	2020-21						
	Name of Certificate- Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Year of offer	Period (from date - to date)		Duration of co	Number of students enrolled in the year	Number of Students completing the course in
1	Maintainance and Repairing of Domestic Appliances	2020-21	15-04-2021	14-05-2021	30hrs	43	43
2	Designing regulated & unregulated power	2020-21	01-09-2020	30-09-2020	30hrs	55	55
3	Biofertilizer formulation from agricultutal waste and crop improvement through Biotechnology	2020-21	08-03-2021	31-03-2021	30hrs	146	146
4	Agricultural Waste Management	2020-21	08-03-2021	09-04-2021	58hrs	51	51
5	Cookery and food preservation	2020-21	18-03-2021	18-04-2021	60hrs	67	67
6	Beautification	2020-21	08-03-2021	31-03-2021	30hrs	53	53
7	Nursery techniques with special reference to floriculture	2020-21	19-03-2021	02-04-2021	45hrs	66	66
8	Medical Laboratory Technology	2020-21	01-04-2021	15-04-2021	30hrs	33	33
9	Embedded system basics & 8051 microcontroller interfacings	2020-21	26-04-2021	25-05-2021	45hrs	73	73
10	Synthesis and Applications of Advanced Polymer	2020-21	14-12-2022	31-12-2022	30hrs	56	56
11	Vedic Mathematics	2020-21	01-02-2021	17-02-2021	30hrs	168	168
12	Skin Care	2020-21	10-02-2021	28-02-2021	30hrs	28	28
13	Hand And Feet Care	2020-21	10-02-2021	28-02-2021	30hrs	40	40
14	Professional Makeup Techniques	2020-21	10-02-2021	28-02-2021	30hrs	44	44
15	Personality Development	2020-21	10-02-2021	28-02-2021	30hrs	30	30
16	Effective Writing"	2020-21	10-02-2021	28-02-2021	30hrs	15	15
17	Entrepreneurship Skill Development	2020-21	10-02-2021	28-02-2021	30hrs	7	7
18	Computer Fundamental and Multimedia Techniques	2020-21	01-01-2021	05-02-2021	30hrs	219	219
19	Data Science and Network Security	2020-21	04-03-2021	19-03-2021	30hrs	220	220
20	Advance Computer Technology	2020-21	05-04-2021	21-04-2021	30hrs	216	216

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21	Basic Computer Technology and E-Commerce	2020-21	01-03-2021	26-03-2021	30hrs	69	69
22	Digital Marketing	2020-21	01-01-2021	05-02-2021	30hrs	68	68
23	Office Automation using Google Tools	2020-21	01-02-2021	05-03-2021	30hrs	7	7
24	Computer Nerworking	2020-21	05-04-2021	21-04-2021	30hrs	7	7
25	Data Warehousing	2020-21	01-02-2021	21-02-2021	30hrs	26	26
26	Data Science	2020-21	01-02-2021	05-03-2021	30hrs	26	28
27	Cyber Security	2020-21	01-02-2021	05-03-2021	30hrs	60	60
28	IOT	2020-21	01-02-2021	05-03-2021	30hrs	66	66
29	Computer Hardware Maintenance	2020-21	07-09-2020	13-10-2020	30hrs	188	188
30	Flower arrangement	2020-21	15-03-2021	31-03-2021	30hrs	221	221
31	Preservation Techniques for Plants	2020-21	15-03-2021	31-03-2021	30hrs	28	28
32	Miniature Garden	2020-21	15-03-2021	31-03-2021	30hrs	22	22
33	Aquarium keeping and fish conservation: A socio-economic and bioaesthetic approach	2020-21	05-09-2020	23-09-2020	30hrs	221	221
34	Basics of Instrumentations and Study of Electronics Components	2020-21	01-09-2020	30-09-2020	30hrs	115	115
35	Water Quality Monitoring	2020-21	04-01-2021	19-01-2021	45hrs	207	207
36	Environmental monitoring and instrumentation	2020-21	01-02-2021	08-03-2021	60hrs	25	25
37	Green technology for sustainable development	2020-21	15-03-2021	17-04-2021	60hrs	16	16
38	Workplace Development	2020-21	07-09-2020	13-10-2020	30hrs	85	85
39	Business Strategy.	2020-21	07-09-2020	13-10-2020	30hrs	88	88
40	Rashtrasant Tukdoji Maharaj's Thought	2020-21	04-08-2020	10-08-2020	30hrs	477	477
41	Applications of chemicals in all facets of life	2020-21	06-09-2020	23-09-2020	30hrs	134	134
42	Health & Hygiene	2020-21	14-06-2021	30-06-2021	30hrs	110	110
43	Clinical Research	2020-21	23-11-2020	23-12-2020	30hrs	52	52
44	Exploring Bioinformatics and Research Methodology	2020-21	23-11-2020	23-12-2020	30hrs	26	26
45	ITR Filling (Salary)	2020-21	24-08-2020	26-09-2020	30hrs	530	530
46	ITR Filling (Salary)	2020-21	28-09-2020	04-11-2020	30hrs	485	485

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Sakkardara Chowk, Nagpur.

47	ITR Filling (Salary)	2020-21	01-12-2020	05-01-2021	30hrs	311	311
48	ITR Filling (Salary)	2020-21	11-01-2021	15-02-2021	30hrs	375	375
49	Personality Enhancement	2020-21	10-07-2021	18-09-2021	30hrs	61	61
50	Skills and Employability enhancement program	2020-21	17-07-2021	25-09-2021	30hrs	71	71
51	Hands on training in empirical Biochemistry	2020-21	02-08-2020	18-08-2020	30hrs	100	100
52	A Road map to brighter career after UG and PG	2020-21	24-11-2020	11-12-2020	30hrs	145	144
53	General Methodology	2020-21	14-12-2020	31-12-2020	30hrs	50	50
54	Consumer Buying Behaviour (SWAYAM)	2020-21	01-01-2021	25-03-2021	30hrs	5	5
55	Principles of Management	2020-21	01-01-2021	31-04-2021	90hrs	10	10
56	Organizational Behaviour	2020-21	01-09-2020	31-12-2020	90hrs	2	2
57	Digital Marketing(SWAYAM)	2020-21	25-02-2021	21-03-2021	30hrs	1	1
58	Marketing Analytics	2020-21	01-01-2021	31-04-2021	90hrs	2	2
59	Enhancing Soft Skills and Personality	2020-21	01-02-2021	31-04-2021	60hrs	1	1
60	Business Planning and Project Management (SWAYAM)	2020-21	01-03-2021	30-09-2021	30hrs	1	1
61	Entrepreneurship Development (Swayam)	2020-21	02-01-2021	15-03-2021	56hrs	2	2
62	Entrepreneurship (NPTEL)	2020-21	01-10-2020	01-11-2020	30hrs	1	1
63	Finance for Non-finance	2020-21	15-03-2021	15-04-2021	30hrs	2	2
64	Business Planning and Project Management (SWAYAM)	2020-21	01-03-2021	30-09-2021	30hrs	1	1

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Sakkardara Chowk, Nagpur

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur - 440024

A+ GRADE RE-ACCREDITED BY NAAC With 3.53 CGPA

Department of Physics

2020 - 2021

Organizes

"Skill Oriented Certificate Course on"

Maintenance of Domestic Appliances

15 th April - 14 th May 2021

Duration : 30 Hrs

Registration Fees - Rs. 200/-

Limited Seats are available

Contact Details

Head of Department

Prof. V. R. Kharabe
7709118666

Co-ordinator

Dr. A. P. Mahajan
8805934777

"Value Added Course on"

For UG : i) Basic Instrumentations

ii) Identification & Study of Electronics Components

For PG : Designing Regulated & Un regulated power Supply

01 st Sept - 30 th Sept 2020

Duration : 30 Hrs

No Registration Fees

physics 01

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 3818 dated the 12th of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

No.DOLLE/150/21
Dated :24.02. 2021

To,
The Principal
Kamla Nehru College,
Nagpur.

Subject :- Sanction for Conducting Online Short Term Courses under Jeevan Shikshan Abhiyan on No Grant Basis.

Sir/Madam,

With reference to your proposal for conducting Online Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal have been accepted by the Department and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Embedded System Basics and 8051 Microcontroller Interfacing	15 days	40	100/-	10%
2	Certificate Course in Skill Oriented course on Anchoring	1 Month	150	50/-	10%
3	Certificate Course in Medical Laboratory Technology	15 days	100	500/-	10%
4	Certificate Course in Survey Based Training	1 Month	100	50/-	10%
5	Certificate Course in Gender Sensitization	1 Month	100	100/-	10%
6	Certificate Course in Communication Skills	2 Weeks	100	50/-	10%
7	Certificate Course in Maintenance and Repairing of Domestic Appliances	1 Months	250	200/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. **Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.**
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course shall be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from the date of sanction. Please communicate your acceptance within a month and submit the Initial Report
6. Submit the List of Students admitted in the excel format attached herewith. Also send a soft copy in CD/Pen drive.

Your's faithfully,

Director

'Maintenance and Repairing of Domestic Appliances'

ubject - I

Basic Electrical Engineering and Safety Precautions

Total periods: 08

Periods per week : 02

Max Marks: 30

Major Topics

Sr. No.	Topic	No. Of Periods Alloted
1.	Basic Electrical Engineering	06
2.	Safety Precautions: First Aid	02
	Total	08

Syllabus content:

Basic Electrical Engineering

1.1 OHM's Law: Electric current - conductors - insulators Semit-conductors-Electric potential-Resistance-Ohm's Law - Resistances in series and parallel simple problem.

1.2 Work-power-Energy: Definitions of work, power & energy simple problems on power & energy, DC, A.C. power

1.3 Cells: primary cells - secondary cells - lead acid cell construction and working - efficiencies of cells defects in cells - charging methods - maintenance.

Safety Precautions: First Aid

Precaution to be taken at various stages, while handling tools during wiring- electric fire-precautions against shocks-first aid artificial respiration.

Lab - I

Electrical Lab

Practical No. 01

Periods per week: 02

Total Periods 08

Max Marks: 70

1. Measurement of power of a Appliance / Circuit
2. Testing and charging of cells
3. To Verify Ohm's Law
4. Connecting, starting of running and reversing of a I-Q capacitor motor.

Subject - II

Domestic Appliances

Total periods: 08

Periods per week : 02

Max Marks: 30

Major Topics

Sr. No.	Topic	No. Of Periods Allotted
1.	Heating Appliances	04
2.	Motorise and Other Appliances	04
	Total	08

Syllabus content:

Heating Appliances:

Electric Iron - Electric Stove - Immersion coater Heater Geyser –Table lamp - Testing & Repairing. A.C. Motor Winding

Motorised Appliances:

Electric Fans (Ceiling Fan, Table Fan, Pedastal Fan etc.) Electric Mixer - coet Grainders - Coashing Machine - vaccume cleaner – Electric Hand drill - Domestic water pump sets : Installation, Testing, Servicing and Repairing of above Mentioned Appliances.

Other Appliances:

Installation, Testing, Servicing and Repairing of Emergency Light –Invertors.

Lab - II

Domestic Appliances Lab

Practical No. 02

Periods per week: 06

Max Marks: 60

Total Periods 24

1. Testing of various Domestic Appliances mentioned in the Theory Subject - 2 10
2. Dismantling of various Domestic Appliances mentioned 10

Field Visit

On-The-Job-Training

Total Periods: 04

Max Marks: 10

Kamla Nehru Mahavidyalaya, Nagpur

Department of Physics

Skill Oriented Certificate Course

On

Maintenance and Repairing of Domestic Appliances

Academic Session 2020-2021 **Duration: One Month**

Time Table

Day/Time	1.00 pm to 1.45 pm	1.45 pm to 2.30 pm
Monday	VRK (Theory)	SAB (Theory)
Tuesday	SPP (Theory)	SMS (Theory)
Wednesday	APM (Theory)	PAZ (Theory)
Thursday	----------VKC (Practical)----------	
Friday	----------VKC (Practical)----------	
Saturday	----------VKC (Practical)----------	

VRK - Mrs. V. R. Kharabe
SAB - Dr. S. A. Bhagat
SPP - Dr. S. P. Puppalwar,
APM - Dr. A, P, Mahajan
SMS - Mr. S. M. Suryawanshi
PAZ - Miss. P. A. Zingare

} Kamla Nehru Mahavidyalaya, Nagpur

Mr. V. K. Chaudhary, Instructor, Bitcon ITI, Nagpur

Mrs. V. R. Kharabe
Head, Department of Physics,
Kamla Nehru Mahavidyalaya, Nagpur

Head
Department of Physics
Kamla Nehru Mahavidyalaya
Nagpur-09.

Dr. D. S. Badwaik
Kamla Nehru Mahavidyalaya,
Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
SKILL ORIENTED PROGREAM ON
"Maintainance and Repairing of Domestic Appliances"
Attendence Sheet (2020-2021)

Sr.No.	Name of students	Date	"Arrival time"	"Joined"
1	Ankita Sathe	"2021-04-19"	"13:26"	"1"
2	Divya Borkar	"2021-04-19"	"13:26"	"1"
3	Dr. Ashish Mahajan	"2021-04-19"	"13:26"	"1"
4	Govind Kolhe	"2021-04-19"	"13:26"	"1"
5	Harshika Mahatpure	"2021-04-19"	"13:26"	"1"
6	Kiran Dhanjode	"2021-04-19"	"13:26"	"1"
7	Krutika Shegaonkar	"2021-04-19"	"13:26"	"1"
8	Mayuri Dhopte	"2021-04-19"	"13:26"	"1"
9	Mayuri Kubde	"2021-04-19"	"13:26"	"1"
10	Mayuri Roshankhede	"2021-04-19"	"13:26"	"1"
11	Monika Walulkar	"2021-04-19"	"13:26"	"1"
12	Mrunal Thakre	"2021-04-19"	"13:26"	"1"
13	Pallavi Tighare	"2021-04-19"	"13:26"	"1"
14	Payal Vidhate	"2021-04-19"	"13:26"	"1"
15	Pornima Thakur	"2021-04-19"	"13:26"	"1"
16	Prajakta Gaikwad	"2021-04-19"	"13:26"	"1"
17	Pranali Hiwarkar	"2021-04-19"	"13:26"	"1"
18	Pranali Lekurwale	"2021-04-19"	"13:26"	"1"
19	Pratiksha Mahawade	"2021-04-19"	"13:26"	"1"
20	Priya Thakre	"2021-04-19"	"13:26"	"1"
21	Ramlal Goyte	"2021-04-19"	"13:26"	"1"
22	Rashmi Bhakre	"2021-04-19"	"13:26"	"1"
23	Sakshi Kapgate	"2021-04-19"	"13:26"	"1"
24	Sanket Anande	"2021-04-19"	"13:26"	"1"
25	Shabina Bano	"2021-04-19"	"13:26"	"1"
26	Shivani Mate	"2021-04-19"	"13:26"	"1"
27	Shruti Bhoyar	"2021-04-19"	"13:26"	"1"
28	Suresh Puppalwar	"2021-04-19"	"13:26"	"1"
29	Vandana Kharabe	"2021-04-19"	"13:26"	"1"
30	Virendra Choudhary	"2021-04-19"	"13:26"	"1"
31	Vishakha Tagde	"2021-04-19"	"13:26"	"1"
32	Vrushabh Tale	"2021-04-19"	"13:26"	"1"
33	Yogita Shendare	"2021-04-19"	"13:26"	"1"
34	Parul Agrawal	"2021-04-19"	"13:26"	"1"

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

(H.O.D.)
Head
Department of Physics
Kamla Nehru Mahavidyalaya
Nagpur-09.

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
SKILL ORIENTED PROGREAM ON
"Maintainance and Repairing of Domestic Appliances"
Attendence Sheet (2020-2021)

Sr. No.	Names	"2021-04-16"	"Arrival time"	"Joined"
1	Virendra Choudhary	"2021-04-16"	"13:38"	"1"
2	Ramlal Goyte	"2021-04-16"	"13:38"	"1"
3	Krutika Shegaonkar	"2021-04-16"	"13:38"	"1"
4	Sanket Anande	"2021-04-16"	"13:38"	"1"
5	Ankita Sathe	"2021-04-16"	"13:38"	"1"
6	Pallavi Tighare	"2021-04-16"	"13:38"	"1"
7	Rashmi Bhakre	"2021-04-16"	"13:38"	"1"
8	Divya Borkar	"2021-04-16"	"13:38"	"1"
9	Suresh Puppalwar	"2021-04-16"	"13:38"	"1"
10	Dr. Ashish Mahajan	"2021-04-16"	"13:39"	"2"
11	Govind Kolhe	"2021-04-16"	"13:39"	"1"
12	Harshika Mahatpure	"2021-04-16"	"13:39"	"1"
13	Kiran Dhanjode	"2021-04-16"	"13:39"	"1"
14	Mayuri Dhopte	"2021-04-16"	"13:39"	"1"
15	Monika Walulkar	"2021-04-16"	"13:39"	"1"
16	Payal Vidhate	"2021-04-16"	"13:39"	"1"
17	Pornima Thakur	"2021-04-16"	"13:39"	"1"
18	Prajakta Gaikwad	"2021-04-16"	"13:39"	"1"
19	Pranali Hiwarkar	"2021-04-16"	"13:39"	"1"
20	Pranali Lekurwale	"2021-04-16"	"13:39"	"1"
21	Pratiksha Mahawade	"2021-04-16"	"13:39"	"1"
22	Priya Thakre	"2021-04-16"	"13:39"	"1"
23	Sakshi Kapgate	"2021-04-16"	"13:39"	"1"
24	Shabina Bano	"2021-04-16"	"13:39"	"1"
25	Shivani Mate	"2021-04-16"	"13:39"	"1"
26	Shruti Bhoyar	"2021-04-16"	"13:39"	"1"
27	Vandana Kharabe	"2021-04-16"	"13:39"	"1"
28	Vrushabh Tale	"2021-04-16"	"13:39"	"1"
29	Yogita Shendare	"2021-04-16"	"13:39"	"1"
30	Vishakha Tagde	"2021-04-16"	"13:39"	"1"

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

(H.O.D.)
Head
Department of Physics
Kamla Nehru Mahavidyalaya
Nagpur-09.

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Adesh Arun Bhoyar *on Satisfactory completion of the* Skill oriented Program MRDA (Maintainance & Repairing of Domestic Appliances) *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Physics *Kamla Nehru Mahavidyalaya, Nagpur from* 15th April - 14th May 2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Akshay Murlidhar Chanore *on Satisfactory completion of the* Skill oriented program (MRDA - 2020-2021) (Maintainance & Repairing of Domestic Appliances) *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Physics *Kamla Nehru Mahavidyalaya, Nagpur from* 15th April - 14th May 2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Ankita Dnyaneshwar Sathe *on Satisfactory completion of the* Skill oriented program on "Maintainance and Repairing of Domestic Appliances" *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Physics *Kamla Nehru Mahavidyalaya, Nagpur from* 15th April - 14th May 2021.

He/She Passed at the Examination in Grade A^+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Ankita P. Ghadle *on Satisfactory completion of the* Skill oriented program on "Maintainance and Repairing of Domestic Appliances" *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Physics *Kamla Nehru Mahavidyalaya, Nagpur from* 15th April - 14th May 2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

KAMLA NEHRU MAHAVIDYALAYA NAGPUR
DEPARTMENT OF PHYSICS
SKILL ORIENTED PROGRAM (2020-21)

Introduction:

Department of Physics, Kamla Nehru Mahavidyalaya creating Excellent opportunities for the School students by introducing Short-term (Add-on) Certificate courses of One month Duration(15th April 2021- 14th May 2021) in 'Maintenance of Domestic Appliances and Motor Winding', which develops the self-ability. These courses not only develop self-ability but also provide self-employment opportunities to the students and help them to "Earning with Learning".

Objectives:

The objectives of the 'Maintenance of Domestic Appliances and Motor Winding' is to train the students in the following topics

1. To develop the concept on the principles of Electrical engineering.
2. He can able to repair various domestic Appliances.

With these above objectives these courses provides Self-Employment and avoids Un-employment

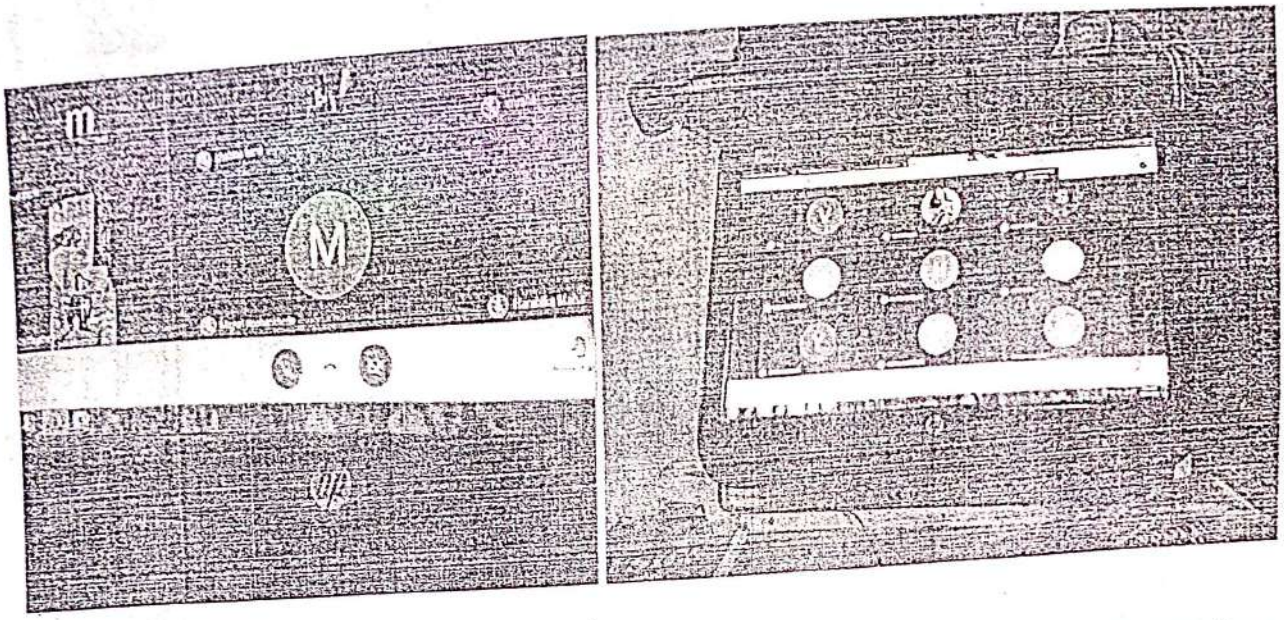
Benificiaries : 43 Students (M.Sc. and B.Sc)

Brief Report

Skill Oriented Certificate course on 'Maintenance of Domestic Appliances and Motor Winding' was organized for M.Sc. and B.Sc students for one month (15th April 2021- 14th May 2021). The entire skill oriented course was organized in Online mode. Mr. Chaudhary , BITCON ITI College, Nagpur and faculty members Dept. of Physics have taken online periods and practicals with Physics Students. Mrs. V.R. Kharabe explain brief theory od Ohm's Law, Conductors, Semiconductors, Insulators, Series parallel circuit,etc and its application. Dr. S.A. Bhagat elaborates Work-Power Energy and AC DC power while Dr. S.P. Puppalwar explains theory of cell. Mr. S.M. Suryawanshi explains Safety Precautions:First Aid, Handling of electric tools and repairing and Dr. A. P. Mahajan briefly discussed theory of Heating Appliances. Electic iron, Stove, their testing and repairing as well as Ms. P.A. Zingare elaborates Motorised Applications. Installation, testing and services. Mr. Chaudhary explained the theory of electricity and magnetism, Winding of motors, Repairing of IRON, Mixtures, Lamp Series and other Domestic Appliances followed by practicals . Mr. Chaudhary demonstrated electrical and magnetism experiment, DC motors, AC motors there working and functions to the students.

Expected Outcome:

a. After completion of this course the Trainee can set up his own work-shop.
b. He can take up all types of Electrical works and repairs of various electrical appliances Table and Ceiling fans etc.



Online demonstration by Prof. Chaudhary during the course and students attending online workshop

Mrs. V. R. Kalambe
H. O. D.
Head
Department of Physics
Kamla Nehru Mahavidyalaya
Nagpur-09.

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur - 440024

A+ GRADE RE-ACCREDITED BY NAAC With 3.53 CGPA

Department of Physics

2020 - 2021

Organizes

"Skill Oriented Certificate Course on"

Maintenance of Domestic Appliances

15 th April - 14 th May 2021

Duration : 30 Hrs

Registration Fees - Rs. 200/-

Limited Seats are available

Contact Details

Head of Department

Prof. V. R. Kharabe
7709118666

Co-ordinator

Dr. A. P. Mahajan
8805934777

"Value Added Course on"

For UG : i) Basic Instrumentations

ii) Identification & Study of Electronics Components

For PG : Designing Regulated & Un regulated power Supply

01 st Sept - 30 th Sept 2020

Duration : 30 Hrs

No Registration Fees

To,
The Principal,
Kamla Nehru Mv.
Nagpur

Subject:- Permission for conducting value added course for UG and PG in dept. of Physics (2020-21)

For UG:- (I) Basic Instrumentation
(II) Identification & study of Electronics components.

PG:- (I) Designing Regulated and unregulated Power supply.

R/Sir,

This is to inform you that dept. of Physics is conducting value added course for UG (B.Sc.I) & PG (M.Sc.I) students.

Therefore kindly give permission to conduct this course.

Thanking you

Permission Granted

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Yours faithfully

(V.R. Idhrabe)

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

DEPARTMENT OF PHYSICS

VALUE ADDED PROGRAM

2020-2021

Name of Program: Designing Regulated and un-regulated Power Supply

SYLLABUS

In the world of electronics, power supply plays an essential role. It provides the necessary power for electronic devices to function correctly. The power supply can either be regulated or unregulated. Both regulated and unregulated power supply has their advantages and disadvantages, and it's essential to understand the difference between them to make an informed decision on which type of power supply to use. In the present value-added program go through a well-defined syllabus as follows

1. Introduction of the resistor, capacitor, Diodes, Transistor, Integrated circuits(ICs) Transformer, printed circuit board

2.Unregulated Power Supply-Regulated Power Supply,Steady and Pulsating DC Voltages Rectifiers Half-wave Rectifier,Full-wave Rectifier-Full-wave Bridge Rectifier, Filters,Series Inductor Filter Shunt Capacitor Filter Effect of Increasing Filter Capacitance-LC Filter, The CLC or Pi Filter-Bleeder Resistor-Voltage Regulation-Zener Diode Shunt Regulator,Transistor Series Voltage Regulator Controlled Transistor Series Regulator,Transistor Shunt Voltage Regulator,Transistor Current Regulator,Voltage Dividers Complete Power Supply Voltage Multipliers Half-wave Voltage Doubler,Full- wave Voltage Doubler-Voltage Tripler and Quadrupler

Principal
Kamla Nehru Mahavidyalaya
Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALAYA NAGPUR

DEPARTMENT OF PHYSICS

VALUE ADDED PROGRAM

Academic Session 2020-2021 **Duration: 30 Hours**

Time Table

Date	Day/Time	1.00 pm to 2.00 pm
1/09/2020	TUE	SMS(Theory)
2/09/2020	WED	ANB(Theory)
3/09/2020	THU	PAZ(Theory)
4/09/2020	FRI	SMS(Theory)
5/09/2020	SAT	ANB(Theory)
7/09/2020	MON	PAZ(Theory)
8/09/2020	TUE	SMS(Theory)
9/09/2020	WED	ANB(Theory)
10/09/2020	THU	PAZ(Theory)
11/09/2020	FRI	SMS(Theory)
12/09/2020	SAT	ANB(Theory)
14/09/2020	MON	PAZ(Theory)
15/09/2020	TUE	SMS(Theory)
16/09/2020	WED	ANB(Theory)
17/09/2020	THU	PAZ(Theory)
18/09/2020	FRI	---------- SMS (Practical) ----------
19/09/2020	SAT	---------- SMS (Practical) ----------
21/09/2020	MON	---------- SMS (Practical) ----------
22/09/2020	TUE	---------- SMS (Practical) ----------
23/09/2020	WED	---------- SMS (Practical) ----------
24/09/2020	THU	---------- SMS (Practical) ----------
25/09/2020	FRI	---------- SMS (Practical) ----------
26/09/2020	SAT	---------- SMS (Practical) ----------
28/09/2020	MON	---------- SMS (Practical) ----------
29/09/2020	TUE	---------- SMS (Practical) ----------
30/09/2020	WED	---------- SMS (Practical) ----------

SMS - Mr. S. M. Suryawanshi
PAZ - Miss. P. A. Zingare
ANB - Mrs. A. N. Banabakode

Mrs. V. R. Kharabe
Head, Department of Physics,
Kamla Nehru Mahavidyalaya, Nagpur

Dr. D. S. Badwaik
Kamla Nehru Mahavidyalaya,
Nagpur

Principal
Kamla Nehru Mahavidyalaya
Chowk, Nagpur.

K[illegible]nla Nehru Mahavidyalaya, Nagp[illegible]

Department of Physics

Attendance Sheet

Value-added program

Course Name: **Designing Regulated and un-regulated Power Supply**

Academic Session 2020-2021 Duration: 1st Sept 2020 to 30th Sept 2020 (One Month)

Name of Students	1/09	2/09	3/09	4/09	5/09	07/09	08/09	09/09	10/09	11/09	12/09	14/09
MayuriDhopte	P	P	P	P	P	P	P	P	P	P	P	P
ShohebYakub Qureshi	P	P	P	P	P	P	P	P	P	P	P	P
RupalKhotele	P	P	P	P	P	P	P	P	P	P	P	P
GovindRajkumarKolhe	P	P	P	P	P	P	P	P	P	P	P	P
VrushabhNamdeoTale	P	P	P	P	P	P	P	P	P	P	P	P
PriyankaSanjayraoDate	P	P	P	P	P	P	P	P	P	A	P	P
Mayuri RameshTembhekar	P	P	P	P	P	P	P	P	P	P	P	P
Mohd Salman Azizsheikh	P	P	P	P	P	P	P	P	P	P	P	P
Pankaj Yadav	P	P	P	P	P	P	P	P	P	P	P	P
SnehaAnil Bawankar	P	P	P	P	P	P	P	P	P	P	P	P
PriyaSatishAkarte	P	P	P	P	P	P	P	P	P	P	P	P
RamlalShankarlalGoyte	P	A	P	P	P	P	P	P	P	P	P	P
Ankita PurushottamGhadle	P	P	P	P	P	P	P	P	P	P	P	P
VishakhaJ.Tagde	P	P	P	P	P	P	P	P	P	P	P	P
Payal VinayakVidhate	P	P	P	P	P	P	P	P	P	P	P	P
Miss. Priya PurushottamThakre	P	P	P	P	P	P	P	P	P	P	P	P
ShwetaHaribhauPadghan	P	P	P	P	P	P	P	P	P	P	P	P
PornimaShivkumarThakur	P	P	P	P	P	P	P	P	P	P	P	P
Pragati RDhande	P	P	P	P	P	P	P	P	P	P	P	P
AsmitaSubhashrao Balinge	P	P	P	P	P	P	A	P	P	P	P	P
DikshaD.Chandekar	P	P	P	P	P	P	P	P	P	P	P	P
VishakhaJ.Tagde	P	P	P	P	P	P	P	P	P	P	P	P
Payal VinayakVidhate	P	P	P	P	P	P	P	P	P	P	P	P
Miss. Priya PurushottamThakre	P	P	P	P	P	P	P	P	P	P	P	P

.	ShwetaHaribhauPadghan	P	P	P	P	P	P		P	P	P	P	P	P
.	PornimaShivkumarThakur	P	P	P	P	P	P		P	P	P	P	P	P
.	Pragati RDhande	P	P	P	P	P	P	P	P	P	P	P	P	P
.	AsmitaSubhashrao Balinge	P	P	P	P	P	P	P	P	P	P	P	P	P
.	DikshaD.Chandekar	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Sakshi B. Kapgate	P	P	P	P	P	P	A	P	P	P	P	P	P
.	Parul R. Agrawal	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Krutika V. Shegaokar	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Prajakta I. Gaikwad	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Tomeshwari S. Bhoyar	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Pranali Hiwarkar	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Shivani Mate	P	A	P	P	P	P	P	P	P	P	P	P	P
.	Sanket Anande	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Yogita Shendre	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Pallavi Tighare	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Damini Belsare	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Ankita Sathe	P	P	P	P	P	P	P	P	P	P	P	P	P
.	Shabina Bano	P	P	P	P	P	P	P	P	P	P	P	P	P
	Mrunal Thakre	P	P	P	P	P	P	P	P	P	P	P	P	P
	Monika Wallurkar	P	P	P	P	P	P	P	P	P	P	P	P	P
	PratikshaMahawade	P	P	P	P	P	P	P	P	P	P	P	P	P
	Kirti Mahulkar	P	P	P	P	P	P	P	P	P	P	P	P	P
	Ravi Ram	P	P	P	P	A	P	P	P	P	P	P	P	P
	PranaliLekurwale	P	P	P	P	P	P	P	P	P	P	P	P	P
	Kiran Dhanjode	P	P	P	P	P	P	P	P	P	P	P	P	P
	Divya Suresh Borkar	P	P	P	P	P	P	P	P	P	P	P	P	P
	Mayuri N. Kubde	P	P	P	P	P	P	P	P	P	P	P	P	P
	Mayuri Roshankhede	P	P	P	P	P	P	P	P	P	P	P	P	P
	Rashmi Bhakre	P	P	P	P	P	P	P	P	P	P	P	P	P
	Dhamadeep Suryawanshi	P	P	P	P	P	P	P	P	P	P	P	P	P
	Harshika Mahatpure	P	P	P	P	P	P	P	P	P	P	P	P	P

Principal
Kamla Nehru Mahavidyalay
Sakkardara Chowk, Nagpu

Jamla Nehru Mahavidyalaya, Nagpur

Department of Physics

Attendance Sheet

Value-added program

Course Name: **Designing Regulated and un-regulated Power Supply**

Academic Session 2020-2021 Duration: 1st Sept 2020 to 30th Sept 2020 (One Month)

	Name of Students	15/09	16/09	17/09	18/09	19/09	21/09	22/09	23/09	24/09	25/09	26/09	28/09
	MayuriDhopte	P	P	P	P	P	P	A	P	P	P	P	P
	ShohebYakub Qureshi	P	P	P	P	P	P	P	P	P	P	P	P
	RupalKhotele	P	P	P	P	P	P	P	P	P	P	P	P
	GovindRajkumarKolhe	P	P	P	P	P	P	P	P	P	P	P	P
	VrushabhNamdeoTale	P	P	P	P	P	P	P	P	P	P	P	P
	PriyankaSanjayraoDate	P	P	P	P	P	P	P	P	P	P	P	P
	Mayuri RameshTembhekar	P	P	P	P	P	P	P	P	P	P	P	P
	Mohd Salman Azizsheikh	P	P	P	P	P	P	P	P	P	P	P	P
	Pankaj Yadav	P	P	P	P	P	P	P	P	P	P	P	P
	SnehaAnil Bawankar	P	P	P	P	P	P	P	P	P	P	P	P
	PriyaSatishAkarte	P	P	P	P	P	P	P	P	P	P	P	P
	RamlalShankarlalGoyte	P	P	P	P	P	P	P	P	P	P	P	P
	Ankita PurushottamGhadle	P	P	P	P	P	P	P	P	P	P	P	P
	VishakhaJ.Tagde	P	P	P	A	P	P	P	P	P	P	P	P
	Payal VinayakVidhate	P	P	P	P	P	P	P	P	P	P	P	P
	Miss. Priya PurushottamThakre	P	P	P	P	P	P	P	P	P	P	P	P
	ShwetaHaribhauPadghan	P	P	P	P	P	P	P	P	P	P	P	P
	PornimaShivkumarThakur	P	P	P	P	P	P	P	P	P	P	P	P
	Pragati RDhande	P	P	P	P	P	P	P	P	P	P	P	P
	AsmitaSubhashrao Balinge	P	P	P	P	P	P	P	A	P	P	P	P
	DikshaD.Chandekar	P	P	P	P	P	P	P	P	P	P	P	P
	VishakhaJ.Tagde	P	P	P	P	P	P	P	P	P	P	P	P
	Payal VinayakVidhate	P	P	P	P	P	P	P	P	P	P	P	P
	Miss. Priya PurushottamThakre	P	P	P	P	P	P	P	P	P	P	P	P

	ShwetaHariBhaurPadghan												
	PornimaShivkumarThakur												
	Pragati RDhande												
	AsmitaSubhashrao Balinge												
	DikshaD.Chandekar												
	Sakshi B. Kapgate												
	Parul R. Agrawal												
	Krutika V. Shegaokar												
	Prajakta I. Gaikwad												
	Tomeshwari S. Bhoyar												
	Pranali Hiwarkar												
	Shivani Mate												
	Sanket Anande												
	Yogita Shendre												
	Pallavi Tighare												
	Damini Belsare												
	Ankita Sathe												
	Shabina Bano												
	Mrunal Thakre												
	Monika Wallurkar												
	PratikshaMahawade												
	Kirti Mahulkar												
	Ravi Ram												
	PranaliLekurwale												
	Kiran Dhanjode												
	Divya Suresh Borkar												
	Mayuri N. Kubde												
2.	Mayuri Roshankhede												
3.	Rashmi Bhakre												
4.	Dhamadeep Suryawanshi												
5.	Harshika Mahatpure												

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA

SAKKARDARA SQUARE, NAGPUR

WANJARRI GROUP
redefines education

VALUE ADDED COURSE

ON

Designing regulated and un-regulated Power Supply

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss..... Shoheb Yakub Qureshi, M.Sc.Sem-III.....
Has successfully completed the value-added course on "Designing regulated and un-regulated Power Supply"
Conducted during the period...1st sept2020 to 30th sept2020 (One Month)

Course Coordinator	HHead Dept. of Physics K.N.M. Nagpur	Principal K.N.M. Nagpur

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA

SAKKARDARA SQUARE, NAGPUR

WANJARRI GROUP
redefines education

VALUE ADDED COURSE

ON

Designing regulated and un-regulated Power Supply

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss..... Vrushabh Namdeo Tale, M.Sc.Sem-III.....
Has successfully completed the value-added course on "Designing regulated and un-regulated Power Supply"
Conducted during the period...1st sept2020 to 30th sept2020 (One Month)

Course Coordinator	HHead Dept. of Physics K.N.M. Nagpur	Principal K.N.M. Nagpur

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA

SAKKARDARA SQUARE, NAGPUR

WANJARRI GROUP
redefines education

VALUE ADDED COURSE

ON

Designing regulated and un-regulated Power Supply

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss..... Ramlal Shankarlal Goyte, M.Sc.Sem-III.....
Has successfully completed the value-added course on "Designing regulated and un-regulated Power Supply"
Conducted during the period...1st sept2020 to 30th sept2020 (One Month)

Course Coordinator	Head Dept. of Physics K.N.M.	Principal K.N.M. Nagpur

Principal

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA

SAKKARDARA SQUARE,NAGPUR

WANJARRI GROUP
redefines education

VALUE ADDED COURSE

ON

Designing regulated and un-regulated Power Supply

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss..... Damini Belsare, M.Sc.Sem-I.....
Has successfully completed the value-added course on "Designing regulated and un-regulated Power Supply"
Conducted during the period...1st sept2020 to 30th sept2020 (One Month)

Course Coordinator	Head Dept. of Physics K.N.M. Nagpur	Principal K.N.M. Nagpur

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA

SAKKARDARA SQUARE,NAGPUR

WANJARRI GROUP
redefines education

VALUE ADDED COURSE

ON

Designing regulated and un-regulated Power Supply

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss..... Monika Wallurkar, M.Sc.Sem-I.....
Has successfully completed the value-added course on "Designing regulated and un-regulated Power Supply"
Conducted during the period...1st sept2020 to 30th sept2020 (One Month)

Course Coordinator	Head Dept. of Physics K.N.M. Nagpur	Principal K.N.M. Nagpur

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Date :3/10/2020

KAMLA NEHRU MAHAVIDYALAYA NAGPUR
DEPARTMENT OF PHYSICS
VALUE ADDED PROGRAM (2020-2021)

Introduction:

Incorporating value-added courses should focus on utilizing the skills and creativity of aspiring professionals to meet the demands of today's dynamic business environment, making the student more prepared for the workplace. The value-added programs support students' academic progress and help them get ready for the difficulties of the working world. Through a wide variety of course options, these programs give students the opportunity to improve their innovative and creative abilities as well as gain a more holistic perspective and a greater awareness of contemporary industrial concerns.Department of Physics, Kamla Nehru Mahavidyalayaintroducing value-added certificate courses for post-graduates students from 1st to 30thSeptember2020in "Designing regulated and un-regulated Power Supply".

Aim of the course- The course will enable students to develop compelling insight into self-management and leadership skills in personal and professional efficiency.

Objectives of the value-added course- The students will be able to

1. Understand the application of administration principles in personal and professional life.
2. Gain clarity about self-motivation and self Confidence
3. Understand moral values like honesty ,commitment and dedication
4. Plan goals, manage time manage and build confidence
5. Gain knowledge regarding personality development and soft skills.
6. Improve inter personal relationships and maintain a good professional conduct by understanding Values, Ethics and Satisfaction
7. Understand the self-awareness and reflective practice to enhance their personality in professional way.
8. Develop better study habits to improve the academic performance. 12. Evaluate the achievementsthrough introspect and reset goals.

Benificiaries :55 Students (M.Sc.)

Brief Report

The value-added certificate course on **'Designing regulated and un-regulated Power Supply'**was organized for P.G.students for one month (1stSept – 30thSept 2020).Mrs.Vandana R. Kharabe was the coordinator of the value-added program. Mr. S.M. Suryawanshiexplainsa brief theory ofvarious electronic and electrical components useful in the construction of power supply. Mrs. A.N.Banabakode explains the Series and parallel circuit combinations and their application. Dr. P.A. Zingare elaborates steps to designing a regulated power supply including which components should be chosen to have the required regulated output voltage with required current. The procedure requires calculations based on some designing equations, some assumptions, and approximations that must take during designing explained by Mrs. A.N.Banabakode.

Principal

Expected Outcome:

a. All the PG students successfully design regulated and Unregulated power supplies.

b. Students are able to comprehend issues with the power supply circuit and can fix them on their own.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya, Nagpur

Department of Biotechnology
Session 2020-21

Course Schedule

Certificate Course

Start Date: Mar 8, 2021

Course Title	Duration
Biofertilizer formulation from agriculture waste and crop improvement through biotechnology	30 days

Value Added Courses

Sr.No	Course Title	Duration	Program	Start Date
1	Exploring bioinformatics and advanced research methodology	30 days	M.Sc - I	23/11/2020
2	A road map to brighter career after UG & PG	30 days	UG & PG	24/11/2021
3	Clinical research	30 days	M.Sc - II	23/11/2020

Notes

- For registration details contact Dr.Sandhya Moghe
- The course is for UG & PG

Biotech.

Bi

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 &
subsequently re-established by Maharashtra Public Universities Act, 2016 (Mah. Act No. XI of 2017)
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll.rtmnu@gmail.com

No.DOLLE/151/21
Dated : 24.02.2021

To,
The Principal
Kamla Nehru College,
Nagpur.

Email

Subject : Sanction for Conducting Online Short Term Course under Jeevan Shikshan Abhiyan on No Grant Basis.

Sir/Madam,

With reference to your proposal for conducting Online Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal have been accepted by the Department and your College has been granted permission to conduct the online course on the following conditions.

Details of the Course

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in [illegible]	1 Month	50	300/-	10%
2	Certificate Course in Nursery Techniques with Special reference to floriculture	15 days	60	200/-	10%
3	Certificate Course in Biofertilizer formulation from agricultural waste and crop improvement practices	1 Month	50	300/-	10%
	Biotechnology				
	Certificate Course in [illegible] Waste Management	1 Month	50	300/-	
	Certificate Course in Cooperative Food Preservation	15 days	50	200/-	
6	Certificate Course in Quantitative Aptitude	15 Weeks	30	300/-	10%
7	Certificate Course in Synthesis and Applications of Advanced Polymers	15 days	100	200/-	10%

Rules & Regulations of the Department regarding these courses should be strictly followed.

1. **Owing to Covid-19 situation all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.**
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.**
   Please communicate your acceptance within **a month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith.**
   Also send a soft copy in CD/Pen drive.

Signa

Your's faithfully,

Director

Syllabus

Module I

Introduction to different methodology of composting, fertilizer: its classification and manufacturing processes, biofertilizers and their advantages, Plant growth regulators

Module II

Introduction and scope of Plant tissue culture(PTC), Instrumentation, Media preparation & sterilization, Explant isolation and callus induction in different growth regulators combination, organogenesis and somatic embryogenesis, cytology of callus, suspension culture and production of secondary metabolites

Module III

Micropropogation, Embryo culture, Production of haploid through anther/Pollen, ovuleo embryo culture, Protoplast isolation and culture, Invitro plant regeneration, Hardening, establishment

Module IV

Development of transgenic plant by Agrobacterium mediated transformation. Isolation of genomic DNA, plasmid isolation, RFLP technique

KAMLA NEHRU MAHAVIDALAYA,NAGPUR

DEPARTMENT OF BIOTECHNOLOGY

IN COLLABORATION WITH

LIFE LONG AND LEARNING EXTENSION,RTM NAGPUR UNIVERSITY

ORGANISED CERTIFICATE COURSE

"BIOFERTILIZER FORMULATION FROM AGRICULTURAL WASTE AND CROP IMPROVEMENT THROUGH BIOTECHNOLOGY"

DURATION -- ONE MONTH

8th Mar 2021 to 31 st Mar 2021

SR NO	NAME OF FACULTY	TOPIC	DATE	TIME
1	Dr Sandhya R Moghe	Importance of plant tissue culture and its applications	8/3/21	3pm to 4pm
2	Mr Vijay Harode	Practical demonstration video	8/3/21	4pm to 5pm
3	Dr Sandhya R Moghe	Laboratory organization , instruments ,media preparation and sterilization techniques	9/3/21	3pm to 4pm
4	Dr. Pallavi Dhande	Practical demonstration video	9/3/21	4pm to 5pm
5	Dr S L Tiwari	Importance of PCR and its applications	10\3\21	3pm to 4pm
6	Dr. Shweta Gahukar	Practical demonstration video	10\3\21	4pm to 5pm
7	Dr S L Tiwari	PCR Technique and protocol	11/3/21	3pm to 4pm
8	Mr Nishant Burade	Practical demonstration video	11/3/21	4pm to 5pm
9	Dr S B Nandeshwar	Shoot tip culture technique and its applications	12/3/21	4pm to 5pm
10	Dr S B Nandeshwar	Callus and cell suspension culture technique	13/3/21	3pm to 5pm
11	Dr S B Nandeshwar	Transformation technique and its application	15/3/21	3pm to 5pm
12	Dr S B Nandeshwar	Agrobacterium mediated gene transformation in cotton	16/3/21	3pm to 5pm
13	Dr K Velmourougane	Biofilm and Bioremediation	17/3/21	3pm to 5pm
14	DrAmitBafna	Transformation and Bioremediation	18/3/21	3pm to 5pm
15	Mr Vilas Yeole	Biofertilizer formulation for commercial use	19/3/21	3pm to 5pm
16	Dr A Tripathi	Biofertilizer formulation using different substrate	20/3/21	3pm to 5pm
17	Dr. Vinay Tule	Genetic diversity and Importance	21/3/21	3pm to 5pm

18	Mr Nishant V Borade	Practical demonstration video and open discussion	22/3/21	1pm to 4pm
19	Mr Suraj Kombe	Plant Tissue Culture	23/3/21	3pm to 5pm
	Dr Alok Rai	Hunting of Bacteria for biofertilizer	23/3/21	4pm to 5pm
20	Dr Y Thakkar	Updates in sterilization and disinfection	24/3/21	3pm to 5pm
21	Dr Aarti Shanware	Liquid Biofertilizer formulation	25/3/21	3pm to 430 pm
22		Videos for Biofertilizer	26/3/21	4pm to 5pm
23	Dr. Sarangi Sir	Tools for crop plant Improvement Valedictory function	27/3/21	3pm to 5pm
24		Videos for Biofertilizer formulation	30/3/21	3pm to 5pm
25		TEST FOR COURSE	31 /3/21	4 pm to 5 pm

Principal
Rashtrasant Tukadoji Maharaj Nagpur University
Sakkardara Chowk, Nagpur

KAMLA NEHRU MAHAVIDYALAYA, NAGP
DEPARTMENT OF BIOTECHNOLOGY
In collaboration with
JEEVAN SHIKSHAN ABHIYAN
Affiliated to RTMNU, Nagpur
Organized certificate course on

"Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology"

Duration: 1 Month — **Session 2020-21**

8th March 2021- 31st March 2021 — ATTENDANCE SHEET

Sr. No	NAME OF STUDENT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Aachal A. Karluke	A	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
2	Aaditi Naresh Malghade	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
3	AARJU NARESH THENGE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P
4	Abhishek Raju Shahakar	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
5	Achal kamble	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
6	Akanksha Khokle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Akansha kaithwas	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
8	Amisha Fulzele	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	A
9	Ankita Bipin Yadav	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
10	Ankita Uikey	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
11	Ankita Yashvanta Waghe	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
12	Anushree Deepakrao Date	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
13	Anushree Kulkarni	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A
14	Apeksha Suresh Wandhre	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P
15	Arpita Gunwant Dakhole	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
16	Arti Mahadevrao umredkar	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
17	Ayesha ziauddin sheikh	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
18	Ayushi Deepakrao Date	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

19	Bhuwaneshwari R. Mowale	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Dhananjay dhakhore	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
21	Devyani Prakash chawle	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Dhanashree Anil Chilewar	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
23	Dhanashree sawarkar	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
24	Dhanshree S. Sadawarti	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
25	Dhanshri eknath kale	P	P	P	P	A	P	P	1	P	P	P	P	A	P	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
26	DIKSHA D. SAWARBANDHE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
27	Diksha Dhore	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
28	Dikshita Arvind motghare	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	Dipali nageshwar Dahare	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P
30	Gauri K. Maradwar	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
31	Devyani Prakash chawle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P
32	Gauri Purushottam Dhurve	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	Gayatri Shailesh tijare	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P
34	Gunjan Gopichand Budhe	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	Harshali Shivram Rode	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P
36	Himagni Harekrishna Biswas	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	Himangi More	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P
38	Himani kohad	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
39	Jagruti Bhiwgade	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P
40	Jayanti Prakashchand Munot	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P	P
41	Jayshri Dattuji Shegokar	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
42	JITENDRA UMRAO KUTHE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P

Principal
Kamla Nehru Mahavidyalaya (2)
Sakkardara Chowk, Nagpur

	Jyotsna S. Salunke	
44	Kajal Keshav Gobade	
45	Kajol Paramanand Patle	
46	Kalyani Nageshwar Dahare	
47	Kalyani Shrikhande	
48	Kanchan Prabhakar Wadibhasme	
49	Karishma panjabrao gharde	
50	Karishma Uttam Kadu	
51	Khushbu Naktode	
52	Khushi Pannalal devangan	
53	Komal bhagwan dhawale	
54	Komal ghatole	
55	Komal Jogi	
56	Komal Padole	
57	Kshitij jagdish Chaudhari	
58	Kunal Mankar	
59	Lajari kishor zalke	
60	Madhavi Shivankar	
61	Maheshwari laxman satpute	
62	Mahima Sudhakar Lokhande	
63	Mahima vitthalrao suryawanshi	
64	Mansi krishna manapure	
65	Mansi Moreshwar Gujarkar	
66	Mansi Rupesh Meshram	

Principal

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

	NAME OF STUDENT																													
67	Mayuri sunil deogirikar	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	P	A	A	P	A	A	P	P	P	A	P	P	P	A
68	Megha Tajne	P	P	P	P	A	P	A	A	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
69	MOHANI ARVIND JAIPURKAR	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
70	Mohini Mendhe	P	P	P	P	A	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	Monika Shrikrushna Babhare	P	P	A	A	P	P	P	P	P	A	P	A	P	P	A	P	P	P	P		P	P	A	P	P	A	P	P	P	P
72	Mrunalini Nandkishor Atalkar	P	P	A	A	P	P	A	P	A	P	A	A	P	P	A	P	A	P	P	P	A	P	P	P	P	A	A	P	P	P	P
73	Neha Dashrath Shimpi	P	P	P	P	P	P	P	P		P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A
74	Neha hanumant bhoyar	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P
75	Neha Harne	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P	A	A
76	Neha Jambuvant Nikure	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P
77	Neha thombare	P	P	P	P	P	P	A	A	P	A	A	P	A	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P
78	Nidhi . Banduji.Raut	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A	A
79	Nikita Ganesh Bansele	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	A	A
80	Nikita Sudhakar Dharne	P	P	A	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P		P	P	P	P	P	A	A	A	P
81	Nilam jaiswal	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
82	NIRAJ	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A	A	P
83	Nitesh Ganraj kurjekar	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	A	A	P	P	P	P	P	P	P	A	P	P
84	Pallavi gedam	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
85	Pallavi Narayan Kumbhare	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
86	Payal Raju Gajbhiye	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
87	Pooja Manohar Ghumare	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	A	P
88	Pooja Rajendra Chahande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
89	Prachi kishor Barsagade	P	P	P	A	P	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A

Principal

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

	NAME OF STUDENT																														
90	Prachi Tulsidas Mate	P	P	P	A	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
91	Prajakta Dhananjay yawale	P	P	P	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
92	Prajakta jengathe	P	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
93	Pranali Kishore Fulmali	P	P	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
94	Pranjal daulat wankhede	P	P	A	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
95	Pranjali D Shahu	P	P	P	A	P	P	P	P	P	A	A	P	A	P	P	P	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P
96	Pratiksha Vivek Rodge	P	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	A	A
97	Pritish S Jiwane	P	P	P	A	P	A	A	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	A	P		
98	PRIYA SUNIL GAURKAR	P	P	P	P	A	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P		
99	Priyal Prakash Lonare	P	P	P	P	P	A	P	A	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P		
100	Purva Gulabji Shende	P	P	P	A	A	P	P	P	A	P	P	A	P	A	P	A	P	A	P	A	P	A	P	A	A	P	P	P	P	P	A	P
101	Radha I. Dahikar	P	P	P	P	P	P	A	P	A	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P	P	P	P	A	P	P		
102	Rinkle Sanjay Mungle	P	P	P	A	P	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
103	Rohini B. Shende	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
104	Rucha Ramesh Borkar	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A	
105	Ruchika Sanjay Mohadikar	P	P	A	P	P	A	A	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P
106	Ruchita Dashik Darwade	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P	P		
107	RUCHITA MADHUKAR MUSALE	P	P	P	A	A	P	A	A	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P		
108	Rupali gajanana khanderao	P	P	P	P	P	A	A	P	P	P	P	A	A	P	P	A	P	P	P	P	A	P	P	P	P	A	P	A	P	P		
109	Rupali p jichkar	P	P	A	P	P	P	A	P	P	P	P	P	P	A	A	P	P	A	P	A	P	A	P	A	P	P	P	P	P	P		
110	Sakshi Kapse	P	P	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	P	A	P	A	P	A	P	P	P	P	P	P	P		
111	SAKSHI SAHEBRAO NIKAM	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	A	P	P	P	P	A	P	P	P	P		
112	Salni Chahande	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P		

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

	NAME OF STUDENT																													
113	Sakshi Yashwant Bhorkar	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
114	Sanika Arun Deshmukh	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
115	Sayali Vinod Tijare	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
116	Sayli Rajeah Barde	P	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
117	Sharayu Khangan	P	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P
118	Shital yugesh Rotke	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	A	P
119	SHIVANI GANESH KHOKALE	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
120	Shivani A Patil	P	A	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
121	Shraddha Dudhram Mure	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
122	Shreya Mukesh Purushottamwar	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
123	Shruti suresh jagnade	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
124	Shruti vishnusingh surywanshi	P	P	P	A	P	A	P	P	P	P	P	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	A	P
125	Shrutika Ramdasji Gorale	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
126	Snehal Vijay bagade	A	P	P	P	P	A	P	A	A	P	P	P	P	A	P	P	P	A	A	P	P	A	P	P	P	P	P	A	P
127	Sumedh Ashok Shrirame	P	P	A	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	P	A
128	Tanvi sattabhayya	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P
129	Tanvi Subhash Mohod	P	P	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
130	Tanvi Sunil Kanhere	A	A	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P
131	TRUPTI SANJOG MOTGHARE	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	A	P	P
132	Tanveer Sheikh	P	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P
133	Uma Janglu Bhoyar	P	P	P	P	P	A	P	P	P	A	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P
134	Urmila Prakash Waindeshkar	A	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
135	Urwashi Sakharam Dahule	P	P	A	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A	P

(6)

Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

	NAME OF STUDENT																														
136	VAIBHAVI CHANDRAKANT ZURMURE																														
137	Vaibhavi Prashant Pohare																														
138	Vaishali muneshwar																														
139	Vedika R. Dhamankar																														
140	Vasundhara Kumbhalkar																														
141	Vijaysingh Omprakash Rathod																														
142	Yamini Krishna Bhoware																														
143	Yash Ajay Kadam																														
144	Yashashree Sudhir Lute																														
145	Shubham Tiwari																														
146	Bharvi Manapure																														

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Vasundhara Kumbhalkar *on Satisfactory completion of the* biofertilizer formulation from agricultural waste & crop improvement through Biotechnology *Certificate Course* **under Jeevan Shikshan Abhiyan run by Department of Lifelong** *Learning and Extension in collaboration with Department of* Biotechnology **Kamla Nehru** *Mahavidyalaya, Nagpur from* 8th Mar to 31st Mar 2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Mohini Mehar *on Satisfactory completion of the* Biofertilizer formulation from agricultural waste & Crop Improvement through Biotechnology *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Biotechnology *Kamla Nehru Mahavidyalaya, Nagpur from* 8th Mar to 31st Mar 2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Kajal Keshav Gobade *on*
Satisfactory completion of the Biofertilizer formulation from agricultural waste & crop improvement through Biotechnology *Certificate course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Biotechnology
Kamla Nehru Mahavidyalaya, Nagpur from 8th Mar 2021 to 31st Mar 2021

He/She Passed at the Examination in Grade A

Course Co-ordinator	Principal Kamla Nehru Mahavidyalaya, Nagpur	Director Dept. of Lifelong Learning and extension, R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Tanveer Sheikh *on Satisfactory completion of the* Biofertilizer formulation from agricultural waste & crop improvement through Biotechnology *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Biotechnology *Kamla Nehru Mahavidyalaya, Nagpur from* 8th Mar. to 31st Mar. 2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Saloni chahande *on*
Satisfactory completion of the Biofertilizer formulation from agricultural Waste & crop improvement through Biotechnology *certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Biotechnology
Kamla Nehru Mahavidyalaya, Nagpur from 8th Mar to 31st Mar 2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

KAMLA NEHRU MAHAVIDYALAYA

Department of Biotechnology

Session 2020-21

Report

AIM: certificate course on "**Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology**"

Beneficiary: 146 students

Duration: 8th March, 2021 to 31st March, 2021

Details: One month certificate course on "Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology" under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of Biotechnology, Kamla Nehru Mahavidyalaya, Nagpur was organized from 8th March, 2021 to 31st March, 2021. The aim of the certificate was to develop integrated and environmentally sound agriculture waste management practices and to train the participants with advance techniques which are demanding in Plant Tissue Culture Industries & Research. The syllabus of this certificate course includes Introduction to different methodology of composting, biofertilizers and their advantages, Introduction and scope of Plant tissue culture(PTC), Instrumentation, Micropropogation, Embryo culture, Development of transgenic plant by Agrobacterium mediated transformation. Introduction about advance molecular biology techniques such as isolation of genomic DNA, plasmid isolation, RFLP technique etc., and related practical's and also students got opportunity to had discussion with eminent expert from national research institutes like CSIR-NEERI & ICAR-CICR, Nagpur. Dr. S. B. Nandeshwar, Ex-Scientist, CICR highlighted the topic of advance genetic engineering tools like plant tissue culture, transformation by Agrobacterium, etc. via lecture/practical demonstration through online mode.

Mr. Vilas Yeole, Agronomist officer, Biocare Pvt. Ltd., Nagpur and Dr. Akshay Tripathi, Scientist, Biocare introduced tools, techniques and application on "Biofertilizer formulation using different substrate and its commercial use. Also topic such as "Hunting of Bacteria for Biofertilizer" was well discussed and elaborated by Dr. Alok Rai, Associate Prof., S.K.Porwal College, Kamptee. The topic of practical importance "Liquid Biofertilizer formulation" was introduced by Dr. Aarti Shanware, Head, RGBC, Nagpur. The affirmative aspect of bacteria such as biofilm formation, bioremediation was also explained by experts like Dr. Amit Bafana, Scientist, NEERI and Dr. K. Velmourougane, Scientist, CICR, Nagpur. The other experts who contributed in this certificate course were Dr. B.K.Sarangi, Dr. Vinay Tule, Mr. Suraj Kombe, Dr. Y. Thakkar who enlighten the students with their expertise in varied topics and experience.

Outcome:

- All students get benefited and informed about different tools and techniques related to Biofertilizer and its formulation method
- Knowledge about tissue culture techniques and solid waste management practices
- Opportunity to had discussion with scientific experts and participants get benefited by different subject scientific experts through their lectures and experimental demonstration.

Kamla Nehru Mahavidyalaya, Nagpur

Department of Environmental Science
Session 2020-2021

COURSE SCHEDULE

Certificate Course

Start Date: 08/03/2021

Course Title	Duration	Total Hours
Agricultural Waste Management	1 Month	60 Hours

Value Added Course

Sr. No.	Course Title	Total Hours	Start Date
1	Water Quality Monitoring	30 Hours	04/01/2021
2	Environmental Monitoring and Instrumentation	30 Hours	01/02/2021
3	Green Technology For Sustainable Development	30 Hours	15/03/2021

Note:

- For Registration Details contact Miss. Neha K. Thakur
- The Course is for UG & PG
- **Venue:** Department of Environmental Science

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 913 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Kamla Nehru College,
Nagpur.

No.DOLLE/151/21
Dated : 24.02. 2021

Subject : Sanction for Conducting Online Short Term Courses under Jeevan Shikshan Abhiyan on No Grant Basis.

Sir/Madam,

With reference to your proposal for conducting Online Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal have been accepted by the Department and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Beautification	1 Month	50	300/-	10%
2	Certificate Course in Nursery Techniques with Special reference to floriculture	15 days	60	200/-	10%
3	Certificate Course in Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology	1 Month	60	300/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Cookery and Food Preservation	2 Months	50	500/-	10%
6	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
7	Certificate Course in Synthesis and Applications of Advanced Polymers	15 days	100	200/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. **Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.**
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.** Please communicate your acceptance within **a month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith. Also send a soft copy in CD/Pen drive.**

Your's faithfully,

Kamla Nehru Mahavidyalaya Nagpur
Environmental Science Department
Certificate Course
On
"Agricultural Waste Management"
Syllabus

Part I: Definition of Waste, Source of Waste, Industrial waste, Commercial Waste, Domestic waste, Agricultural waste, Types of Waste, Biodegradable waste and Non-Biodegradable waste, Importance of waste Management, Scientific Way of Waste Management, Efficient Management of Landfills, Concept of 3R, Zero waste System, Benefits of Waste Management.

Part II: Indian Scenario on waste Management, Recommendation to Managed waste effectively, Introduction of Agricultural Waste, Practice Related to Agriculture and Source of Agricultural Waste, Specific hazards related to agricultural waste .

Part III: Vermicomposting Introduction, Design Consideration, Large Scale, Small Scale, Ablebto worm Species, Climate and Temperature. Feedstock, Small-scale or home system, Large scale or commercial. Harvesting, Properties, Benefits, Uses, Operation and Maintenance, Application in India. Vermiwash Introduction, Setting up of vermiwash Unit, Composition, Use of Vermiwash, Procedure for use.

Unit IV: Organic Farming, Methods for Crop Improving and waste management in agricultural field, Compost forming, Biogas from waste, Procedure for Production of biogas and its Maintenance. Fodder for animals and recovery from waste.

Practical:

1) Solid waste sampling /Soil sampling
2) Sample Preparation (Soil/Solid Waste)
3) Analytical Method for analysis of sample
4) Estimation of Moisture content in Soil / Solid Waste/ Fertilizer
5) Determination of calcium in Soil / fertilizer
6) Estimation of NPK in soil/ fertilizer
7) Estimation of total carbon in soil/fertilizer
8) Determination of C:N ratio in Soil /Fertilizer

PRINCIPAL
Kamla Nehru Mahavidyalaya

Kamla Nehru Mahavidyalaya

Department of Environmental Science

Certificate Course

On

Agricultural Waste Management

Time Table

Session: 2020-2021

Sr. No.	Date	Time	Theory	Time	Practical
1.	08/03/2021	3.00 to 4.00 pm	Miss Neha K. Thakur	4.00 to 5.00 pm	Miss Chandni Kachave
2.	09/03/2021	3.00 to 4.00 pm	Miss. Chandani Kachave	4.00 to 5.00 pm	Miss Neha Thakur
3.	10/03/2021	3.00 to 4.00 pm	Mrs. Padmaja Shahakar	4.00 to 5.00 pm	Mrs. Padmaja Shahakar
4.	12/03/2021	3.00 to 4.00 pm	Dr. S.B. Nandeshwar	4.00 to 5.00 pm	Ms. Neha Thakur
5.	13/03/2021	3.00 to 4.00 pm	Dr. S.B. Nandeshwar	4.00 to 5.00 pm	–
6.	15/03/2021	3.00 to 4.00 pm	Dr. S.B. Nandeshwar	4.00 to 5.00 pm	Dr. S.B. Nandeshwar
7.	16/03/2021	3.00 to 4.00 pm	Dr. Manikandan	4.00 to 5.00 pm	–

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

8.	17/03/2021	3.00 to 4.00 pm	Dr. Velmourougane	4.00 to 5.00 pm	–
9.	18/03/2021	3.00 to 4.00 pm	Dr. Amit Bafna	4.00 to 5.00 pm	–
10.	19/03/2021	3.00 to 4.00 pm	Mr. Vilas Yeole	4.00 to 5.00 pm	–
11.	20/03/2021	3.00 to 4.00 pm	Dr. Akshay Tripathi	4.00 to 5.00 pm	–
12.	21/03/2021	3.00 to 4.00 pm	Dr. Vinay Tule	4.00 to 5.00 pm	–
13.	22/03/2021	3.00 to 4.00 pm	Dr. Alok Rai	4.00 to 5.00 pm	–
14.	23/03/2021	3.00 to 4.00 pm	Dr. Kombe	4.00 to 5.00 pm	–
15.	24/03/2021	3.00 to 4.00 pm	Dr. Y. Thakkar	4.00 to 5.00 pm	–
16.	25/03/2021	3.00 to 4.00 pm	Dr. Arti Shanware	4.00 to 5.00 pm	–
17.	26/03/2021	3.00 to 4.00 pm	Ms. Sheetal Balpande	4.00 to 5.00 pm	Ms. Sheetal Balpande
18.	27/03/2021	3.00 to 4.00 pm	Dr. B. K. Sarangi	4.00 to 5.00 pm	–
19.	30/03/2021	3.00 to 4.00 pm	Mrs. Padmaja Shahakar	4.00 to 5.00 pm	Mrs. Padmaja Shahakar
20.	31/03/2021	3.00 to 4.00 pm	Ms. Neha Thakur	4.00 to 5.00 pm	Ms. Neha Thakur
21.	01/04/2021	3.00 to 4.00 pm	Mr. Kaustubh Marpalliwar	4.00 to 5.00 pm	Ms. Sheetal Balpande

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Sakkardara Chowk, Nagpur

22.	03/04/2021	3.00 to 4.00 pm	Ms. Chandani Kachave	4.00 to 5.00 pm	Ms. Chandani Kachave
23.	05/04/2021	3.00 to 4.00 pm	Ms. Sheetal Balpande	4.00 to 5.00 pm	Mrs. Padmaja Shahakar
24.	06/04/2021	3.00 to 4.00 pm	Mr. Kaustubh Marpalliwar	4.00 to 5.00 pm	Ms. Neha Thakur
25.	09/04/2021	3.00 to 4.00 pm	Objective Test		

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Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

Department of Environmental Science

Certificate Course

On

Agricultural Waste Management

Attendance Sheet

Session: 2020-2021

Name of Student	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
vati Rathod	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
uri Shriwaskar	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P
tesh Mandade	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
kshada Urshilkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ojaWanve	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

nal Ganvir	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P
anshi Lonare	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
ki Mohod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Dhopte	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
ti Godbole	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
ya Shinde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
h Landge	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
shka Wandhare	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
Mahule	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
m Sangrame	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
edha Borkar	P	P	P	P	P	A	A	P	P	P	A	P	P	P	P
ari Zode	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
a Dhanorkar	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
Akare	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P

anmay Choudhari	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
harvari Gadge	P	P	P	P	P	P	P	P.	P	P	P	P	P	P	P
Iohini Dhavale	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
ejal Kunte	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
akshi Wandhare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
upoor Bhurle	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
rapti Suhas	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
ashmi Bire	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
hruti Bhange	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
hruti Dhoke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
bin Abraham	P	P	A	A	P	P	P	P	P	P	A	A	A	P	P
neha Sadawarte	P	P	P	P	P	P	A	P.	P	P	P	P	P	P	P
eema Hedau	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
tulesh Janbandhu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

4.	Sheshraj Masram	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P				
5.	Ankita Mane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
6.	Shanghai Kamle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
7.	Harsh Gode	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P				
8.	Vaishnav Kadhao	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P				
9.	Arya Darodkar	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P				
10	Samiksha Raghorte	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P				
11.	Prachi Bansod	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P				
12.	Rashmi Paunikar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
13.	Shubhankar Khangar	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P				
14.	Devendrakumar	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P				
15.	Swati Tule	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
16.	Gouri Shendre	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P				
17.	Ajay Shingne	P	P	P	P	P	P	P	P	A	A	A	P	P	P	P				

IshwariRaut	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
Diya Chinchghare	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P.
Vaishnavi Shende	P	P.	P	P	A	P	P	P	P	P	P	P	P	P	P.
Manisha Dhone	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya

Department of Environmental Science

Certificate Course

On

Agricultural Waste Management

Attendance Sheet

Session: 2020-2021

Name of Student	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
Swati Rathod	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P
GauriShriwaskar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
Hitesh Mandade	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
AkshadaUrshilkar	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P

oojaWanve	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
IrunalGanvir	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
ivyanshiLonare	P	P	P.	P	P	P	P	P	P	P	P	P	P	P	P
etakiMohod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
ejal Dhopte	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
hruti Godbole	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
hreya Shinde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
vesh Landge	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
nushka Wandhare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
itu Mahule	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
ritam Sangrame	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
umedha Borkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
hwari Zode	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
urva Dhanorkar	P	P	P	P	P	P	P	P	P	P	P	P.	P	P	P.

eha Akare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
anmay Choudhari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
harvari Gadge	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Iohini Dhavale	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
ejal Kunte	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
akshi Wandhare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Iupoor Bhurle	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
rapti Suhas	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
Rashmi Bire	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Shruti Bhange	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Shruti Dhoke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Abin Abraham	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Sneha Sadawarte	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
Seema Hedau	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Atulesh Janbandhu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Sheshraj Masram	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P.
Ankita Mane	P	P	P	P	P	P	P	P	P	P	P	P.	P	P	P.
Shanghai Kamle	P	P	P	P	P	P	P	P	P.	P	P	P	P	P	P
Harsh Gode	P	P	P	A	A	P	P	P	P	A	P	P	P	P	P
Vaishnav Kadhao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
Arya Darodkar	P	P.	P	A	P	P	P	P	P	P	P	P	P	P	P
Samiksha Raghorte	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
Prachi Bansod	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Rashmi Paunikar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Shubhankar Khangar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Devendra kumar	P	P	A	P	P	P	P	P.	P	P	P	P	P	P	P.
Swati Tule	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P.
Gouri Shendre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Ajay Shingne	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P
shwari Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Diya Chinchghare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
Vaishnavi Shende	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
Manisha Dhone	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P.

Principal
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Sakkardara Chowk, Nagpur.

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Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Ajay Shingney *on Satisfactory completion of the* Agricultural Waste Management *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Environmental Science *Kamla Nehru Mahavidyalaya, Nagpur from* 8th March 2021 - 9th April 2021.

He/She Passed at the Examination in Grade B

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

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R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Gouri Shendre *on Satisfactory completion of the* Agricultural Waste Management *..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Environmental Science *Kamla Nehru Mahavidyalaya, Nagpur from* 8th March 2021 - 9th April 2021.

He/She Passed at the Examination in Grade B

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

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CERTIFICATE

Awards this certificate to Sh/i/Smt./Miss. Swati Tule *on*

Satisfactory completion of the Agricultural Waste Management

..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong

Learning and Extension in collaboration with Department of Environmental Science

Kamla Nehru Mahavidyalaya, Nagpur from 8th March 2021 – 9th April 2021.

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Rashmi Paunikar *on*
Satisfactory completion of the Agricultural Waste Management
Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Environmental Science
Kamla Nehru Mahavidyalaya, Nagpur from 8th March 2021 - 9th April 2021.

He/She Passed at the Examination in Grade B

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Certificate Course on "Agriculture Waste Management"

Session 2020-2021

Photographs



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Dr. Shweta

n
94 others

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(NAAC Re-accredited with A+ grade –CGPA 3.53)

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Department of Cosmetic Technology

Session 2020-2021

Organizing

Value Added Course (30 Hrs) and Certificate Course (58 Hrs)

Patrons

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Sewa Mandal, Nagpur

Hon'ble Adv. Abhijit Wanjarri
MLC and Secretary , Amar Sewa Mandal, Nagpur

Hon'ble Dr. Smeetaa Wanjarri
Treasurer, Amar Sewa Mandal, Nagpur

Organizer
Dr. Dilip Badwaik
Principal

Course Highlights

❖ ***Value Added Courses*** *(Date: 10/02/2021 to 28/02/2021)*

1. *Skin Care (For BCT Semester II)*
2. *Hand and Feet Care (For BCT Semester IV)*
3. *Professional Makeup Techniques (For BCT Semester VI)*
4. *Personality Development (For BCT Semester VIII)*
5. *Effective Writing (For MCT Semester II)*
6. *Entrepreneurship Skill Development (For MCT Semester IV)*

❖ ***Certificate Course*** *(Date: 08/03/2021 to 31/03/2021)*

1. *Beautification (For BCT Semester V)*

For Admission Contact
Dr. Ketki Misar,
Head Department of Cosmetic Technology,
9822810291



cosmetic

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

No.DOLLE/151/21
Dated : 24.02. 2021

To,
The Principal
Kamla Nehru College,
Nagpur.

Email
✓

Subject : **Sanction for Conducting Online Short Term Courses under Jeevan Shikshan Abhiyan on No Grant Basis.**

Sir/Madam,

With reference to your proposal for conducting Online Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal have been accepted by the Department and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Beautification	1 Month	50	300/-	10%
2	Certificate Course in Nursery Techniques with Special reference to floriculture	15 days	60	200/-	10%
3	Certificate Course in Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology	1 Month	60	300/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Cookery and Food Preservation	2 Months	50	500/-	10%
6	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
7	Certificate Course in Synthesis and Applications of Advanced Polymers	15 days	100	200/-	10%

Signatu

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. **Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.**
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.** Please communicate your acceptance within **a month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith. Also send a soft copy in CD/Pen drive.**

Your's faithfully,

Director

Certificate Course in Beautification

Syllabus

Theory

1. **Skin Care – Basic skin care, skin types, daily skin care routine**
    - Cleansing
    - Toning
    - Moisturizing
2. **Hair Care – Basic hair structure, types of hairs, hair care routine,**
    - Hair cleansing
    - Oiling
    - Shampooing
    - Conditioning
3. **Health care and Yoga**
    - Diet and nutrition
    - Beauty nutrients
    - Exercise and Yoga
    - Relaxation
    - Personal Hygiene

Practical

4. **Make up**
    - Preparing face for make up
    - Use of foundation
    - Eye make up
    - Lip makeup
    - Hairstyle
    - Bridal makeup
    - Party make up
    - Day makeup

KAMLA NEHARU MAHAVIDYALAYA NAGPUR

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya
Sakkardara Square, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Department of Cosmetic Technology

In Collaboration with Lifelong Learning and Extension, RTM Nagpur University, Nagpur

Organized Certificate Course in Beautification

Session 2020-21

Time Table

S.N.	Date	Time	Name of Faculty	Topic Covered
1	08-03-2021	11:00 am to 1:00 pm	Mrs. ShilpaMotghare	Aesthetic skin Treatment
2	09-03-2021	11:00 am to 1:00 pm	Dr. Ketki Misar	Beautification Course-Syllabus Introduction, Structure of Skin and care
			Mrs. Meenakshi P.Bokde	Importance of Exercise
3	10-03-2021	11:00 am to 1:00 pm	Ms.PratikshaKhadsinge	Facial Techniques
4	12-03-2021	11:00 am to 1:00 pm	Mrs. HeenaPopali	Skin Lightening Treatment, Exfoliation- Brushing unit
5	13-03-2021	11:00 am to 1:00 pm	Mrs. HeenaPopali	Microdermabrasion
6	15-03-2021	11:00 am to 1:00 pm	Mrs. HeenaPopali	Make up- Natural Look/ Day make-up
7	16-03-2021	11:00 am to 1:00 pm	Mrs. HeenaPopali	Client Consultation for make-up
8	17-03-2021	11:00 am to 1:00 pm	Dr. SonalKolte	How Food Acts as a medicine for Skin and Hair Beauty
9	18-03-2021	11:00 am to 1:00 pm	Dr. SonalKolte	Skin And Hair Nutrition
10	19-03-2021	11:00 am to 1:00 pm	Mrs. Avanti A. Paranjape	Hair Care, Hair style - Personal Hygiene
11	20-03-2021	11:00 am to 1:00 pm	Ms.RuchiraGajbhiye	Colour Matching Theory for Professional Makeup
12	22-03-2021	11:00 am	Dr. RashmiAkolekar	Herbal Remedies for Skin

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		to 1:00 pm		and Hair Care
13	23-03-2021	11:00 am to 1:00 pm	Dr. RashmiAkolekar	Health Care and Yoga
14	24-03-2021	11:00 am to 1:00 pm	Dr. RashmiAkolekar	Yoga Practical
15	25-03-2021	11:00 am to 1:00 pm	Dr. Ketki S. Misar	Hair care and Style Conduction of Quiz
16	26-03-2021	11:00 am to 1:00 pm	Mrs. Sneha N.Sambhare	General skin care, Bridal Make-up
			Ms.Manjusha H.Taywade	Personal Hygiene and Relaxation
17	27-03-2021	11:00 am to 1:00 pm	Mrs. Avanti A. Paranjape Ms.PratikshaKhadsinge	Videos on Skin care and Hair care practical Course Quiz for practise
18	30-03-2021	11:00 am to 1:00 pm	Mrs. Avanti A. Paranjape Ms.PratikshaKhadsinge	Videos on Party Make up Course Quiz for practise
19	31-03-2021	11:00 am to 1:00 pm	Ms.Manjusha H.Taywade Mrs. Avanti A. Paranjape Ms.PratikshaKhadsinge	Test of certificate Course

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Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya, Sakkardara, Nagpur

Department of Cosmetic Technology

Certificate Course in Beautification [Attendance Sheet]

Session 2020-2021

(8-03-2021 to 31-03-2021)

		Daily Attendance																		
		Day-1	Day-2	Day-3	Day-4	Day-5	Day-6	Day-7	Day-8	Day-9	Day-10	Day-11	Day-12	Day-13	Day-14	Day-15	Day-16	Day -17	Day 18	Day 19
S.N.	Student Name																			
1.	Achal Anil Modak	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P
2	Aditi Padam Dhande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Aishwarya Umesh Vinchurkar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Anjali Prakash Baksare	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
5	Apeksha Rahul Meshram	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
6	Apurva AvinashBangale	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
7	BhavanaVishwanathBeni	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Damini Ashokrao Mohurle	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	Dikshita Ajay Kelwadkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	KalyaniDattajiPadole	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
11	Kalyani Sunil Bhusari	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
12	Madhura Sunil Bangale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	MansiSahebraoDeshmukh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Monika DilipKene	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	MrunaliDoliramBhendarkar	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
16	MrunaliMadhukarPalandurkar	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
17	Nikita SukaracharyaKurzekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	PoojaRajendraThakare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,

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Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Daily Attendance

S.N.	Student Name	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6	Day-7	Day-8	Day-9	Day-10	Day-11	Day-12	Day-13	Day-14	Day-15	Day-16	Day-17	Day-18	Day-19
19	PrachiPrashantGathade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Pragati DhanrajGondane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	Priyanka Vilas Narnaware	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	RajshreeDattujiDekate	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
23	RitikaPradipBeni	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
24	RupalDurgeshPardhi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	Sahil Rajesh Pawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	SanjivaniChandujiTitarmare	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
27	Sanskruti Sanjay Nimje	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	SeemabRiyazShaikh	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
29	Shamlee Ganesh Nagulkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
30	ShreyaNarendraMahatme	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	Snehal Suresh Moundekar	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
32	TejswiniVasudeoChoudhary	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	UnnatiChaitramTitarmare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
34	VaishnaviRajendraMagar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	VishakhaVasantaParate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Aachal Vilas Hatel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Sakkardara Square, Nagpu

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

		Daily Attendance																		
		Day-1	Day-2	Day-3	Day-4	Day-5	Day-6	Day-7	Day-8	Day-9	Day-10	Day-11	Day-12	Day-13	Day-14	Day-15	Day-16	Day-17	Day 18	Day 19
S.N.	Student Name																			
37	AnkitSanghrakshitGajbhiye	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	Kajal Rajiv Bardikar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	MahimaRavindraRaut	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	Mona PurushottamWankhede	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	PranjalShyamSelokar	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
42	PratikshaBhaskarMarwadkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	PratikshaKrushnaMeshram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	ShireenLiyakatQureshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	ShubhamVishwanthLaha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	SonaliKishorShambarkar	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	Sumeet Anil Bhankhede	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
48	AboliBaburaoBulbule	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	HarshadaNarhariNimje	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
50	RashiVikasRawtal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	Renuka Rajesh Jangde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	SnehaSatyaprakshMangtani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	TruptiSubhashKapgate	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P

H. O. D.
Cosmetic Technolo
Kamla Nehru Mahavidyalay
Sakkardara Square, Nagp

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk Nag

WANJARRI GROUP

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Madhuna S. Bangale *on*
Satisfactory completion of the Beautification
Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of Cosmetics Technology
Kamla Nehru Mahavidyalaya, Nagpur from 08-03-2021 *to* 31-03-2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Nikita S. Kurzekar *on*
Satisfactory completion of the Beautification
Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of Cosmetic Technology
Kamla Nehru Mahavidyalaya, Nagpur from 08-03-2021 *to* 31-03-2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Aachal V. Hatel *on*
Satisfactory completion of the Beautification
Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Cosmetic Technology
Kamla Nehru Mahavidyalaya, Nagpur from 08-03-2021 to 31-03-2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University



Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Shireen L. Ansari *on*
Satisfactory completion of the Beautification
Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of Cosmetic Technology
Kamla Nehru Mahavidyalaya, Nagpur from 08-03-2021 *to* 31-03-2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Rashi V. Bansal *on*
Satisfactory completion of the Beautification
Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of Cosmetic Technology
Kamla Nehru Mahavidyalaya, Nagpur from 01-03-2021 *to* 31-03-2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
In Collaboration with Lifelong Learning and Extension,
RTM Nagpur University, Nagpur
Certificate Course in Beautification
Session 2020-2021

Aim and Objective

1) To make students aware about Skin, hair and health.
2) To inculcate knowledge of Beauty products and its applications.
3) To make students aware of latest trends in Makeup and beauty services.
4) To get information regarding advanced beauty treatments including uses of various instruments like face steamer, head steamer, blow dryer, sonic pillar, high frequency etc.
5) To make student aware about proper diet, nutrition and exercise.
6) To build the entrepreneurship skill among students for beauty related business.

About Certificate Course in Beautification

- Department of Cosmetic Technology conducted Certificate Course in **Beautification** from 08-03-2021 to 31-03-2021. Topics covered in Certificate course were Cleansing, Toning, Moisturizing, Day Make-up, Party Make-up, Bridal Make-up, Yoga and Ayurvedic beauty treatments, Health and wellness, etc.
- Students were first taught the theoretical aspects in the theory classes and all queries were satisfied.
- They were shown all the recent professional Make-up products and Implements by Professional Make-up artists, Skin care Experts, Dietician and beauty trainers as resource persons.
- The students were given demonstration of different Make-up types as per the client's skin, age and requirement.
- They were asked to do practice for all kinds of Make-up practically under Teacher's supervision.
- Certificates were distributed after completion of the course.

Outcome of the Certificate Course –

1. Students learnt about recent beauty treatments.
2. Students became aware about various latest National and International beauty brands.
3. The course helped students to build confidence in them regarding self entrepreneurship for beauty business.

Number of Beneficiaries - 53

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Cosmetic Technology
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

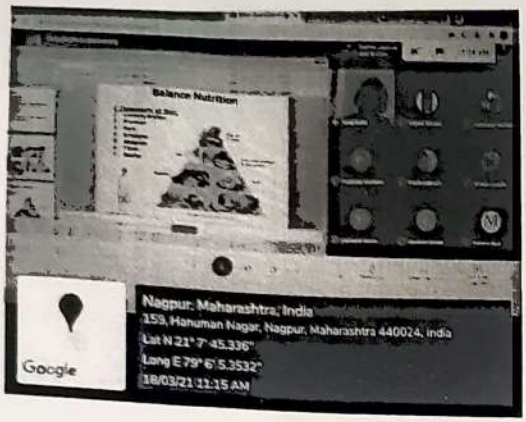
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

Department of Cosmetic Technology

Certificate Course in Beautification

Session 2020-2021









H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur.

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

KAMLA NEHRU MAHAVIDYALAYA NAGPUR

Amar Seva Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(Going to be accredited with A+ grade - CGPA 3.51)

Department of Botany
Organizing
Value Added Course and Certificate Course
2020-2021

Course highlight

- **Value added course (30 hrs.)**
  Date: 15/03/2021 to 31/03/2021
  - Flower Arrangement (for B.Sc sem III)
  - Preservation Techniques for Plants (for M.Sc I yr)
  - Miniature Garden (for M.Sc IIyr)

- **Certificate course (60 hrs.)**
  Date: 19/03/2021 to 02/04/2021
  - Nursery Techniques with Special Reference to Floricultutre

For admission contact: Dr. V. Y. Charjan
Head, Department of Botany
Mb. No.- 9373767784

Patrons:

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Seva Mandal
Nagpur

Hon'ble Adv Abhijit Wanjarri
MLC and Secretory,
Amar Seva Mandal, Nagpur

Hon'ble Dr. Smeetaa Wanjarri
Treasurer, Amar Seva Mandal
Nagpur

Organizer:
Dr. Dilip Badwaik
Principal

Botany.

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Maharashtra Vide Notification No. 512 dated the 31st of August, 1923 & Declared a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Kam[illegible] Nehru College,
Nagpur.

No.DOLLE/151/21
Dated . 24.02. 2021

Subject : **Sanction for Conducting Online Short Term Courses under Jeevan Shikshan Abhiyan on No Grant Basis.**

Sir/Madam,

With reference to your proposal for conducting Online Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal have been accepted by the Department and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Beautification	1 Month	50	200/-	[illegible]
2	Certificate Course in Nursery Techniques with Special reference to floriculture	15 days	60	200/-	
3	Certificate Course in Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology	1 Month	60	300/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Cookery and Food Preservation	2 Months	50	500/-	10%
6	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
7	Certificate Course in Synthesis and Applications of Advanced Polymers	15 days	100	200/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. **Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.**
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.**
   Please communicate your acceptance within **a month and submit the Initial Report**
   Submit the List of Students admitted in the excel format attached herewith.
6. **Also send a soft copy in CD/Pen drive.**

Your's faithfully,
pwratech

Kamla Nehru Mahavidyalaya, Nagpur

Department Of Botany

Certificate Course

Topic: - Nursery Techniques With Special Reference To Floriculture

Proposed syllabus:-

Module 1 :- Basic Information About Nursery And Nursery Production.

Module 2 :- Nursery Management And Scope.

Module 3:- Types Of Nursery.

Module 4 :- Tools Required For Nursery Development .

Module 5:- Selection Of Plant For Nursery Development According To Type Of Nursery.

Module 6 :- Selection Of Site And Soil For Nursery.

Module 7 :- Preparation Of Nursery Beds.

Module 8 :- Propagation Of Ornamental Plants By Seeds , Bulbs, And Layering .

Module 9 :- Propagation Of Ornamental Plants By Cutting, Grafting And Budding Etc.

Module 10 :- Plant Protection Measures , Weed Control Irrigation Techniques For Plants.

Module 11:- Environment, Lay Out Manual Fertilization of Nursery.

Module 12 :- Information About Pests And Disease Of Ornamental Plant.

Module 13 :- Maintenance Of Nursery .

Module 14 ;- Packaging Of Plants For Transportation.

Module 15 :- Selling And Marketing Strategy .

Head of the Deptt.

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

Department of Botany

2020-2021

Time Table

Certificate course on "**Nursery Techniques with special reference to Floriculture**"

Days	Time
Monday	11:00 AM- 2:00 PM
Tuesday	11:00 AM -2.00 PM
Wednesday	11:00 AM -2.00 PM
Thursday	11:00 AM -2.00 PM
Friday	11:00 AM -2.00 PM
Saturday	11:00 AM -2.00 PM
Sunday	11:00 AM -2.00 PM



KAMLA NEHRU MAHAVIDYALAYA

Department of Botany

Certificate course on "Nursery Techniques with special reference to Floriculture"

Session (2020-2021)

Duration – 15 days

Date : 19-03-2021 to 02-04-2021

Attendance Sheet

Sr. No.	Name of Students	19/03	20/03	21/03	22/03	23/03	24/03	25/03	26/
1	Aishwarya Dilip Falke	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aish
2	Anjali Sudhakar Selokar	Anjali	A	Anjali	Anjali	A	Anjali	Anjali	An
3	Ankita Ashok Thakare	Ankita	Ankita	Ankita	Ankita	A	Ankita	Ankita	An
4	Ashwini Neralwar	Ashwini	Ashwini	A	Ashwini	Ashwini	A	Ashwini	
5	Bhagyashree Devendra Fulbandhe	Fulbandhe	Fulbandhe	Fulbandhe	Fulbandhe	Fulbandhe	Fulbandhe	A	
6	Bhagyashri D. Kadhe	Kadhe	Kadhe	Kadhe	A	Kadhe	A	Kadhe	
7	Bhavita Prabhakar Raut	Bhavita	Bhavita	Bhavita	Bhavita	Bhavita	Bhavita	Bhavita	
8	Deepali Murlidhar Bharde	Deepali	A	Deepali	Deepali	A	A	Deepali	De
9	Diksha Gunavant Fuse	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	
10	Diksha Radheshyam wahane	Diksha	A	A	Diksha	Diksha	Diksha	Diksha	Dik
11	Gayatri namdev pimple	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	A	Ga
12	Harsh Dhoble	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	
13	Isha Shantaramji Belekar	Isha	Isha	A	Isha	Isha	Isha	Isha	Is
14	Jayshri Dattuji Shegokar	Jayshri	Jayshri	Jayshri	Jayshri	Jayshri	Jayshri	Jayshri	Ja
15	Kajal Jayanta Rajguru	K. Rajguru	K. Rajguru	K. Rajguru	K. Rajguru	A	A	K. Rajguru	K.
16	Karishma panjabrao gharde	Gharde	Gharde	Gharde	Gharde	Gharde	Gharde	A	
17	Ketaki mohan mohod	Ketaki	Ketaki	Ketaki	Ketaki	A	Ketaki	Ketaki	K
18	Khushal Baliram Landge	KBL	KBL	KBL	KBL	KBL	A	KBL	
19	Kinjal shende	Kinjal	Kinjal	A	Kinjal	Kinjal	Kinjal	Kinjal	K
20	Kshitija dive	Kshitija	Kshitija	Kshitija	Kshitija	Kshitija	A	Kshitija	
21	Manisha Patiram Raut	Mraut	Mraut	Mraut	Mraut	Mraut	Mraut	Mraut	Mraut
22	Mayuri Ravindra Hattewar	Mayuri	Mayuri	A	Mayuri	Mayuri	Mayuri	Mayuri	M
23	Mayuri sunil deogirikar	mayuri	A	mayuri	A	mayuri	A	A	A
24	Megha R Patle	Megha	megha	megha	megha	megha	megha	megha	me
25	Monika Dayaram Narnaware	Monika	Monika	Mnika	Mnika	Monika	Monika	Mnika	Mo
26	Nanda Madhukar Meshram	Nanda	Nanda	Nanda	A	Nanda	Nanda	Nanda	Nanda
27	Nikita Chandu Dhale	Nikita	Nikita	Nikta	Nikita	Nikta	Nikta	Nikta	Nikta
28	Nisha Kisnaji Dhawale	Nisha	Nisha	Ni-sha	Nisha	Nisha	Nisha	Nisha	Nisha
29	Niwanti G Dhongade	Niwanti	A	Niwati	A	A	A	A	A
30	Pallavi Namdeo Dhoke	Dhoke	Dhoke	A	Dhoke	Dhoke	Dhoke	Dhoke	Dhok
31	Pallavi Nayak	Nayak	A	Nayak	Nayak	A	Nayak	Nayak	Nayak
32	Pooja Dipak Nikhar	Pooja	Pooja	A	Pooja	Pooja	A	Pooja	
33	Pooja Naresh udole	Pooja	Pooja	Pooja	Pooja	A	Pooja	Pooja	
34	priyanka Bhaulal Damalie	priyanka	priyanka	priyanka	priyanka	priyanka	priyanka	priyanka	priyank
35	Puja Namdeo maske	pmaske	pmaske	pmaske	A	pmaske	pmaske	pmaske	pmaske

36	Purva Gulabii Shende							
37	Reshma Mukesh Lanjewar							
38	Ritu shivanth gaikwad							
39	Rohini Deepak wani ar							
40	Ruma Tapan Dhali							
41	Rupali Digambar Dhawale							
42	Rupali marotrao uike							
43	Rutuja Ghanshyam Tulankar							
44	Sakshi. J. Gajbhiye							
45	Saloni sharma							
46	Samiksha Babarao Dakhare							
47	Samiksha Chandrashekhar Khode							
48	Samiksha vilas makde							
49	Santoshi Suresh Khorgade							
50	Sarika Ramesh Wadhi							
51	Sejal Vivekrao Chaudhari							
52	Shivam Rambhau thute							
53	Shranshu Parasmani zade							
54	Shruti Meshram							
55	Shruti v surywanshi							
56	Shrutika Anil Gaikwad							
57	Shubham Dhanraj Shahane							
58	Shubhangi girde							
59	Shweta Gitaram Bangre							
60	Sneha laxman shende							
61	Sneha Ramesh Sahare							
62	Suyog chandrashekhar somkuwar							
63	Tejaswini yadavrao pilondre							
64	Ujwala Charandas Neware							
65	Urvashi Mondhe							
66	Vaishnavi bharat torkadi							

KAMLA NEHRU MAHAVIDYALAYA

Department of Botany

Certificate course on "**Nursery Techniques with special reference to Floriculture**"

Session (2020-2021)

Duration – 15 days

Date : 19-03-2021 to 02-04-2021

Attendance Sheet

Sr. No.	Name of Students	27/03	28/03	29/03	30/03	31/03	01/04	02/
1	Aishwarya Dilip Falke	Aishya		Aishwye	Aishya.	Aishya.	Aishwya	Aish
2	Anjali Sudhakar Selokar	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anja
3	Ankita Ashok Thakare	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita	Anki
4	Ashwini Neralwar	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	P
5	Bhagyashree Devendra Fulbandhe	Fulbandhe	Fulbandhe	Fulbande	fulbande	fulbande	fulbande	bub
6	Bhagyashri D. Kadhe	Kadhe	Kadhe	(A)	Kadhe	(A)	Kadhe	(A)
7	Bhavita Prabhakar Raut	bhaut	bhaut	bhaut.	bhaut	bhaut	bhaut	bha
8	Deepali Murlidhar Bharde	Deepali	(A)	Deepali	(A)	(A)	(A)	(A)
9	Diksha Gunavant Fuse	diksha	diksha	diksha	(A)	diksha	diksha	dik
10	Diksha Radheshyam wahane	Diksha	(A)	Diksha	(A)	(A)	(A)	(A)
11	Gayatri namdev pimple	gayatri	gayatri	gayatri	(A)	gayatri	gayatri	gaya
12	Harsh Dhoble	Harsh	Harsh	Harsh	Harsh	(A)	Harsh	(A)
13	Isha Shantaramji Belekar	Ibelekar	Ibelekar	Ibelekar	Ibelekar	(A)	Ibelekar	Ibel
14	Jayshri Dattuji Shegokar	Jayashri	Jayshr	Jayashri	Jayoshi	(A)	Jayashri	Jaya
15	Kajal Jayanta Rajguru	K.Rajguru	K.Rajguru	K.Rajguru	K.Rajguru	K.Rajguru	K.Rajguru	K.Raj
16	Karishma panjabrao gharde	gharde	(A)	gharde	gharde	(A)	gharde	ghar
17	Ketaki mohan mohod	Kmr	Kmr	Kmr	Kmr	Kmr	Kmr	Kmr
18	Khushal Baliram Landge	KBL	KBL	KBL	KBL	KBL	KBL	KBL
19	Kinjal shende	Kinjal	Kinjal	Kinjal	Kinjal	Kinjal	Kinjal	(A)
20	Kshitija dive	dive	dive	dive	(A)	dive	dive	(A)
21	Manisha Patiram Raut	Mraut	Mraut	Mraut	Mraut	(A)	Mraut	Mrau
22	Mayuri Ravindra Hattewar	Mayuri	Mayuri	Mayuri	Mayuri	Mayuri	Mayuri	(A)
23	Mayuri sunil deogirikar	Mayuri	Mayuri	Mayuri	(A)	Mayuri	Mayuri	Mayu
24	Megha R Patle	megha	megha	megha	megha	(A)	megha	mega
25	Monika Dayaram Narnaware	Monika	Monika	(A)	(A)	Monika	(A)	Mon
26	Nanda Madhukar Meshram	Nanda	Nanda	(A)	Nanda	Nanda	Nanda	Nan
27	Nikita Chandu Dhale	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Niki
28	Nisha Kisnaji Dhawale	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	
29	Niwanti G Dhongade	Dhoke	Dhoke	Dhoke	(A)	Dhoke	Dhoke.	Dh
30	Pallavi Namdeo Dhoke	P.N.D	P.N.D	P.N.D	P.N.D	P.N.D	P.N.D	P.N
31	Pallavi Nayak	Pnayak	Pnayak	Pnayak	Pnayak	Pnayak	(A)	PNa
32	Pooja Dipak Nikhar	Pooja	Pooja	Pooja	(A)	Pooja	Pooja	Poo
33	Pooja Naresh udole	Pooja	Pooja	Pooja	Pooja	Pooja	(A)	(A)
34	priyanka Bhaulal Damalie	priyanka	(A)	priyanka	priyanka	priyanka	(A)	pri
35	Puja Namdeo maske	pmaske	pmaske	pmaske	pmaske	pmaske	pmaske	pma

36	Purva Gulabii Shende								
37	Reshma Mukesh Lanjewar								
38	Ritu shivanth gaikwad								
39	Rohini Deepak wankar								
40	Ruma Tapan Dhali								
41	Rupali Digambar Dhawale								
42	Rupali marotrao uike								
43	Rutuja Ghanshyam Tulankar								
44	Sakshi. J. Gajbhiye								
45	Saloni sharma								
46	Samiksha Babarao Dakhare								
47	Samiksha Chandrashekhar Khode								
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56	Shrutika Anil Gaikwad								
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58	Shubhangi girde								
59	Shweta Gitaram Bangre								
60	Sneha laxman shende								
61	Sneha Ramesh Sahare								
62	Suyog chandrashekhar somkuwar								
63	Tejaswini yadavrao pilondre								
64	Ujwala Charandas Neware								
65	Urvashi Mondhe								
66	Vaishnavi bharat torkadi								

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Ankita A Thakare

Satisfactory completion of the "Nursery tech: with special reference to Floriculture" *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Learning and Extension in collaboration with Department of* Botany

Kamla Nehru Mahavidyalaya, Nagpur from 19.03.2021 to 02.04.2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Bhagyashree D. Fulbande ..... *on Satisfactory completion of the* "Nursery tech. with Special reference To Floriculture" ..... *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Botany ..... *Kamla Nehru Mahavidyalaya, Nagpur from* 19.03.2021 to 02.04.2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Bhagyashri D. Kadhe

Satisfactory completion of the "Nursery Tech. with Special reference to Floriculture" *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Botany

Kamla Nehru Mahavidyalaya, Nagpur from 19:03:2021 to 02:04:2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and Extension
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Kshitija Dive

Satisfactory completion of the "Nursery tech. with Special reference to Floriculture" *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Botany

Kamla Nehru Mahavidyalaya, Nagpur from 19.03.2021 to 02.04.2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and exten
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Manisha P. Raut

Satisfactory completion of the "Nursery tech: with Special reference to Floriculture" *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Botany

Kamla Nehru Mahavidyalaya, Nagpur from 19:03:2021 *to* 02:04:2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extens
R.T.M. Nagpur University

Kamla Nehru Mahavidyalaya

Department of Botany

Report

Certificate course 2020-2021

Department of Botany has organised a 15 days online certificate course on "Nursery techniques with special reference to floriculture" from 9 March 2021 to 02 April 2021.

Objective: The main purpose of this certificate course is to develop knowledge and interest among students about the nursery techniques and floriculture. Other objective is to introduce the idea of self employment and source of income among students.

Observation / Nature of activities: Fifteen days certificate course was organized on "nursery techniques with special reference to floriculture" Three resource persons from other colleges and four resource persons from department of Botany gave valuable knowledge on different areas of nursery development and floriculture. Dr. Rekha Maggirwar Assistant prof. Shivaji science college, Amravati, Dr. Suchita Khodke Assistant prof. Vinayak vidhya mandir, Nandgaonandeshwar, Dr. Moushmi Bhowal Assistant prof. Hislop College, Nagpur, Dr. Vaishali Charjan, Dr. Sonali Pawar, Mr Benson Abraham and Mr. Paresh Ninawe Asst. Prof. Kamla Nehru Mahavidyalya, Nagpur conducted special talks on different areas of nursery development and floriculture. Sixty six students registered for certificate course program.

Outcomes:

1) Students got valuable knowledge of plant nursery and its development

2) They got the knowledge about how plant nursery can be a source of income and generate self employment.

3) They got information about different types of nursery, plants to choose for nursery development, soil preparation for nursery, tools required for nursery, weed management and irrigation.

4) They also got knowledge about floriculture.

5) Students learned about *Chrysanthemum* cultivation, *Rose* cultivation and seasonal flower plant cultivation.

Number of beneficiaries:

Total number of 66 students got benefitted from this program.

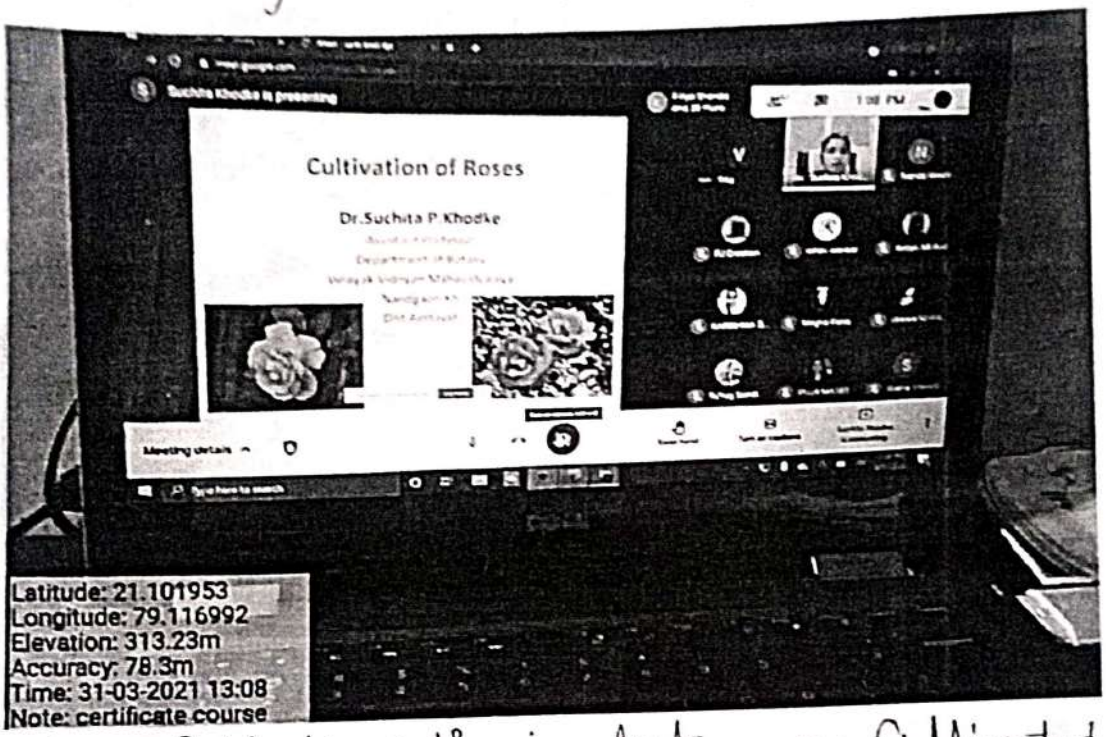
Head of the Deptt. Kamla Nehru Mahavidyalaya

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

Department Of Botany

Nursery tech. with special refrence to floriculture



Dr. Suchita P. Khodke Delivering lecture on Cultivated Roses.

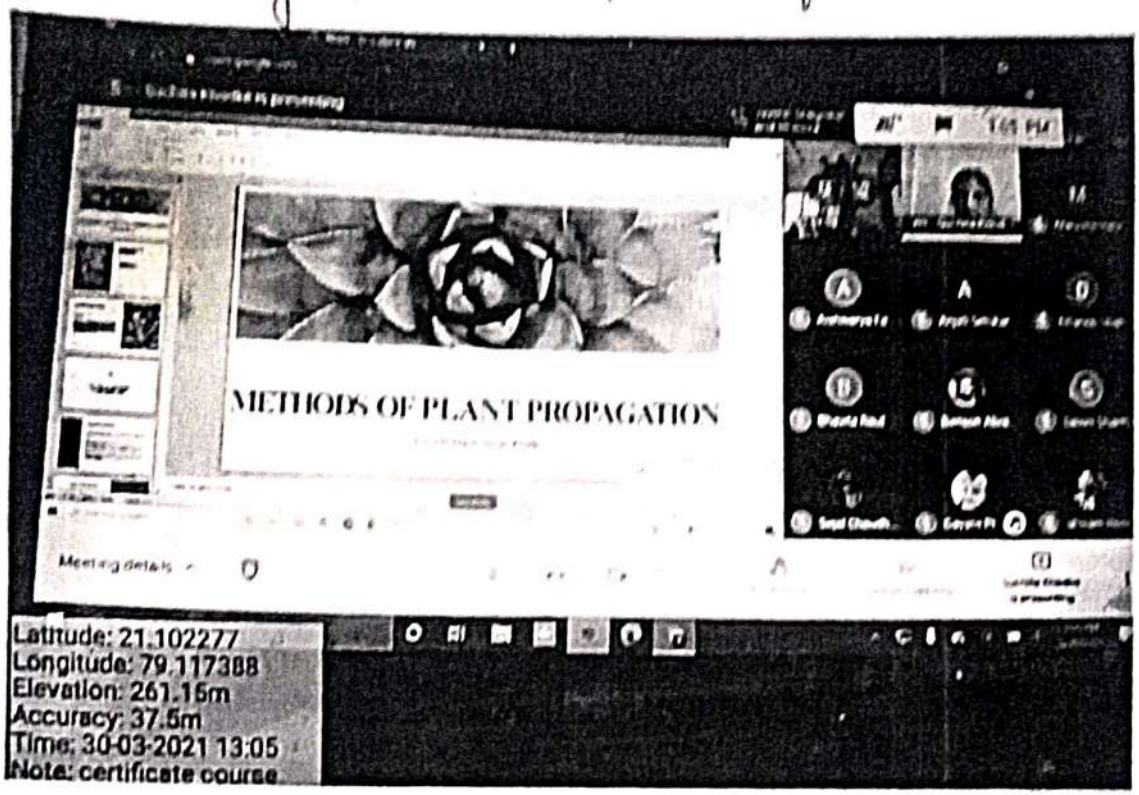


Dr. Mousumi Bhowal Delivering lecture on basic information.

Kamla Nehru Mahavidyalaya

Department of Botany

Nursery tech. with special reference to floriculture



Dr. Rekha Maggirwar Delivered lecture on chrysanthemum and floriculture



Wanjari Group of Institutions

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

Re-accredited by NAAC with (A+) grade (CGPA 3.53)

Amar Sewa Mandal's

Department of Biochemistry organising the Skilled based certificate course on

2020-21

"MEDICAL LABORATORY TECHNOLOGY"

Topics to be covered:

Theory and practical based on-

- Pathology Aspects
- Clinical Pathology
- Haematology
- Microbiology
- Clinical Microbiology
- Biochemistry
- Immunology
- Parasitology

Eligibility:
Any students of B.Sc. Sem I students of life sciences stream

Course Duration:
1st Apr 2021 to 15th Apr 2021

Last date of registration:
Registration can be done till before 1st Apr 2021

Course Fee:
500 INR only for B.Sc. Sem I students

Venue:

Department of Biochemistry Laboratory, Kamla Nehru Mahavidyalaya, Nagpur

Course Co-ordinator:

Dr. Shardul S. Wagh
(Head Department of Biochemistry)

Contact details:

Mob. 9423403985

Biochemistry

08

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 512 dated the 1st of August, 1923 and presently a State University declared by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

No.DoLLE/150/21
Dated : 24.02.2021

To,
The Principal
Kamla Nehru College,
Nagpur.

Subject : Sanction for Conducting Online Short Term Courses under Jeevan Shikshan Abhiyan on No Grant Basis.

Sir/Madam,

With reference to your proposal for conducting Online Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal have been accepted by the Department and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Embedded System Basics and 8051 Microcontroller Interfacing	15 days	40	100/-	10%
2	Certificate Course in Skill Oriented course on Anchoring	1 Month	150	50/-	10%
3	Certificate Course in Medical Laboratory Technology	15 days	100	500/-	10%
4	Certificate Course in Survey Based Training	1 Month	100	50/-	10%
5	Certificate Course in Gender Sensitization	1 Month	100	100/-	10%
6	Certificate Course in Communication Skills	2 Weeks	100	50/-	10%
7	Certificate Course in Maintenance and Repairing of Domestic Appliances	1 Months	250	200/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. **Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.**
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.** Please communicate your acceptance within **a month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith. Also send a soft copy in CD/Pen drive.**

Your's faithfully,

Director

Kamla Nehru Mahavidyalaya
Department of Biochemistry
Certificate Course on Medical Laboratory Technology
Syllabus

Unit-I

- **Pathology**
  Introduction, Human Blood Group Antigen, Abo Blood Group System And Incompatibility, Rh Blood Group And Incompatibility Antigen Coagulant
- **Clinical Pathology .**
  Introduction

Unit-II

- **Heamatology**
  Estimation Of Hemoglobin, Hemocytometer (Sahlis Method), Serum / Plasma (Centrifugation)

Unit-III

- **Microbiology**
  History, Microbes And Their Classification, Study Of Microscope Culture And Identification, Sterilization And Disinfection
- **Clinical Microbiology and Paracetology**
  Normal Flora Of Human Body, Septicemia, Pyaemia, Food Poisoning, Opportunistic Infection, study of different types of Parasite

Unit-IV

- **Biochemistry**
  Introduction To Carbohydrate, Fats, Amino Acids, Proteins
- **Immunology**
  Introduction To Immunity, Antigen And Antibody, Types Of Immunity, Antigen Antibody Reaction

Practical

- Abo Blood Group Slide Technique and Cross Matching
- Physical Chemical and Microscopic Analysis of Urine
- TLC, DLC
- Common Laboratory Equipment And Uses, Microscope, Incubator, Hot Air Oven Autoclave, Anarobic Culture Inoculation
- Standing Techniques, Simple Stain, Gram Stain, Acid Fast Staining, Antibiotic Sensitivity
- Test For Carbohydrates, Test For Proteins And Amino Acids
- Serology, Widal Test, Vdrl Test, Agglutination Test, Elisa Test
- Detection of Antigen/ Antibody For Malaria Parasite

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Biochemistry
Certificate Course on Medical Laboratory Technology

Credentials of Certificate Course

Sr. No.	Topic	Hours	Credits
1	Theory	20	02
2	Practical	10	02
3	Total	30	04

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

Department of Biochemistry

Certificate Course on Medical Laboratory Technology

Session 2020-2021

Time Table				
Sr. No.	Date	Time	Name of faculty	Topic covered
1	01-04-2021	3.00-5.00	Dr. Manoj Bhandarkar	Importance of Biochemistry in Clinical Detection
2	02-04-2021	3.00-5.00	Dr. Sachin Narwadia	Human Blood Group Antigen, ABO blood group system,
3	03-04-2021	3.00-5.00	Dr. Sachin Narwadia	Rh Blood group and antigen coagulation
4	04-04-2021	3.00-5.00	Dr. Sachin Narwadia	Clinical Pathology, Urine analysis
5	05-04-2021	3.00-5.00	Mr. Palash Thakre	Biochemistry:- Carbohydrates, Fats
6	06-04-2012	3.00-5.00	Mr. Palash Thakre	Amino Acids and Proteins
7	07-04-2021	3.00-5.00	Mr. Palash Thakre	Tests for Carbohydrate, Protein and Amino acid detection
8	08-04-2021	3.00-5.00	Ms. Pooja Kadu	Microbiology- Classification of microorganisms and Microscopy
9	09-04-2021	3.00-5.00	Ms. Pooja Kadu	Sterilization and Culture identification
10	10-04-2021	3.00-5.00	Dr. Pravin A Domde	Immunology- Antigen and antibody, Types of Immunity and antigen antibody reaction
11	11-04-2021	3.00-5.00	Dr. Shardul Wagh	Haematology, Haemoglobin estimation, TLC DLC
12	12-04-2021	3.00-5.00	Ms. Manisha Kapse	Staining techniques- simple staining, Gram Staining, Acid Fast staining
13	13-04-2021	3.00-5.00	Dr. Nitin Shende Dr. Shardul Wagh	Parasitology Serology, Widal Test, ELISA test
14	14-04-2021	3.00-5.00	Mrs. Bharti Vaidhya	Clinical Microbiology- Septicaemia, Pyamia and opportunistic infection
15	15-04-2021	3.00-5.00	Ms. Manisha Kapse	Food Poisoning

Dr. Shardul S. Wagh
Course Co-ordinator
Head , Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya
Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for: CMLT Course Class-List "Time:" "3.00" "Meet ID:" "apv-ifoj-kek"
Date: "2021-04-01"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.01"	"05.00"	"1"
Aditya Dudhram thawkar	"3.01"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.00"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.10"	"04.30"	"1"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.44"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"04.58"	"3"
MRUNALI DILIP YEOLE	"3.10"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.59"	"1"
PANKAJ SURAJLAL RAHANGDALE	"3.00"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.00"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.11"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"04.49"	"2"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.00"	"05.00"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.12"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"2"
Vaidehi Ravindra Bodele	"3.00"	"05.00"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.11"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.03"	"04.59"	"1"

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for: CMLT Course Class-List "Meet ID:" "apv-ifoj-kek"
Date: "2021-04-02" "Time:" "3.00"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.00"	"05.00"	"1"
Aditya Dudhram thawkar	"3.00"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.01"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.00"	"04.20"	"1"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.49"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"04.55"	"3"
MRUNALI DILIP YEOLE	"3.10"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.59"	"1"
PANKAJ SURAJLAL RAHANGDALE	"3.00"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.11"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.00"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"05.00"	"2"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.05"	"04.59"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.12"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"2"
Vaidehi Ravindra Bodele	"3.00"	"05.00"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.11"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.00"	"05.00"	"1"

Head
Department of Biochemistry
Karmaveer Mahavidyalaya
Nagpur.

Principal
Karmaveer Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for: CMLT Course Class-List "Time:" "3.00" "Meet ID:" "apv-ifoj-kek"
Date: "2021-04-03"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.15"	"05.00"	"1"
Aditya Dudhram thawkar	"3.11"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.00"	"04.59"	"1"
APURVA SHARADRAO GAWANDE	"3.00"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.00"	"04.40"	"2"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.00	"04.59"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.10"	"04.59"	"3"
MRUNALI DILIP YEOLE	"3.10"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.59"	"1"
PANKAJ SURAJLAL RAHANGDALE	"3.00"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.00"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.11"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"04.49"	"1"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.00"	"05.00"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.10"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"1"
Vaidehi Ravindra Bodele	"3.00"	"05.00"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.00"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.05"	"04.45"	"1"

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for: CMLT Course Class-List "Time:" "3.00" "Meet ID:" "apv-ifoj-kek"
Date: "2021-04-05"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.11"	"04.00"	"1"
Aditya Dudhram thawkar	"3.01"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.00"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.10"	"04.30"	"1"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.44"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"04.58"	"1"
MRUNALI DILIP YEOLE	"3.00"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.50"	"2"
PANKAJ SURAJLAL RAHANGDALE	"3.01"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.00"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.00"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"04.49"	"3"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.00"	"05.00"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.12"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"3"
Vaidehi Ravindra Bodele	"3.09"	"04.49"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.00"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.00"	"05.00"	"1"

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for: CMLT Course Class-List
Date: "2021-04-06" "Time:" "3.00" "Meet ID" "apr-hoj-kxr"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.01"	"05.00"	"1"
Aditya Dudhram thawkar	"3.01"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.00"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.10"	"04.30"	"1"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.44"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"04.58"	"3"
MRUNALI DILIP YEOLE	"3.10"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.59"	"1"
PANKAJ SURAJLAL RAHANGDALE	"3.00"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.00"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.11"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"04.49"	"2"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.00"	"05.00"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.12"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"2"
Vaidehi Ravindra Bodele	"3.00"	"05.00"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.11"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.03"	"04.59"	"1"

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for CMLT Course | Class-List

Date: "2021-04-07" "Time:" "3.00" "Meet ID:" "apv-ifoj-kek"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.01"	"05.00"	"1"
Aditya Dudhram thawkar	"3.01"	"05.00"	"2"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.00"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.10"	"04.30"	"2"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.49"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.55"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.00"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"04.58"	"1"
MRUNALI DILIP YEOLE	"3.10"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.00"	"05.00"	"1"
PANKAJ SURAJLAL RAHANGDALE	"3.00"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.00"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.15"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"04.49"	"1"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.00"	"05.00"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"2"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.12"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"1"
Vaidehi Ravindra Bodele	"3.00"	"05.00"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.05"	"04.59"	"1"
YASH RAJESH MADANKAR	"3.09"	"04.59"	"1"

Head
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Principal
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Ambazari Chowk, Nagpur

Attendance for: CMLT Course	Class-List				
Date:	"2021-04-08"	"Time:"	"3.00"	"Meet ID:"	"apv-ifoj-kek"
Names		"Arrival time"	"Last Seen"	"Joined"	
ADARSH YUVRAJ TEMBHARE		"3.01"	"05.00"	"1"	
Aditya Dudhram thawkar		"3.01"	"05.00"	"1"	
AMITA JAGANNATH ZODPE		"3.03"	"05.00"	"1"	
APURVA SHARADRAO GAWANDE		"3.00"	"05.00"	"2"	
DIGAMBAR SURESH KHUBALKAR		"3.10"	"04.30"	"1"	
GUNJAN PRAMOD KAPSE		"3.00"	"05.00"	"1"	
HARSHALA BANDU JUNGHARE		"3.05	"04.44"	"1"	
HARSHALI PRABHAKAR ARAIKAR		"3.00"	"04.58"	"1"	
HIMANI RAJESHWAR NIKHAR		"3.00"	"05.00"	"1"	
KHUSHBU AMARKANTH BAHE		"3.05"	"05.00"	"1"	
KSHITIJA JAGATPAL DIVE		"3.00"	"05.00"	"1"	
MRUNALI DILIP YEOLE		"3.10"	"04.55"	"2"	
ONKAR RAMCHANDRA KHANDARE		"3.05"	"04.59"	"1"	
PANKAJ SURAJLAL RAHANGDALE		"3.00"	"05.00"	"1"	
POONAM CHHABULAL MANKAR		"3.00"	"05.00"	"1"	
Prachi Manoj Naik		"3.00"	"04.30"	"1"	
Prajakta Sanjay Dhole		"3.00"	"05.00"	"2"	
ROUNAK KAILASH LANDGE		"3.10"	"05.00"	"1"	
RUCHA RAMESH BORKAR		"3.00"	"05.00"	"1"	
RUPALI MAROTRAO UIKE		"3.09"	"05.00"	"1"	
RUTUJA ANIL HARANKHEDE		"3.00"	"05.00"	"1"	
SHIVANI RAJENDRA WANKHEDE		"3.00"	"04.54"	"1"	
SHREYA TEJRAM WASNIK		"3.00"	"05.00"	"1"	
SHRUTI CHANDRAKANT MESHRAM		"3.00"	"05.00"	"1"	
SHRUTI MANOJ PARATE		"3.00"	"05.00"	"1"	
SURBHI BALWANT DHOKE		"3.00"	"04.59"	"1"	
SUYOG CHANDRASHEKHAR SOMKUWAR		"3.00"	"05.00"	"1"	
TANUSHRI PANKAJ DESHMUKH		"3.00"	"05.00"	"1"	
TUSHAR RAJHANS DHENGRE		"3.00"	"04.59"	"1"	
Vaidehi Ravindra Bodele		"3.05"	"04.55"	"1"	
VAISHNAVI AVINASH JAGTAP		"3.00"	"05.00"	"1"	
VEDANT SHASHANK JOSHI		"3.00"	"05.00"	"1"	
YASH RAJESH MADANKAR		"3.00"	"05.00"	"1"	

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for: CMLT Course Class-List

Date: "2021-04-09" "Time:" "3.00" "Meet ID:" "apv-ifoj-kek"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.00"	"05.00"	"1"
Aditya Dudhram thawkar	"3.00"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.01"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.00"	"04.20"	"1"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.49"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"04.55"	"3"
MRUNALI DILIP YEOLE	"3.10"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.59"	"1"
PANKAJ SURAJLAL RAHANGDALE	"3.00"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.11"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.00"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"05.00"	"2"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.05"	"04.59"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.12"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"2"
Vaidehi Ravindra Bodele	"3.00"	"05.00"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.11"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.00"	"05.00"	"1"

Head
Department of Biochemistry
K[illegible]bru Mahavidyalaya
Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for: CMLT Course Class-List

Date: "2021-04-10" "Time:" "3.00" "Meet ID:" "apv-ifoj-kek"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.11"	"04.00"	"1"
Aditya Dudhram thawkar	"3.01"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.00"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.10"	"04.30"	"1"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.44"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"04.58"	"1"
MRUNALI DILIP YEOLE	"3.00"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.50"	"2"
PANKAJ SURAJLAL RAHANGDALE	"3.01"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.00"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.00"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"04.49"	"3"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.00"	"05.00"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.12"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"3"
Vaidehi Ravindra Bodele	"3.09"	"04.49"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.00"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.00"	"05.00"	"1"

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Attendance for: CMLT Course Class List
Date: "2021-04-12" "Time:" "3.00" "Meet ID:" "apv-ifoj-kek"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.01"	"05.00"	"1"
Aditya Dudhram thawkar	"3.01"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.00"	"05.00"	"1"
DIGAMBAR SURESH KHUBALKAR	"3.10"	"04.30"	"1"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.44"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"04.58"	"3"
MRUNALI DILIP YEOLE	"3.10"	"05.00"	"1"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.59"	"1"
PANKAJ SURAJLAL RAHANGDALE	"3.00"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.00"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"05.00"	"1"
Prajakta Sanjay Dhole	"3.11"	"05.00"	"1"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.01"	"04.49"	"2"
RUPALI MAROTRAO UIKE	"3.00"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.00"	"05.00"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.12"	"05.00"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.12"	"04.40"	"2"
Vaidehi Ravindra Bodele	"3.00"	"05.00"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.11"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.03"	"04.59"	"1"

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Sakkardara Chowk, Nagpur

Attendance for: CMLT Course
Date:

Class List
"2021-04-14" "Time:" "3:00" "Meet ID:" "apv-hrjj-kek"

Names	"Arrival time"	"Last Seen"	"Joined"
ADARSH YUVRAJ TEMBHARE	"3.01"	"05.00"	"1"
Aditya Dudhram thawkar	"3.01"	"05.00"	"1"
AMITA JAGANNATH ZODPE	"3.03"	"05.00"	"1"
APURVA SHARADRAO GAWANDE	"3.00"	"05.00"	"2"
DIGAMBAR SURESH KHUBALKAR	"3.10"	"04.30"	"1"
GUNJAN PRAMOD KAPSE	"3.00"	"05.00"	"1"
HARSHALA BANDU JUNGHARE	"3.05	"04.44"	"1"
HARSHALI PRABHAKAR ARAIKAR	"3.00"	"04.58"	"1"
HIMANI RAJESHWAR NIKHAR	"3.00"	"05.00"	"1"
KHUSHBU AMARKANTH BAHE	"3.05"	"05.00"	"1"
KSHITIJA JAGATPAL DIVE	"3.00"	"05.00"	"1"
MRUNALI DILIP YEOLE	"3.10"	"04.55"	"2"
ONKAR RAMCHANDRA KHANDARE	"3.05"	"04.59"	"1"
PANKAJ SURAJLAL RAHANGDALE	"3.00"	"05.00"	"1"
POONAM CHHABULAL MANKAR	"3.00"	"05.00"	"1"
Prachi Manoj Naik	"3.00"	"04.30"	"1"
Prajakta Sanjay Dhole	"3.00"	"05.00"	"2"
ROUNAK KAILASH LANDGE	"3.10"	"05.00"	"1"
RUCHA RAMESH BORKAR	"3.00"	"05.00"	"1"
RUPALI MAROTRAO UIKE	"3.09"	"05.00"	"1"
RUTUJA ANIL HARANKHEDE	"3.00"	"05.00"	"1"
SHIVANI RAJENDRA WANKHEDE	"3.00"	"04.54"	"1"
SHREYA TEJRAM WASNIK	"3.00"	"05.00"	"1"
SHRUTI CHANDRAKANT MESHRAM	"3.00"	"05.00"	"1"
SHRUTI MANOJ PARATE	"3.00"	"05.00"	"1"
SURBHI BALWANT DHOKE	"3.00"	"04.59"	"1"
SUYOG CHANDRASHEKHAR SOMKUWAR	"3.00"	"05.00"	"1"
TANUSHRI PANKAJ DESHMUKH	"3.00"	"05.00"	"1"
TUSHAR RAJHANS DHENGRE	"3.00"	"04.59"	"1"
Vaidehi Ravindra Bodele	"3.05"	"04.55"	"1"
VAISHNAVI AVINASH JAGTAP	"3.00"	"05.00"	"1"
VEDANT SHASHANK JOSHI	"3.00"	"05.00"	"1"
YASH RAJESH MADANKAR	"3.00"	"05.00"	"1"

Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

WANJARRI GROUP

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Vaishnavi A. Jagtap *on Satisfactory completion of the* Certificate Course in Medical laboratory Technology *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Biochemistry *Kamla Nehru Mahavidyalaya, Nagpur from* 1st April - 15th April 2021

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

WANJARRI GROUP
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Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Harshali Araikar *on*
Satisfactory completion of the certificate course in medical laboratory Technology
Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong
Learning and Extension in collaboration with Department of Biochemistry.
Kamla Nehru Mahavidyalaya, Nagpur from 1st April - 15th April 2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Onkar R. Khandare *on*
Satisfactory completion of the certificate course in Medical laboratory Technology.
Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of Biochemistry
Kamla Nehru Mahavidyalaya, Nagpur from 1st April – 15th April 2021

He/She Passed at the Examination in Grade A+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Pratiksha A Pathrabe on

Satisfactory completion of the Certificate Course in Medical Lab. Technology

..... Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong

Learning and Extension in collaboration with Department of Biochemestry

Kamla Nehru Mahavidyalaya, Nagpur from 1st April - 15th April 2020.

He/She Passed at the Examination in Grade A

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Kamla Nehru Mahavidyalaya, Nagpur

Department of Biochemistry

Certificate Course in Skilled Based on Medical Laboratory Technology

(Under Jeevan Shiksha Anhiyan on No Grant Basis)

Biochemistry is a subject having vast potential in almost all fields of sciences. It is the subject deals with entire biological system and diagnostics is an integral part of it. Clinical Diagnosis is a vertical which helps physicians to detect, treat efficiently to every ailments. For detection, analysis a biochemistry graduate can be a great asset to an organization which works in the field of diagnosis. However, in addition to theoretical knowledge student must have expertise in handling and analysis of biological samples. In view of developing such skills to students of Biochemistry, Department of Biochemistry, Kamla Nehru Mahavidyalaya, Nagpur organizes 15 days **Skilled based certificate course on Medical Laboratory Technology.** This course is approved Under Jeevan Shiksha Anhiyan by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

Objectives:

In order to develop skills the program was designed with following objectives

1) **Introduction to important segments of diagnosis**
2) **Detailed explanation of clinical Biochemistry, Pathology**
3) **Overview of Basic microbiological techniques**
4) **Outline of Immunological techniques**
5) **Basic exposure to phlebotomy**

Syllabus

- **Pathology**
  Introduction, Human Blood Group Antigen, Abo Blood Group System And Incompatibility, Rh Blood Group And Incompatibility Antigen Coagulant
  Practical
  Abo Blood Group Slide Technique And Cross Matching
- **Clinical Pathology .**
  Introduction
  Practical
  Urine Analysis Physical Chemical
  Microscopic
  Sugar Albumin, Bile Salt
- **Heamatology**
  Estimation Of Hemoglobin, Hemocytometer (Sahlis Method), Serum / Plasma (Centrifugation)
  Practical
  TLC, DLC

- **Microbiology**
  History, Microbes And Their Classification, Study Of Microscope Culture And Identification, Sterilization And Disinfection
  Practical
  Comman Laboratory Equipment And Uses, Microscope, Incubator, Hot Air Oven Autoclave, Anarobic Culture Inoculation
- **Clinical Microbiology**
  Normal Flora Of Human Body, Septicemia, Pyaemia, Food Poisoning, Opportunistic Infection
  Practical
  Standing Techniques, Simple Stain, Gram Stain, Acid Fast Staining
  Antibiotic Sensitivity
- **Biochemistry**
  Introduction To Carbohydrate, Fats, Amino Acids, Proteins
  Practical
  Test For Carbohydrates
  Test For Proteins And Amino Acids
- **Immunology**
  Introduction To Immunity, Antigen And Antibody, Types Of Immunity,
  Antigen Antibody Reaction
  Practical
  Serology, Widal Test, Vdrl Test, Agglutination Test
  Elisa Test
- **Parasitology**
  Study Of Parasite
  Practical
  Detection Of Antigen/ Antibody For Malaria Parasite

Expected Outcome

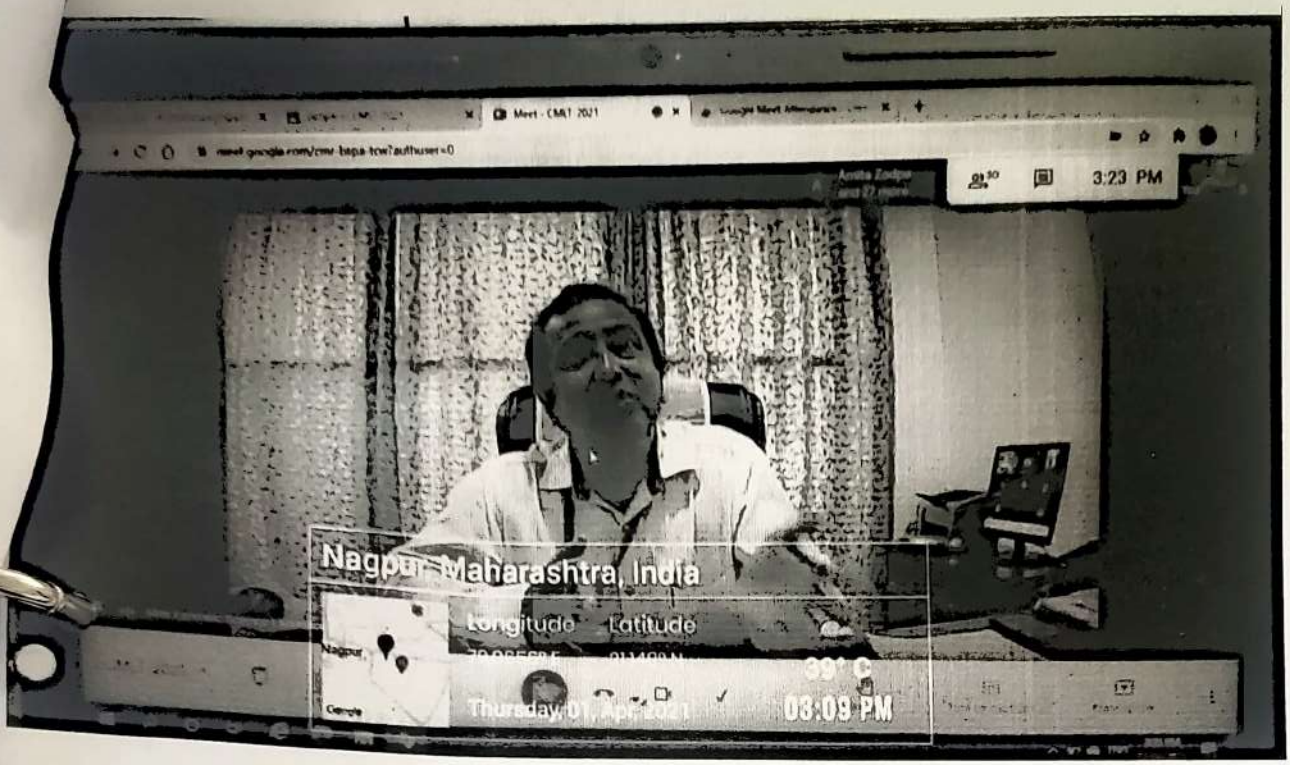
Upon completion of this certificate course students are expected to develop skills such as proper handling of biological samples, ease in working with sophisticated instrumentations. They will also develop consciousness towards meticulous analysis of test samples.

Total 33 students from U.G. and PG. sections were participated in this certificate course.

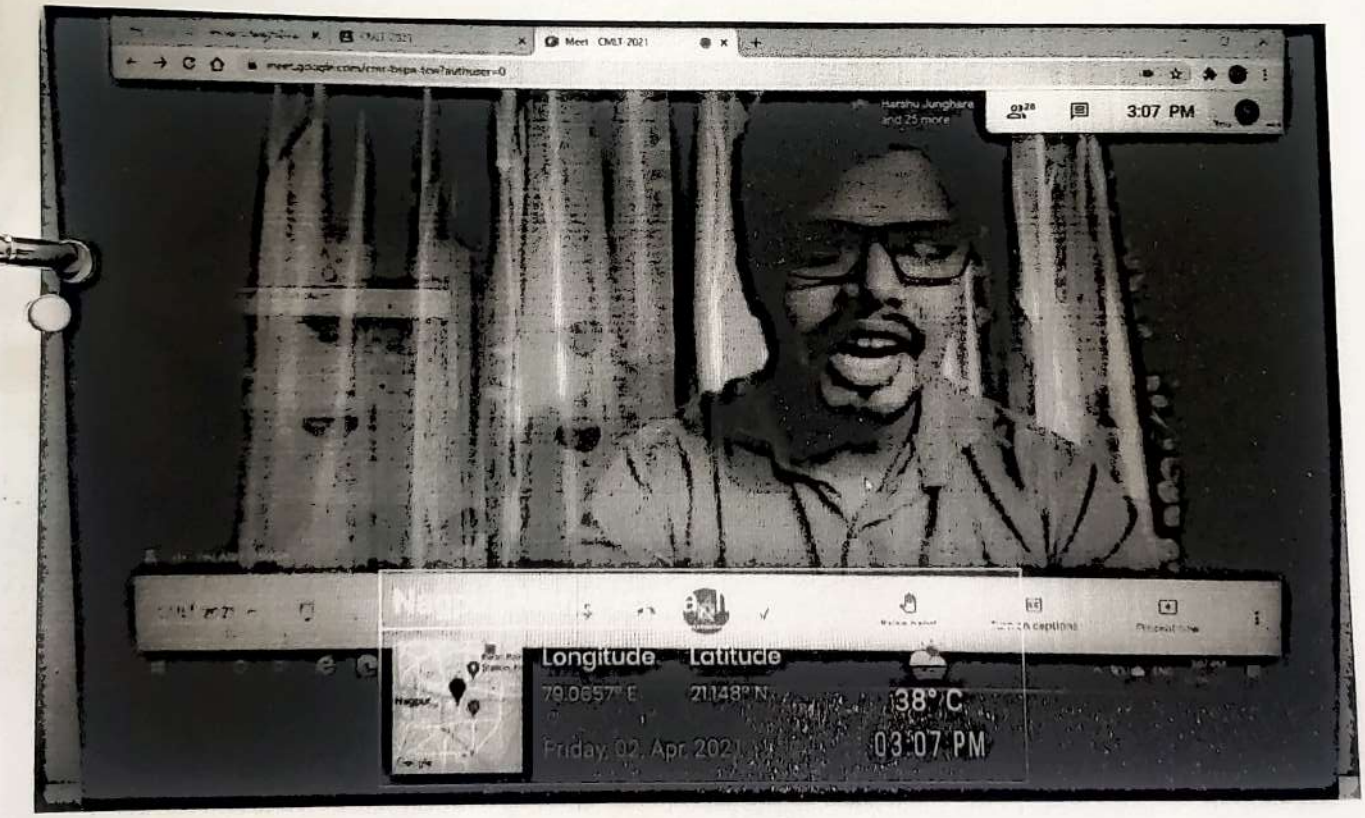
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

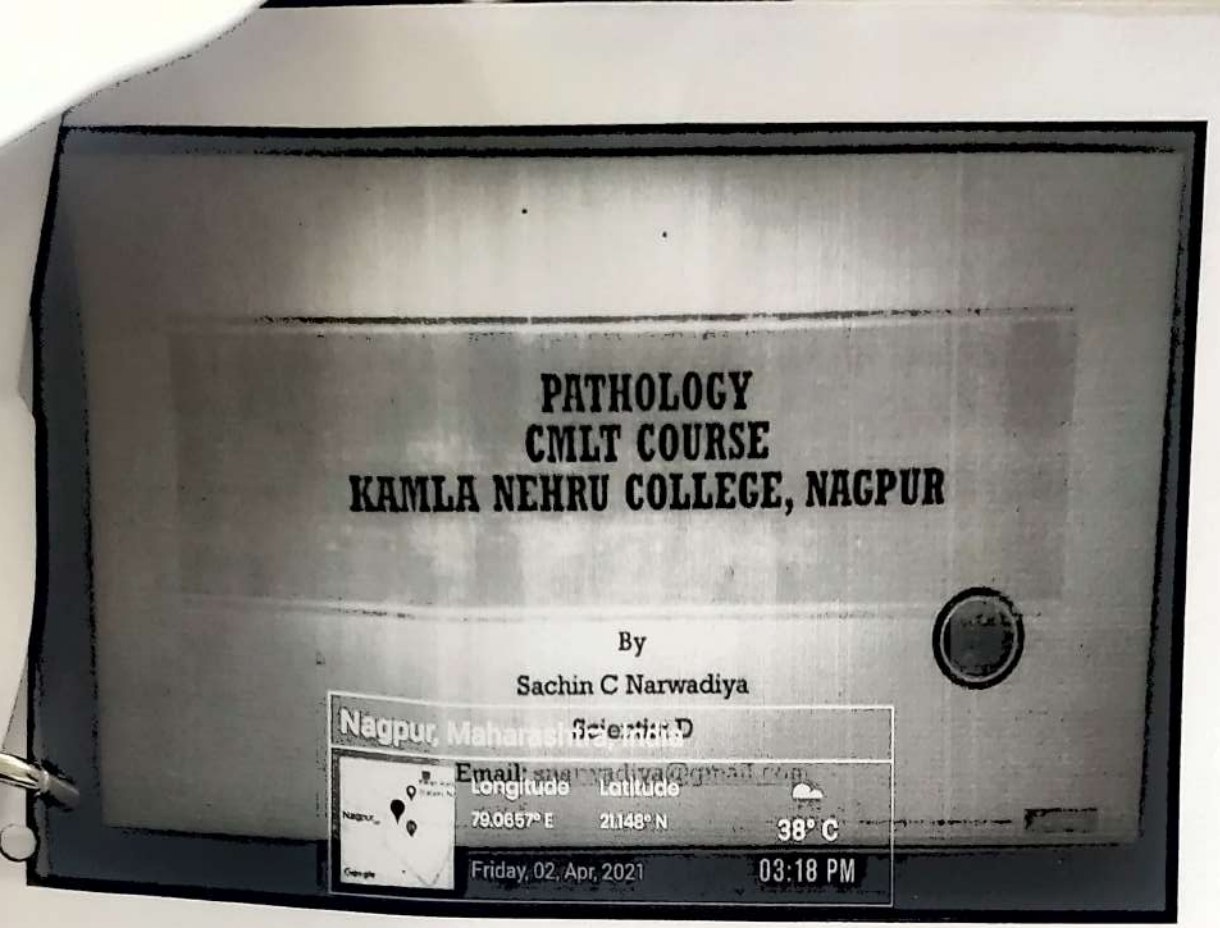
Head
Department of Biochemistry
Kamla Nehru Mahavidyalaya
Nagpur.

CMLT course-2021

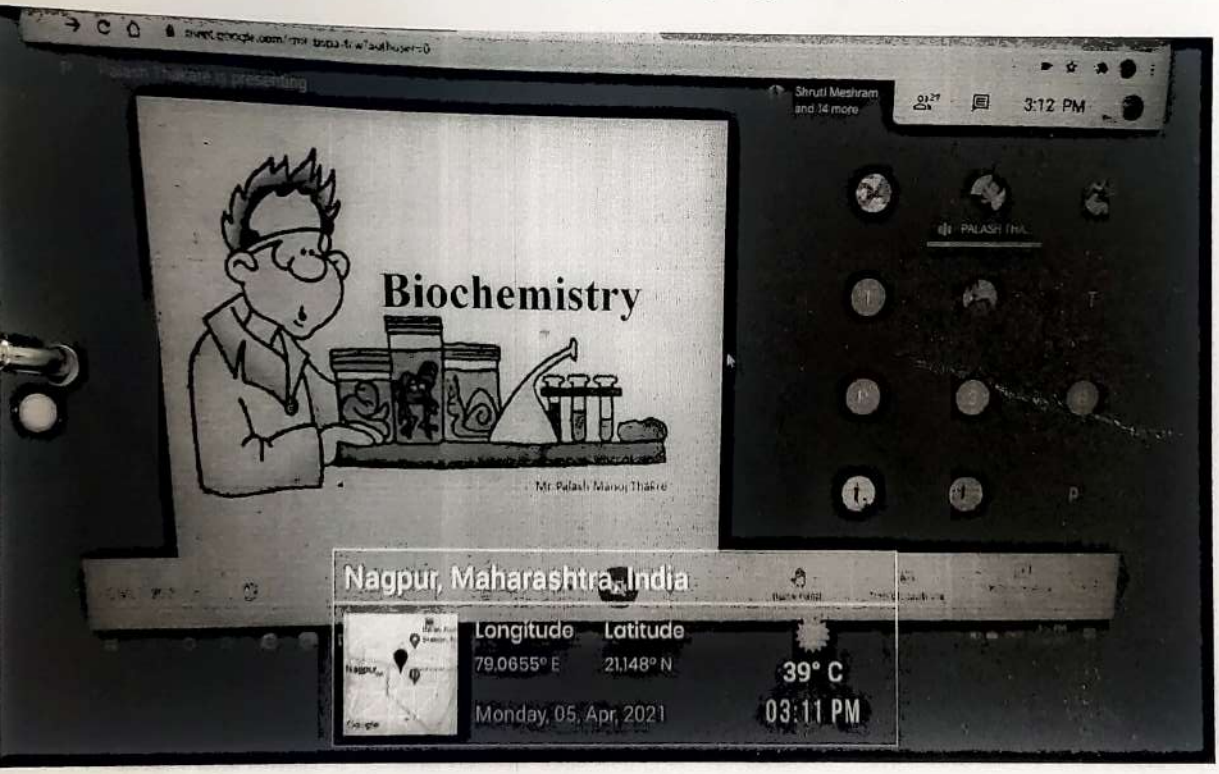


Inaugural speech by Dr. Manoj Bhandarkar, Asst. Dir. RFSRL (mini) Chandrapur





Lecture By Mr. Sachin C. Narwadiya, Sci.D, Vigyan Prasar, New Delhi.



Lecture by Mr. Palash M. Thakare, Asst. Professor, Kamla Nehru Mahavidyalaya

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY NAGPUR

DEPARTMENT OF LIFELONG LEARNING & EXTENSION

Gurnanak Bhavan, University Campus, Amravati Road, Nagpur - 440033

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

A+ Grade Accredited by NAAC with CGPA of 3.53

Organizes

Short Term Certificate Course on

"Embedded System Basics and 8051 Microcontroller Interfacing"

Session 2020-21

REGISTRATION DETAILS

✓	Duration:	30 Hours
✓	No. of Credits:	02
✓	Fees:	Rs. 200
✓	Theory:	15 Hours
✓	Practical:	15 Hours
✓	Registration ends:	25/04/2021
✓	Course Starts from:	26/04/2021

COURSE CONTENTS

- Introduction to Embedded System
- Microcontroller and Microprocessor
- Architecture of 8051 µC
- Interfacing of various output devices
- Interfacing of various sensors
- Small project based on course

COURSE CO-ORDINATOR

For any query, Please contact:

Course Co-Ordinator:
Dr. P. B Dahikar,
Head, Department of Electronics,
Kamla Nehru Mahavidyalaya,
Sakkardara square, Nagpur – 09
Mobile: 9850343734

COURSE HIGHLIGHTS

- ✓ Classroom Teaching of 15 Hours
- ✓ Hand on experiments on Electronics Equipment for 15 hours.
- ✓ Well experienced and qualified teaching staff
- ✓ Well equipped laboratory
- ✓ Issue of certificate after successfully completion and passing of the examination at the end of the course.
- ✓ 2 credits will be provided on successful completion of the course.

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

No.DOLLE/150/21
Dated : 24.02. 2021

To,
The Principal
Kamla Nehru College,
Nagpur.

Subject : **Sanction for Conducting Online Short Term Courses under Jeevan Shikshan Abhiyan on No Grant Basis.**

Sir/Madam,

With reference to your proposal for conducting Online Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal have been accepted by the Department and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Embedded System Basics and 8051 Microcontroller Interfacing	15 days	40	100/-	10%
2	Certificate Course in Skill Oriented course on Anchoring	1 Month	150	50/-	10%
3	Certificate Course in Medical Laboratory Technology	15 days	100	500/-	10%
4	Certificate Course in Survey Based Training	1 Month	100	50/-	10%
5	Certificate Course in Gender Sensitization	1 Month	100	100/-	10%
6	Certificate Course in Communication Skills	2 Weeks	100	50/-	10%
7	Certificate Course in Maintenance and Repairing of Domestic Appliances	1 Months	250	200/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. **Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.**
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from **the date of sanction.** Please communicate your acceptance within **a month and submit the Initial Report**
6. **Submit the List of Students admitted in the excel format attached herewith. Also send a soft copy in CD/Pen drive.**

Your's faithfully,

Kamla Nehru Mahavidyalaya, Sakkardara, Nagpur

Electronics Department Organized Short term Certification Course

on

Embedded System Basics and 8051 Microcontroller Interfacing

(Session 2020-21)

Syllabus:

Unit 1: Embedded System Basics

Basic of Embedded System, Characteristics of Embedded System, basic building blocks of Embedded System, Difference Between microprocessor and microcontroller and basics about different types of microcontrollers available.

Unit 2: Basics of 8051 microcontroller

Basics of 8051 microcontroller, pin architecture of 8051 microcontroller, basic circuit requirement of 8051 microcontroller and Internal and external memory architecture of 8051 Microcontroller.

Unit 2: Programing in 8051

Programing architecture and structure of 8051 microcontroller, discuss about addressing modes, Instruction formats and Instruction Set of 8051 microcontroller. Discuss about how to interface peripherals with the 8051 microcontroller

Unit 3: Interfacing with 8051

How to interface array of 8 LEDs (Light Emitting Diode) with 8051 microcontroller and develop drivers for it, interfacing SSD (Seven Segment Display) in simple way as well as multiplexed way with the 8051 microcontroller and develop drivers for it. Interfacing alphanumeric 16 x 2 LCD (Liquid Crystal Display) in 8 bit mode with the 8051 microcontroller and develop drivers for it. Interfacing keys as well as Hexadecimal Key-Pad with the 8051 microcontroller and driver develop for it.

Unit 4: Serial Bus in 8051

Connecting Computer (PC) with 8051 microcontroller through RS 232 cable using UART (Universal Asynchronous Receiver and Transmitter) and driver develop for it. Discuss about Serial Protocols which are ready to connect with microcontrollers and what is I^2C (Intra Integrated Circuit) Bus and features and characteristics of I^2C Protocol. Interfacing RTC (Real Time Clock) with 8051 microcontroller using I^2C Protocol and develop driver for it.

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Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya, Sakkardara, Nagpur

Electronics Department Organized Skilled based short Term Certificate course on

Embedded System Basics and 8051 Microcontroller Interfacing

(Session 2020-21)

Teaching and Practical Conducting Time Table

Day 1 (01:30 pm to 4:30 pm):- Embedded System Basics

Basic of Embedded System, Characteristics of Embedded System, basic building blocks of Embedded System, Difference Between microprocessor and microcontroller and basics about different types of microcontrollers available.

Day 2 and Day 3 (01:30 pm to 4:30 pm):- Hardware Description of 8051

Basics of 8051 microcontroller, pin architecture of 8051 microcontroller, basic circuit requirement of 8051 microcontroller and Internal and external memory architecture of 8051 Microcontroller.

Day 4 and Day 5 (01:30 pm to 4:30 pm):- Programing in 8051

Programing architecture and structure of 8051 microcontroller, discuss about addressing modes, Instruction formats and Instruction Set of 8051 microcontroller.

Day 6 (01:30 pm to 4:30 pm):- LED Interfacing

Discuss about how to interface peripherals with the 8051 microcontroller and how to interface array of 8 LEDs (Light Emitting Diode) with 8051 microcontroller and develop drivers for it.

Day 7(01:30 pm to 4:30 pm):- SSD Interfacing

Interfacing SSD (Seven Segment Display) in simple way as well as multiplexed way with the 8051 microcontroller and develop drivers for it.

Day 8 (01:30 pm to 4:30 pm):- LCD Interfacing

Interfacing alphanumeric 16 x 2 LCD (Liquid Crystal Display) in 8 bit mode with the 8051 microcontroller and develop drivers for it.

Day 9 (01:30 pm to 4:30 pm):- Keyboard Interfacing

Interfacing keys as well as Hexadecimal Key-Pad with the 8051 microcontroller and driver develop for it.

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Sakkardara Chowk, Nagpur

Day 10 (01:30 pm to 4:30 pm):- PC Communication

Connecting Computer (PC) with 8051 microcontroller through RS 232 cable using UART (Universal Asynchronous Receiver and Transmitter) and driver develop for it.

Day 11 and Day 12 (01:30 pm to 4:30 pm):- Serial Protocol I^2C

Discuss about Serial Protocols which are ready to connect with microcontrollers and what is I^2C (Intra Integrated Circuit) Bus and features and characteristics of I^2C Protocol. Interfacing RTC (Real Time Clock) with 8051 microcontroller using I2C Protocol and develop driver for it.

Day 13 (01:30 pm to 4:30 pm):- Serial Wireless Protocol

Serial wireless protocols description: XBee, CC2500 and Bluetooth wireless module testing and interfacing with 8051 microcontroller

Day 14 (01:30 pm to 4:30 pm):- Project based on serial I^2C and wireless modules

Project Development based on serial I^2C and wireless modules

Day 15 (01:30 pm to 4:30 pm):- Project based on serial I^2C and wireless modules

Project Development based on serial I^2C and wireless modules

Kamla Nehru Mahavidyalaya, Sakkardara, Nagpur

Electronics Department Organized Short Term Certification Course on

Embedded System Basics and 8051 Microcontroller Interfacing

Students Attendance (Session 2020 - 21)

Sr. No.	Name of Students	Class	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
			26 Apr 2021	27 Apr 2021	28 Apr 2021	29 Apr 2021	30 Apr 2021	1 May 2021	2 May 2021	3 May 2021	4 May 2021	5 May 2021	12 May 2021	13 May 2021	14 May 2021	15 May 2021	16 May 2021
1	Sachin Rajkumar Bhosale	Bca(4sem)	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
2	Darshak Raju Paunikar	Bachelor Of Science	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P
3	Anam firdous iqbal khan	Bsc 2nd year	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
4	Mayur Vijayanand Nagrale	Msc Sem 4 Ele	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
5	Priti Yogeshwar Patil	Bsc(PME)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Tanmay Shashikant warokar	Bsc sem 4	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
7	YASH SHYAMKUMAR KHATRI	BCA Sem 1	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
8	Khushbu Rajkumar Lanjewar	BSc. Computer science	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
9	Sachin Abhimanyu Bansod	BCA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Mayur surendraji bhabare	1st sem B. C. A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	Raksha Ashok Gupta	BCA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
		BSC	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P

13	Isha Vinod deulkar	Bsc(C's) 3rd sem	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P		
14	Yashashree Sudhakar Bobade	Bsc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
15	Shrutika Thakurdas Dhoke	BCA 4th semester	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
16	Saujanya Gautam Gedam	B.Sc III year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
17	Reetiksha Vikas Phopate	BCA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
18	Dinesh Sanjay Dhoble	BCA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
19	Sanskruti Vinod Samarth	BSc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
20	Pralhad Ambadas Dhoble	Bsc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
21	TANYA PRADEEP TAMBEKAR	BCA(II) (SEM 4)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
22	Gaurav Raju Timande	Bca 1 semester pass	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
23	Kareena Sukhdev Likhar	12th	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
24	Prajwal Kishor Kadu	B.Sc 4th sem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
25	Shruti Jiwaraj kubade	BCA 1st year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
26	Shrutika vijayrao ladhi	BCA 1st year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
27	Vaishnavi Dinesh Sarsewar	B.sc (EMcs)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
		BCA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P		

29	Mohish Kumar Rajesh Kumar Jaiswal	Bsc 4th sem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	Isha Vinayak Mohadikar	BSc 4th sem	P	P	A	P	P	P	A	P	P	A	P	P	P	P	P	P
31	Isha Naresh Gupta	B.Sc (EMCs)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	Nandkishor Pandurang Dhoble	Bsc	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
33	Prin Sunil Agarkar	BSC 3rd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	Mayuresh Sudhakar pantawane	Under graduate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	MR. KUNAL PATRE	Bsc final year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Sejal Rajesh Kuhikar	Bsc 3rd sem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	ashishod24@gmail.com	Bsc sem 4	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	Robin Arickdas Swamy	B.Sc.	P	P	P	A	P	P	A	P	P	P	P	P	A	P	P	P
39	Mahinnaz Javed Sheikh	BCA 3rd Sem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	AMIT VASANTA MESHRAM	Bsc sem IV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	SAMIKSHA N. KALODE	BSc Final year pursuing	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	Anjali Ramesh Singh	BCA- II	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	Chatali Arvind Shripatre	BSC	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
		Bsc (CS)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

45	Miss.Prachiti Prakash Bhandakkar	Bsc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	Manisha bandu sonkusare	M. Sc. Ele	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
47	Ayush Mahendra Kopulwar	BSc 1st year	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
48	ASMITA SHADANAN GHUSE	BCA SEM 2	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
49	Neha Pradip Charde	Bsc 1st year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	Shweta dilip nirkulwar	bca	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	Sonika Shammilal Khandelwar	Bsc first year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	Roshan moreshwar ujwalkar	Bsc 3rd yr	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	Pranav Prabhakar Buddhe	B.sc First Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	PAPIHA GHUBÉ	Bsc (PME)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	SAMRUDDHI PRASHANT PIMPALKAR	BCA 1st year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	Sakshi Vilas Shende	Bsc 1st year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	Suyash Khapre	BCA 1st Sem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	Nikita Devman Tiwari	M.sc (electronics)	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
59	Harshal Liladhar Sonkusare	B.Sc Final Year	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
		Bsc 1st Year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

61	RITIK SANJAY BATHO	Bsc 2nd year(4th sem)(pmcs)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	Ms Noopur Divakar Lokhande	Bsc 1 year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	Aishwarya Sanjay shahu	BCA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	Ms. Ankita Sanjay Barapatre	B. Sc 1st year sem2	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
65	Aishwarya Suresh Hedaoo	B.Sc. I Year	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	Vishakha Manoharrao khadse	Msc	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
67	DARSHANA KAILASH FANIBHARE	BSC 2nd year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
68	Sarita Shrikant Padole	MSc (2nd sem)	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
69	Harsha Vijay Ghole	Msc sem II	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
70	Vaishnavi sudhir nakle	Bsc(1st) sem	P	P	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P
71	Krutika Ramu Thakre	BSc (computer science)	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
72	KHUSHI AKASH MAKHIJA	BCA 1st Year	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
73	Vaibhav Prakash Mithe	BCA 1st year	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P

Principal
Nehru Mahavidyalaya
Mikkeshara Chowk, Nagpur

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Yash Shyamkumar Khati

Satisfactory completion of the Embedded System Basics and 8051 Microcontroller Interfacing *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Electronics

Kamla Nehru Mahavidyalaya, Nagpur from 26th April to 16th May 2021.

He/She Passed at the Examination in Grade B+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya
Nagpur

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Ritik Sanjay Batha

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Course Co-ordinator

Principal
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Nagpur

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Mahinnaz Javed Sheikh

Satisfactory completion of the Embedded System Basics and 8051 Microcontroller Interfacing *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Electronics

Kamla Nehru Mahavidyalaya, Nagpur from 26th April to 16th May 2021.

He/She Passed at the Examination in Grade B+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya
Nagpur

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Neha Pradip Charde

Satisfactory completion of the Embedded System Basics and 8051 Microcontroller Interfacing *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Electronics

Kamla Nehru Mahavidyalaya, Nagpur from 26th April to 16th May 2021.

He/She Passed at the Examination in Grade B+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya
Nagpur

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Khushbu Rajkumar Langlwar

Satisfactory completion of the Embedded System Basics and 8051 Microcontroller Interfacing *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Electronics

Kamla Nehru Mahavidyalaya, Nagpur from 26th April to 16th May 2021.

He/She Passed at the Examination in Grade B+

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya
Nagpur

Kamla Nehru Mahavidyalaya, Nagpur
DEPARTMENT OF ELECTRONICS
Certificate Course
On
Embedded System Basics and 8051 Microcontroller Interfacing
Session 2020-21

Report

Aim & Objectives:

Aim:

Our aim is to enhance student's practical knowledge about microcontroller and basics of embedded system for develop their interaction with innovative project ideas.

Objectives:

1) Generate awareness about embedded system applications in electronics era.

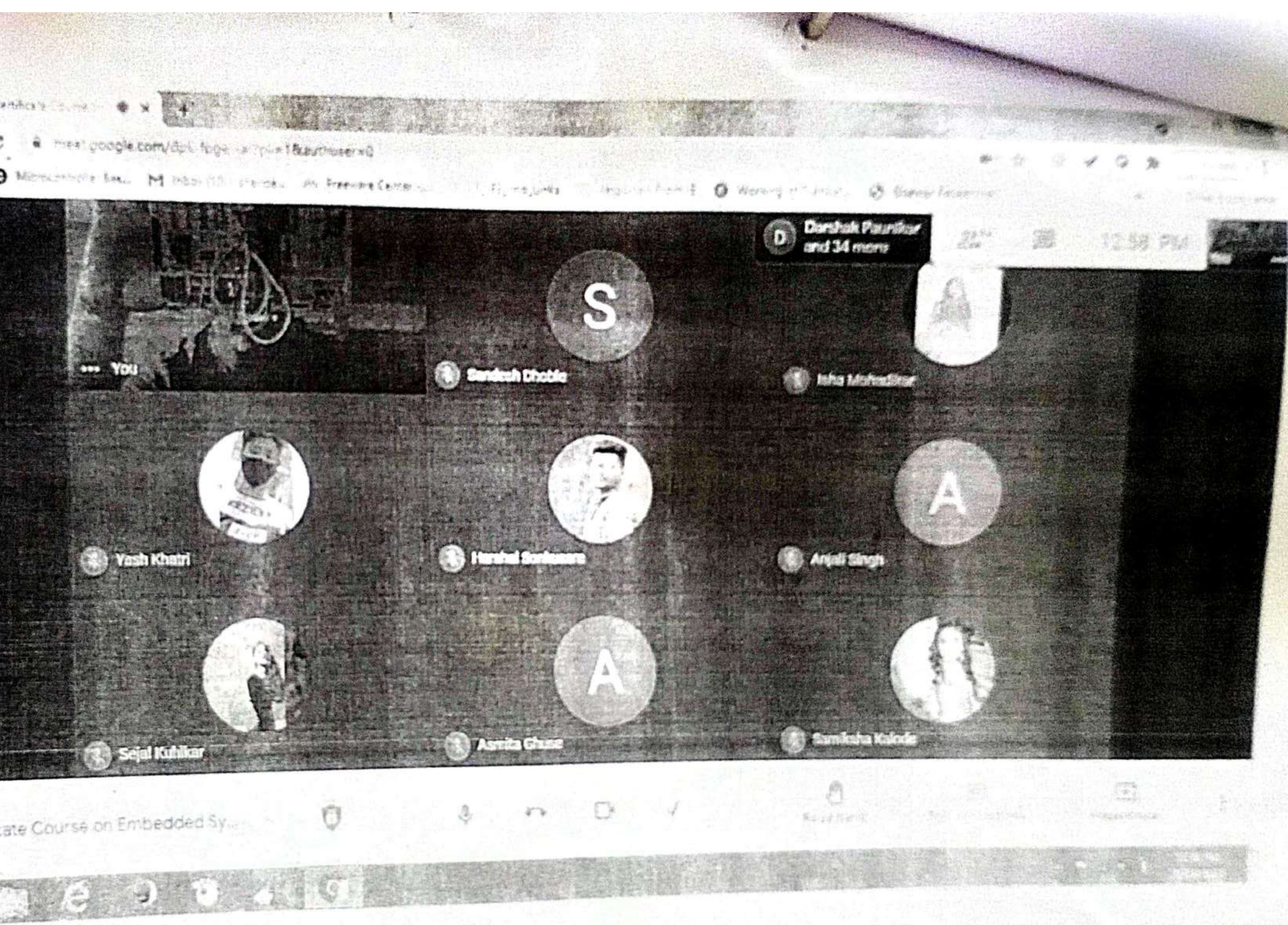
2) Develop mindset about advanced electronics project ideas.

Nature of Activity / Procedure:

Certificate course on embedded system basics and 8051 microcontroller interfacing was organized by Department of Electronics for students of B.Sc. and M.Sc.course started from dated **26 April 2021to 26 May 2021**.Our students had actively participated in certificate course also interacted with faculties for developed ideas of innovative project. **Number of beneficiary= 73 students.**

Outcome:

1) Improvement in student's self-confidence and communication skills.
2) Students understood importance and applications of 8051 microcontroller.
3) Students aware about applications and innovation in embedded system.

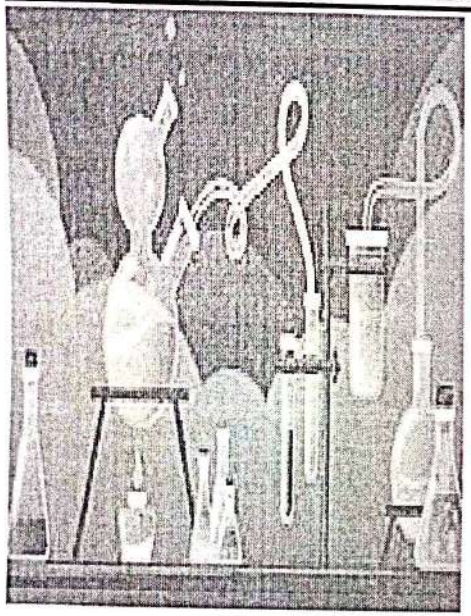

You
Sandesh Dhoble
Darshak Paunikar and 34 more
Yash Khatri
Harshal Sonkusare
Anjali Singh
Sejal Kuhikar
Asmita Ghase
Samiksha Kalode
ate Course on Embedded Sy


You
Ashish Dand
sonika khandel...
and 35 more
12:58 PM
You
REETIKSHA
Vaishnavi
Isha gupta
Isha Mohadikar
Sakshi Shend
Anjali Singh
Pranal dhoble

Kamla Nehru Mahavidyalaya

Department of Chemistry

Certificate Course on synthesis & Applications of advanced Polymers



- Molecular weight Determination
- Luminescence
- Ion exchange Copolymer
- Terpolymers
- SBR Rubber
- Commercial polymers
- Methods of synthesis of Organic polymers
- Applications of polymers Copolymers

Kindly register for the Certificate course by using following link

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSdTF27ZjjX81lj7YiYSu1qRUAC7PVW27cneyJ8y0EKZu1ulA/viewform?usp=pp_url

Registration Fees: 200/-

Organized by:
Department of Chemistry
Kamla Nehru Mahavidyalaya, Nagpur

Venue
Auditorium
Time: 12: 30 to 1:30 pm
Date: 15/07/2021 to 30/07/2021

Coordinator
Dr. W. B. Gurnule

Principal
Dr. D.S. Badwaik

Chemistry

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
Gurunanak Bhavan, University Campus, Amravati Road, Nagpur - 440 033. Phone : 2530860
E-mail : doll_rtmnu@gmail.com

To,
The Principal
Kamla Nehru College,
Nagpur.

No.DOLLE/151/21
Dated : 24.02. 2021

Subject : **Sanction for Conducting Online Short Term Courses under Jeevan Shikshan Abhiyan on No Grant Basis.**

Sir/Madam,

With reference to your proposal for conducting Online Short Term courses indicated below under Jeevan Shikshan Abhiyan of this Department, I am to inform you that your proposal have been accepted by the Department and your College has been granted permission to conduct the online course on the following conditions:

Details of the Course

Sr. No.	Name of the Course	Duration	No. of Candidates to be admitted	Fees to be Charged per Student	Fees to be Deposited With the Deptt.
1	Certificate Course in Beautification	1 Month	50	300/-	10%
2	Certificate Course in Nursery Techniques with Special reference to floriculture	15 days	60	200/-	10%
3	Certificate Course in Biofertilizer formulation from agricultural waste and crop improvement through Biotechnology	1 Month	60	300/-	10%
4	Certificate Course in Agricultural Waste Management	1 Month	50	300/-	10%
5	Certificate Course in Cookery and Food Preservation	2 Months	50	500/-	10%
6	Certificate Course in Quantitative Aptitude	12 Weeks	30	300/-	10%
7	Certificate Course in Synthesis and Applications of Advanced Polymers	15 days	100	200/-	10%

Rules & Regulations of this Department regarding these courses should be strictly followed.

1. **Owing to Covid-19 situations all the norms of Central & State Government and instructions by R.T.M. Nagpur University, Nagpur should be strictly followed.**
2. **This sanction is valid for this particular Batch only.**
3. Fees for the course should be charged as per the norms prescribed.
4. Expenditure on the course should be incurred as per norms.
5. Course should be started within a Month from the date of sanction.
   Please communicate your acceptance within a month and submit the Initial Report
   Submit the List of Students admitted in the excel format attached herewith.
   Also send a soft copy in CD/Pen drive.
6.

Yours faithfully,

SYLLABUS

MODULE 1: Synthesis of Polyaniline and Photocatalytic Applications Period: 1

Methods of synthesis polyanilines, metal oxides, Composites

Applications of these composites.

MODULE 2: Synthesis of Advanced polymer methods and Applications Period: 1

Methods of synthesis of advanced polymers by polycondensation method, addition polymerization and copolymerization

MODULE 3: Synthesis of copolymers Period: 1

Methods of synthesis of copolymers and terpolymers b in laboratory by condensation, coordination polymerization and emulsion polymerizations

MODULE 4: Molecular weight Determination of Polymers Period: 1

Molecular mass, molar distribution, Number average and weight average molecular weight of polymers, VPO Method

MODULE 5: Synthesis and Applications of organic polymers Period: 1

Methods of synthesis of organic polymers, copolymers by free radical, emulsion and copolymerization

MODULE 6: Luminescence Properties of Polymers Period: 1

Luminescence, emissions, Photoluminesce and Thermoluminescence of organic polymers

MODULE 7: Synthesis of Coordination Polymers Period: 1

Sythesis of different types of ligand, synthesis of coordination Polymers by ultrasonication and other methods

MODULE 8: Types of polymers Period: 1

Linear, brancedcrosslinked thermoplastic, thermosetting, fibres, nanofibres, elastomers stereopolymers

MODULE 9: Ion Exchange Copolymers Period: 1

Effect of electrolytes on uptake of metal ions, Effect of time on uptake of metal ions and determination of distribution of metal ionsie effect of pH on uptake of metal ions.

MODULE 10: Thermal properties of Terpolymers Period: 1

Activation energy, order of reaction, Sharp-wentworth method, Freeman Carroll method, thermodynamic parameters calculations

MODULE 11: Synthesis of Advanced polymer SBR Rubber and its Applications

Synthesis of SBR rubber and composites with nano filler, Period: 1

Emulsion polymerisation method, Two roll mill method

Mechanical, thermal and environmental properties

MODULE 12: Applications of Polymers Period: 1

Nylon, terylene, amide fibres, shoes sol, adhesive, door, chair and other items useful to society

MODULE 13: Methods of synthesis of Organic polymers Period: 1

Method of synthesis of organic polymers and copolymers by copolymerization method and other methods

MODULE 14: Terpolymer synthesis and their characterization Period: 1

Characterization of polymers and terpolymers by spectral methods, thermal, elemental analysis, molecular weight, and physicochemical methods

MODULE 15: Commercial polymers Period: 1

Synthesis and applications of polyethylene, ceullulose acetate, polyamide polyester, ureas resins and epoxy resins.

Total Number of Periods: 30

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar SewaMandal's

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur

Reaccredited A+ Grade with CGPA 3.53

Certificate Course in Synthesis and Applications of Advanced Polymers

Department of Chemistry

TIME TABLE

Date: From 15/07/2021 to 30/07/2021

Sr. No	Date	Time	Theory	Time	Practical
1.	15/07/2021	12.00 to 1.00 pm	Prof. Navinchandra Shimpi	1.00 to 2.00 pm	Dr.RinaBagade
2.	16/07/2021	12.00 to 1.00 pm	Dr. K. A. Nandekar	1.00 to 2.00 pm	Dr. R. R. Dubey
3.	17/07/2021	12.00 to 1.00 pm	Prof. W. B. Gurnule	1.00 to 2.00 pm	Dr. M. S. Wagh
4.	19/07/2021	12.00 to 1.00 pm	Dr. Naresh Bansod	11.00 to 12.30 pm	Dr.RinaBagde
5.	20/07/2021	12.00 to 1.00 pm	Dr. Rina Bagde	11.00 to 12.30 pm	Ms Swati Burde
6.	21/07/2021	12.00 to 1.00 pm	Dr. S. S. Rahangdale	11.00 to 12.30 pm	Ms. Swati Burde
7.	22/07/2021	12.00 to 1.00 pm	Dr.Mehjabin Huque	11.00 to 12.30 pm	Dr.S. M. Gadegone
8.	23/07/2021	12.00 to 1.00 pm	Dr. R. R. Dubey	11.00 to 12.30 pm	Prof. W. B. Gurnule
9	24/07/2021	12.00 to 1.00 pm	Dr.Chayan Das	11.00 to 12.30 pm	Dr. W. B. Gurnule
10	25/07/2021	12.00 to 1.00 pm	Dr. S. Mandavgade	11.00 to 12.30 pm	Dr. M. S. Wagh
11	26/07/2021	12.00 to 1.00 pm	Dr. S. M. Gadegone	11.00 to 12.30 pm	Ms. Swati Burde
12	27/07/2021	12.00 to 1.00 pm	Dr. S. S. Umare	11.00 to 12.30	Ms. Swati Nagare

13	28/07/2021	12.00 to 1.00 pm	Dr. W. B. Gurnule	pm 11.00 to 12.30 pm	Dr. R. R. Dubey
14	29/07/2021	12.00 to 1.00 pm	Dr. S. S. Rahangdale	11.00 to 12.30 pm	Dr. W. B. Gurnule
15	30/07/2021	12.00 to 1.00 pm	Dr. M. S. Wagh	11.00 to 12.30 pm	Ms. Swati Nagre

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar SewaMandal's

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur

Reaccredited A+ Grade with CGPA 3.53

Certificate Course in

Synthesis and Applications of Advanced Polymers

Department of Chemistry

Attendance List of Participants

S.N	Name of Students	7/15/2021	7/16/2021	7/17/2021	7/19/2021	7/20/2021	7/21/2021	7/22/2021	7/23/2021	7/24/2021	7/25/2021	7/26/2021	7/27/2021	7/28/2021	7/29/2021	7/30/2021
1	Ku.Samiksha Deshbhratar	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD
2	Ku. Swati Rathod	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati
3	Ku. Supriya Bawankar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar	SBkar
4	Ku. Dipti Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar	Yelekar
5	Ku. Komal Jangale	Kanj.	Kanj	Kanj.	Kanj	Kanj.	Kanj.	Kanj.	Kanj	Kan	Kanj	Kanj.	Kanj	Kanj	Kanj	Kanj
6	Ku. Neha R. Kamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe	Nkamthe
7	Ku. Prajakta Parteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki	Pparteki
8	Mr.Niraj Nakade	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn	Nirajn
9	Ku. Lipika Das	Lipika	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi	Lipi
10	Ku. Gauri Selokar	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri	Gauri
11	Ku. Mitali Sonkusare	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
12	Ku. Vaishali Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde	Bagde
13	Ku. Punam Rahangdale	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
14	Mr.Makarand Pohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar	Mpohankar
15	Ku. Anushri Kartalkar	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri	Anushri
16	Ku. Rutuja Shende	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja

17	Ku.Omeshwari Lanjewar															
18	Mr.Ashay Hadke															
19	Ku. Nitu Bokde															
20	Ku. Alka Pawar															
21	Ku.Aishwarya Gulalkari															
22	Ku. Smita Padole															
23	Ku. Ashwini Gotekar															
24	Ku. Renuka Dehare															
25	Ku. Ketaki Wadhai															
26	Mr.Prashant Mungle															
27	Ku. Khushbu Selokar															
28	Ku. Shreya Zarbade															
29	Mr.Darshan Kathane															
30	Ku. Varsha Sukhdeo Deshbhratar															
31	Ku.Shruti Chinchalkar															
32	Ku. Tanmayee Bagade															
33	Ku. Yashshree Hande															
34	Ku. Disha Burbandhe															
35	Ku. Namrata Nandekar															
36	Mr.Vedant Waikar															
37	Ku. Pranjali Dhopte															
38	Ku. Laxmi Moharkar															
39	Mr. Nikhil Dekate															
40	Ku. Purva Shende															
41	Ku. Shreya Zarbade															
42	Ku. Gayatri Donarkar															
43	Ku. Sakshi Jagnade															
44	Ku. Shraddha Dhomne															
45	Ku. Himanshi Junghare															
46	Mr. Rahul Thawkar															

47	Ku. Pratiksha Kinkar																
48	Ku. Yamini Rakhunde																
49	Ku. Vaishnavi Landge																
50	Ku. Supriya Wanjari																
51	Mr.Saurabh Thawkar																
52	Ku. Mrunali Lambat																
53	Ku. Samiksha Dongre																
54	Ku. Dipika Dhakate																
55	Mr.Yash Godbole																
56	Ku. Anushree Kulkarni																

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Swati R. Rathod *on Satisfactory completion of the* Certificate Course in Synthesis & Application of Advanced Polymers *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Chemistry *Kamla Nehru Mahavidyalaya, Nagpur from* 15-07-21 *to* 30-07-21

He/She Passed at the Examination in Grade 'A'

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Dipti C. Yelekar *on Satisfactory completion of the* Certificate Course in Synthesis and Application of Advanced Polymers *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Chemistry *Kamla Nehru Mahavidyalaya, Nagpur from* 15-07-21 to 30-07-21

He/She Passed at the Examination in Grade 'A+'

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Konal A. Jangale *on Satisfactory completion of the* Certificate Course in Synthesis and Application of Advanced Polymers *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Chemistry *Kamla Nehru Mahavidyalaya, Nagpur from* 15-07-21 *to* 30-07-21

He/She Passed at the Examination in Grade 'A'

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Komal A. Jangale *on Satisfactory completion of the* Certificate Course in Synthesis and Application of Advanced Polymers *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Chemistry *Kamla Nehru Mahavidyalaya, Nagpur from* 15-07-21 *to* 30-07-21

He/She Passed at the Examination in Grade 'A'

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Purva Shende

Satisfactory completion of the Certificate Course in Synthesis and Application of Advanced Polymers *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Chemistry

Kamla Nehru Mahavidyalaya, Nagpur from 15-07-21 to 30-07-21

He/She Passed at the Examination in Grade 'A+'

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

Rashtrasant Tukadoji Maharaj Nagpur University

Board of Lifelong Learning and Extension

CERTIFICATE

Awards this certificate to Shri/Smt./Miss. Yash Godbole on

Satisfactory completion of the Certificate Course in Synthesis and application of advanced Polymers *Certificate Course under Jeevan Shikshan Abhiyan run by Department of Lifelong Learning and Extension in collaboration with Department of* Chemistry

Kamla Nehru Mahavidyalaya, Nagpur from 15-07-21 to 30-07-21

He/She Passed at the Examination in Grade 'A+'

Course Co-ordinator

Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Director
Dept. of Lifelong Learning and extension,
R.T.M. Nagpur University

8/28/24, 2:19 PM IMG_20240828_140553.jpg

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

Re-accredited by NAAC with (A+) grade (CGPA 3.53)

Department of Mathematics
Organizing
Value Added Course
2020-2021

Course Highlight

Value Added Course(30hrs.)

Date: 01/02/2021 to 17/02/2021

Topic : "Value Added Course in Vedic Mathematics"

Course Co-Ordinator: Dr. Manjusha V. Borkar
Head, Department of Mathematics
Kamla Nehru Mahavidyalaya Nagpur

Patrons:

Hon'ble Dr. Suhasini Wanjari
President, Amar Sewa Mandal
Amar seva Mandal Nagpur

Hon'ble Adv Abhijit Wanjari
MLC and Secretory, Treasure.

Hon'ble Dr. Smeeta Wanjari
Amar Seva Mandal, Nagpur

Organizer:
Dr. Dilip Badwaik
Principal

Date 15/01/2021

To
The Principal
Kamla Nehru Mahavidyalaya
Nagpur

Subject: To conduct Value added course.

R. Sir

Department of Mathematics going to conduct online value added course in Vedic Mathematics from 1st Feb 2021 to 17th Feb 2021,
I request to give us permission to conduct this program.
Thanking you!

Yours Sincerely
(Dr. M. V. Boekhe)

Permitted
15/1/2021

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

Mathematics Department

"Value Added course in Vedic Mathematics"

Academic Session: 2020 – 2021 Duration: 15 days

Teaching Plan

Sr. No	Topic	Hours
1	Addition	2 Hours
2	Subtraction	2 Hours
3	Multiplication	2 Hours
4	Square and Square root	2 Hours
5	Cube and Cube root	2 Hours
6	Magic Calendar	2 Hours
7	Digital root	2 Hours
8	Osculation	2 Hours
9	Quadratic Equation	2 Hours
10	Cubic Equation	2 Hours
11	Biquadratic Equation	2 Hours
12	Division	2 Hours
13	Pythagoras Theorem	2 Hours
14	Apollonius's Theorem	2 Hours
15	Compound multiplications	2 Hours

Dr. Manjusha V. Borkar

Head, Department of Mathematics,

Kamla Nehru Mahavidyalaya, Nagpur

Dr. D.S. Badwaik

Kamla Nehru Mahavidyalaya, Nagpur

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALAYA

NAGPUR

Mathematics Department

"Value Added course in Vedic Mathematics"

Academic Session: 2020 – 2021 Duration: 15 days (2Hours)

Time table

Day	Time
Monday	11:00am to 1:00pm
Tuesday	11:00am to 1:00pm
Wednesday	11:00am to 1:00pm
Thursday	11:00am to 1:00pm
Friday	11:00am to 1:00pm
Saturday	11:00am to 1:00pm

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALAYA

NAGPUR

Mathematics Department

"Value Added course in Vedic Mathematics"

Academic Session: 2020 – 2021 Duration: 15 days

Attendance Sheet

Sr. No.	Name of student	Date														
		01-02-2021	02-02-2021	03-02-2021	04-02-2021	05-02-2021	06-02-2021	08-02-2021	09-02-2021	10-02-2021	11-02-2021	12-02-2021	13-02-2021	15-02-2021	16-02-2021	17-02-2021
1	ACHAL ABHAY SOMANKAR	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
2	ADITYA NAMDEO THAVKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
3	AJINKYA AJAYKUMAR ADE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
4	AKASH VIJAY NAGDEVE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
5	AKSHAY YADAV MENGARE	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P
6	AMISHA MADHUKAR WAKODIKAR	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
7	AMIT ARUN PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
8	AMIT VASANTA MESHRAM	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
9	ANAM FIRDOUS IQBAL KHAN .	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	ANISH NILESH WAGHMARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	ANJALI DINKAR AMBEKAR	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A
12	ANKITA JITENDRA PRAJAPATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	ARSHI NISHAT MOHD. JAVED .	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
14	ASHISH DNYANESHWAR DANDEKAR	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
15	ASHIYA PARVIN MOHAMMAD SIRAJ .	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	ASHUTOSH GOVARDHANDAS JAUNJAL	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
17	ASHWADEEP CHAKRADHAR TAGDE	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P
18	AYUSHI RAJUSINGH NAKORIYA	P	P	P	P	A	P	A	A	P	P	P	P	A	P	
19	BARKHA GOPAL SHAHARE	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P
20	BHAVESH RAMESH TOLANI	P	P	P	P	P		P	P	P	P	P	P	A	P	P
21	CHAITALI ARVIND SHRIPATRE	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P

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22	CHINMAY ASHOK NIWANT	P	P	P	A	P	P	P	P	P	P	P	A	P	P	A	
23	DARSHAN BHOJRAM WARTHI	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	
24	DEWANSHU DASHRATH UKARE	A	P	P	P	P	A	P	P	P	A	P	P	P	A	P	
25	DHANASHRI RAMKRUSHAN KHANGAR	P	P	P	P	P	P	A	P	P	P	A	P	A	P	P	
26	DHANLAXMI DHARAMRAJ BURDE	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	
27	DHANSHREE DATTATRAYA SHEGOKAR	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P	
28	DHIRAJ DHANANJAY KUTHE	A	P	P	P	P	P	P	P	P	A	P	P	P	P	A	
29	DIPANSHU SANJAY TONGE	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	
30	DIVYA RAJU MOHADIKAR	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P	
31	DIVYA RAVINDRA RODE	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	
32	HARSH SUNIL KHANORKAR	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	
33	HARSHITA MAROTI MIRASE	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	
34	HEMANSHU NANDKISHOR AKHARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
35	HRITIK RAJESH NANDAGAWALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
36	ISHA VINAYAK MOHADIKAR	P	P	P	P	P	P	A	P	P	P	P	P	P		P	
37	ISHA VINOD VIDHATE	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	
38	ISHA VINODRAO DEULKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
39	JATIN RAJESH BATRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
40	JAYASHREE GOVINDA KORE	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	
41	KARAN SURESH DOIFODE	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	
42	KHUSHI RAJENDRA MEHAR	P	P	P	P	P	P	A	P	A	P	P	P	P	P	A	
43	KRUSHNAKANT PRAMOD PATHAK	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
44	LIKHITA DINESH KHONDE	P	P	A	P	P	A	P	P	P	P	P	A	P	P	A	
45	LUBNA ASLAM SHEIKH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
46	MADHAVENDRA SUNILKUMAR PUROHIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
47	MANISH RAJESH KUMAR JAISWAL	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	
48	MANOJ ANIL PATLE	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	
49	MANSI SHRIRAM GAURKAR	P	P	P	A	A	P	P	P	P	P	P	P	P	A	P	
50	MAYANK VILAS CHICHULKAR	P	P	P	P	P	P	A	P	P	P	P		P	P	P	
51	MOHINI ANIL MASURKAR	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	
52	NAYAN SURESH KORDE	P	A	P	P	P	A	P	P	P	P	P	P	A	P	P	
53	NEHA PRADIPRAO PATTE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	
54	NEHA PURUSHOTTAM THAKRE	P	P	P	P	P		P	P	P	P	A	P	P	P	P	
55		P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	

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PARTH GOPICHAND INGALE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
PIYUSH DNYANESHWAR MANAPURE	P	P	P	A	P	P	P	P	P		P	P	P	P	P	A
PRACHI SANJAY DEWADE	P	P	P	P	P	A	A	P	P	P	A	P	A	P	P	P
PRAJWAL DILIP DAKRE	P	P	P	A	A	P	P	P	A	P	P	P	P	A	P	P
PRAJWAL KESHAV WAGHMARE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
PRAJWAL KISHOR KADU	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
PRANJU DEVIDAS BELE	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	A
PRASAD DATTATRAYA SURYAWANSHI	P	P	P	P	P	P	P	P	A	P	P	P	A	P	A	A
PRATHAMESH CHANDUJI DHAWADE	P	P	P	P	A	P	A	P	P	A	A	P	A	P	P	A
PRATHMESH HITENDRA RAUT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
PRATIK DNYANESHWAR HANWATE	P	P	P	P	P	A	P	P	P	A	A	P	P	P	P	P
PRAYER ARUN ARJE	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
PURUSHOTTAM VINOD KOHAD	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	A
PURVESH NARAYANRAO ADASD	P	P	P	A	P	A	P	P	P	P	A	A	P	P	P	P
RADHIKA GAJANAN LAWHALE	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P
RAKSHA RAVINDRA KAPSE	P	P	P	P	P	A	P	A	P	P	P	A	P	P	P	P
RITIK DUKHURAM YERNE	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P
RITIK SANJAY BATHO	P	P	P	P	P	A	P	P	P	P	A	P	A	P	P	P
RITIKA VIJAY GOUR	P	P	P	P	A	P	P	P	A	P	P	A	P	P	P	P
RUCHIKA DINESH DHOKNE	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
RUTUJA DEEPAK BORKAR	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	A
RUTUJA DILIP LAKHE	P	P	P	P	P	P	P	A	A	P	P	P	A	P	P	P
SAHIL NARENDRA POTDAR	P	P	P	P	A	P	P	P	P	A	P	P	P	P	A	
SAKSHI ANKUSH KURZEKAR	P	P	P	P	P	P	A	P	P	P	A	P	P	A	P	
SAKSHI KHUSHAL JAGNADE	P	P	P	A	P	A	P	P	P	A	P	P	P	P	A	
SAMEER CHANDRAKANT ASHTANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
SAMIKSHA DNYANESHWAR PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
SAMRUDDHI MOHAN HIWASE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
SANA MEHMOOD SHAIKH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
SANCHAY RAJKUMAR ALONE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	
SAURABH CHINTAMAN PANTAWANE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
SAURABH PRAMOD SHENDE	P	P	P	P	P	A	P	A	P	P	P	A	P	P	P	
SEJAL RAJENDRAJI NAKADE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	

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	SEJAL RAJESH KUHIKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
0	SEJAL SANJAY DHOTKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
1	SHARVARI PRAFUL BIRAMWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	SHIVANI DALIRAM BISEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	SHIVANI PURUSHOTTAM BHANUSE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	SHRADDHA JAGESHWAR MESHRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	SHREYA RAMESH PARATE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	SHREYASH SANJAY NAGDEVE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	SHRUTI DASHRATH MAKADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	SHWETA RAVI POHANARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	SIDDHI SATISH ATKARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
00	SNEHAL RAJESH SAKHARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
01	SONIYA NARENDRA TEMBHURNE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
02	SUHAS KASHINATH TUMRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
03	SUPRIYA MANOJ BANSOD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
04	SUYOG FULSAR SATIBAWNE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
05	TANMAY SHASHIKANT WAROKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
06	TANU BHOLA SHIRKE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
07	TANUSHREE DEVAJI BHUJADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
08	TEJAL SIDDHARTH GHARDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
09	TEJAS BANDUJI CHACHARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	TEJAS MANOJ KUMLEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	TEJASWINI SHRIHARI AGLAWE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	TUSHAR BALU BELKHODE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	TUSHAR PRUTHVIRAJ BISEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	UMAR ANWAR KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	VAISHNAVI BHUSHAN DUPARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	VAISHNAVI RATNAKAR CHAMBHARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	VANSHIKA MANOJ AWACHAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	VANSHIKA MOHAN DHOBLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	VARUN CHANDRAKANT SELOKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	VEDANT VASANTRAO SONBHADRE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	VEDANTI MOHAN PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	VINAY DEEPAK REWATKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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	VISHAKHA DADARAO RASEKAR	P	A	P	A	P	A	P	P	P	P	P	P	P	A	P			
124	VISHAL PRABHU BHENDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
125	YASH DILIPRAO MAKDE	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
126	YASHASHREE SUDHAKAR BOBADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
127	YOGESH RAVINARAYAN PANDEY	P	P	P	A	P	P	A	P	P	P	P	A	P	P	P			
128	ALISHA SURENDRA BAWANKAR	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P			
129	ANKITA RAJESH GUPTA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P			
130	ASHVINI UDARAM CHOPKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P			
131	ASHWINI YASHWANT KINDARLE	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
132	CHANDRAKALA HEMRAJ UMREDKAR	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P			
133	DISHA ASHOK CHUG	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A			
134	GAUREE RAJENDRASINGH SOLANKI	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P			
135	KIRAN DEORAO BHOYAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
136	KIRTI DINESH SAHU	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P			
137	MONIKA NAMDEV THAVKAR	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
138	MRUNAL NUTAN PATLE	P	A	P	P	P	P	P	A	P	P	A	P	P	P	P			
139	MRUNALI NILKANTH NANDESHWAR	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P			
140	NEHA MUNNALAL MACHHIRKE	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P			
141	NIKITA GANESH SARVE	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P			
142	NIKITA PURUSHOTTAM GEDAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
143	NISHA RAJKUMAR KOLHE	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P			
144	PRADYUNNA ASHOKRAM MOHARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
145	RACHANA PRAKASHRAO WANKAR	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P			
146	ROHINI DINESH HINGE	P	A	P	A	P	P	P	A	P	P	P	P	P	A	A			
147	RUPALI NARESHRAO BHURE	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P			
148	SANDIP KAMALDAS CHAHANDE	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P			
149	SHIVANI SHAILESH THERE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P			
150	SHRADDHA CHUNNILAL MATE	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P			
151	SHREYA DURYODHAN RAMTEKE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P			
152	SHRUTIKA RAJESH MENDHE	P	P	P	A	P	P	P	A	P	P	P	P	P	P	A			
153	TEJSWINI SITARAMJI DESHMUKH	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P			
154	ANKESH KUMAR MISHRA	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P			
155	BHAGYASHRI GYANIWANT HATWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A			
156	DAMINI RAJU WANJARI	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P			
157		A	P	P	P	P	P	P	P	P	P	P	P	P	P	P			

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KALYANI DEEPAK MULEY															
KAMRUNNISHA MOHAMMAD HUSSAIN SHEIKH	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P
MAYURI HEMRAJ ADKINE	A	P	P	P	P	A	P	P	P	P	P	P	A	P	P
MEGHA OMESH CHOUDHARI	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A
PRANALI HIVRAJ MALODE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
PRATIKSHA PRAKASH DHAWDE		P	P	P	P	P	P	P	A	P	P	P	P	P	P
PRIYAL MOHAN BHURE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
SNEHAL PURUSHOTTAM NARAD	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
TRUPTI RAMKRUSHNA BHURE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A
TRUPTI SHIVRAM MAKADE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
VIDYA HOMRAJ MARBATE	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
YAMINI LALITKUMAR BANOTHE	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P

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Value Added course in Vedic Mathematics *for the session* 2020-2021 .

Adv. Abhijit G. Wanjarri	Dr. Smeetaa A. Wanjarri	Dr. Dilip S. Badwaik
MLC & Secretary	Senate Member RTMNU &	Principal
Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal	Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

WANJARRI GROUP
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(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

This certificate is proudly awarded to

Mr. Karan Suresh Doifode

of the Class B.Sc. II yr *for his/her outstanding performance in the field of*

Value Added Course in Vedic Mathematics *for the session* 2020-2021 .

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Department of Mathematics

"Value Added course in Vedic Mathematics"

Academic Session: 2020 – 2021 Duration: 15 days

Report

Aim: To Predict the ability to learn new skills.

Objectives: To determine an individual's skill to succeed in a given activity.

Department of Mathematics taken **"Value Added course in Vedic Mathematics"** on the platform of offline mode for under graduate and post graduate students for the duration 15 days (2hrs/day) from 1st Feb 2021-17th Feb 2021 in G-3 at 11:00a.m.

This kind of programs that help students learn more skills and knowledge, making them better at their career. It is also improvement the student abilities, extend knowledge and advance their career.

No. of Beneficiaries: 168

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(NAAC Re-accredited with A+ grade –CGPA 3.53)

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Department of Cosmetic Technology

Session 2020-2021

Organizing

Value Added Course (30 Hrs) and Certificate Course (58 Hrs)

Patrons

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Sewa Mandal, Nagpur

Hon'ble Adv. Abhijit Wanjarri
MLC and Secretary , Amar Sewa Mandal, Nagpur

Hon'ble Dr. Smeetaa Wanjarri
Treasurer, Amar Sewa Mandal, Nagpur

Organizer

Dr. Dilip Badwaik
Principal

Course Highlights

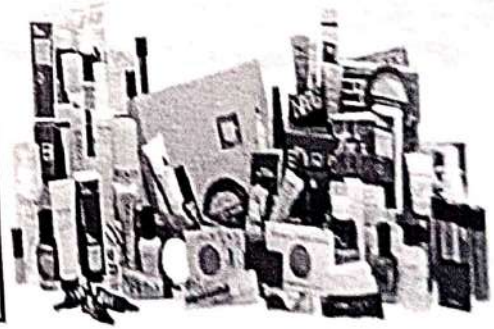
❖ *Value Added Courses (Date: 10/02/2021 to 28/02/2021)*

1. *Skin Care (For BCT Semester II)*
2. *Hand and Feet Care (For BCT Semester IV)*
3. *Professional Makeup Techniques (For BCT Semester VI)*
4. *Personality Development (For BCT Semester VIII)*
5. *Effective Writing (For MCT Semester II)*
6. *Entrepreneurship Skill Development (For MCT Semester IV)*

❖ *Certificate Course (Date: 08/03/2021 to 31/03/2021)*

1. *Beautification (For BCT Semester V)*

For Admission Contact
Dr. Ketki Misar,
Head Department of Cosmetic Technology,
9822810291



01-02-2021

To,
The Principal,
Kamla Nehru Mahavidyalaya,
Sakkardara,Nagpur

Subject:- Permission for conducting Value Added Course on "Hand and Feet Care" for BCT Semester IV (Session 2020-21)

Respected Sir,

Department of Cosmetic Technology, request you to give permission for conducting Vale Added Course on "Hand and Feet Care" for the students of BCT Semester-IV for the session 2020-21 from 10-02-2021 to 28-02-2021 (30 hours).

So, kindly give permission.

Thanking you

Yours sincerely,

Dr. Ketki S. Misar
H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

Permitted
1/2/2021
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Hand and Feet Care
Session: 2020-21
Bachelor of Cosmetic Technology Semester IV

Syllabus:

Theory: 15 hours

- Anatomy of Hand
- Anatomy of Feet
- Anatomy of Nail
- Basic Hand and Feet Care
- Hand and Feet Care for Summer
- Hand and Feet for Winter
- Hand and Feet for Rainy season
- DIY Hand and Feet care
- Common Hand and Feet problems
- Footwear and foot health
- Role of massage in Hand and Feet Care
- Hand and Feet massage techniques
- Importance of Exercise in Hand and Feet Care
- Remedies for sore feet
- Nail Care

Practical:

- Manicure — 5 hour
- Pedicure — 5 hour
- Nail art — 5 hour

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Sakkardara Square, Nagpur

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Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Hand and Feet Care
Session: 2020-21
Bachelor of Cosmetic Technology Semester IV
Time Table
Date: 10-02-2021 to 28-02-2021

Theory: 15 hours

Sr. No.	Day	Time	Teacher
1.	Monday	3:00pm to 5:00pm	Ms. Sneha Sambare
2.	Tuesday	3:00pm to 5:00pm	Ms. Sneha Sambare
3.	Wednesday	3:00pm to 5:00pm	Ms. Sneha Sambare
4.	Thursday	3:00pm to 5:00pm	Ms. Sneha Sambare
5.	Friday	3:00pm to 5:00pm	Ms. Sneha Sambare
6.	Saturday	3:00pm to 5:00pm	Ms. Sneha Sambare
7.	Monday	3:00pm to 5:00pm	Ms. Sneha Sambare
8.	Tuesday	3:00pm to 5:00pm	Ms. Sneha Sambare
9.	Wednesday	3:00pm to 5:00pm	Ms. Sneha Sambare
10.	Thursday	3:00pm to 5:00pm	Ms. Sneha Sambare
11.	Friday	3:00pm to 5:00pm	Ms. Sneha Sambare
12.	Saturday	3:00pm to 5:00pm	Ms. Sneha Sambare
13.	Monday	3:00pm to 5:00pm	Ms. Sneha Sambare
14.	Tuesday	3:00pm to 5:00pm	Ms. Sneha Sambare
15.	Wednesday	3:00pm to 5:00pm	Ms. Sneha Sambare

Practical: 15 hours

Sr. No.	Subject	Hours	Teacher
1.	Manicure	5 Hours	Ms. Sneha Sambare
2.	Pedicure	5 Hours	Ms. Sneha Sambare
3.	Nail art	5 Hours	Ms. Sneha Sambare

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Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

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Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Hand and Feet Care
Session: 2020-21
Bachelor of Cosmetic Technology Semester IV
Attendance of Course

Sr. No.	Name of Student	Attendance of Date (From 10-02-2021 to 28-02-2021)														
		10	11	12	14	15	16	17	18	21	22	23	24	25	26	28
1.	Abhishek D. Roy	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
2.	Aboli R. Karne	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
3.	Achal A. Narnaware	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Ankita A. Thakre	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
5.	Ankita S. Majrikar	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
6.	Chatali S. Meshram	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
7.	Cheril R. Yewale	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
8.	Dilisha V. Meshram	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	Dipali C. Thakre	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
10.	Divya A. Gajbhiye	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Divya J. Zalke	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
12.	Janvi S. Nannore	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
13.	Kachan G. Donode	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
14.	Komal R. Baisware	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
15.	Manshree R. Gohate	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
16.	Mansi R. Arsade	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
17.	MD AbushadAzmi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Megha K. Sonsarve	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	Namrata R. Pardiakar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	Nikita P. Jais	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	Nisha A. Kohale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	Payal D. Gangoboir	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	Payal V. Gaikwad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	Pranjali S. Bobade	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
25.	Prathamesh H. Moraskar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	Priyanka R. Ganbhoj	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	Ruchika C. Kukde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	Ruchika C. Komte	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
29.	Saloni N. Aswale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	Shivani G. Chavhan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	Shreya S. Mahile	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32.	Sonam R. Umredkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	Sweety S. Rajedhar	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
34.	Tanishka A. Ghodke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35.	Tushar M. Wagh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36.	Unnati S. Menkudale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37.	Vaibhav D. Sanesar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38.	Vaishnavi D. Wadaskar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39.	Vaishnavi O. Dekate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40.	Vaishnavi V. Bhoyar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P

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Cosmetic Technology
Kamla Nehru Mahavidyalaya
Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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Department of Cosmetic Technology

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This is to certify that Ms. Ankita S. Majrikar of Kamla Nehru Mahavidyalya, has Satisfactorily completed "Value added Course on Hand and Feet Care" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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Department of Cosmetic Technology

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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Saloni N. Aswale of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Hand and Feet Care" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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Department of Cosmetic Technology

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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Vaishnavi O. Dekate of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Hand and Feet Care" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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Department of Cosmetic Technology

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CERTIFICATE OF APPRECIATION



This is to certify that Mr. Tushar M. Wagh of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Hand and Feet Care" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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Department of Cosmetic Technology

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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Chaitali S. Meshram of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Hand and Feet Care" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Hand and Feet Care
Session: 2020-21
Bachelor of Cosmetic Technology Semester IV

Aim and Objective:

1. To make students aware about the Value added course on Hand and Feet Care and its curriculum.
2. To make students aware about Anatomy and Physiology of hand and feet.
3. To make students aware about hand and feet care and its needs.

About the Course: Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya conducted Value Added Course on Hand and Feet Care for the students of Bachelor of Cosmetic Technology Semester – IV from 10-02-2021 to 28-02-2021. Under this course Students got knowledge about the hand and feet care. In this course, students were taught basics of the all the theory and practical about hand and feet care. Students were guided about the future scope of Value Added Course on Hand and Feet Care.

Outcome of the Course:

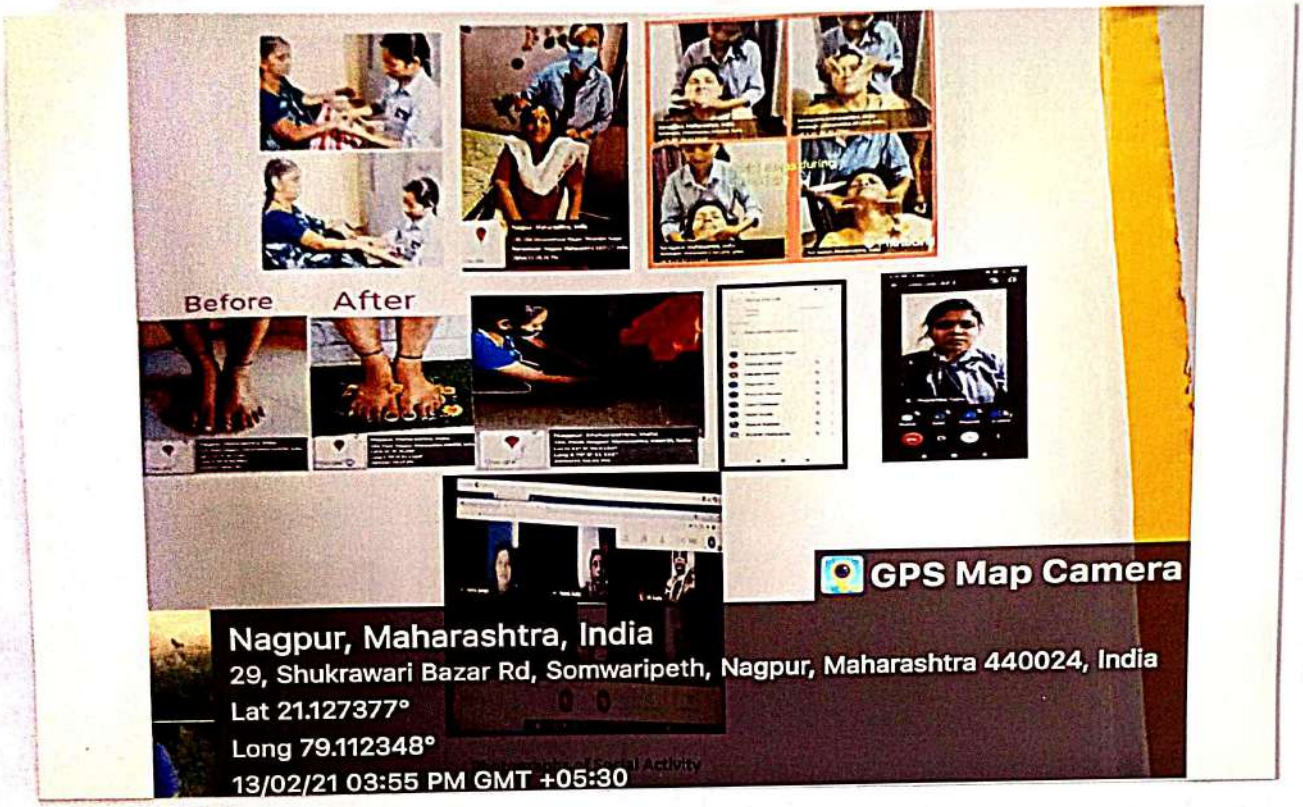
1. Students became aware about the Value added course on Hand and Feet Care and its curriculum.
2. Students became aware about Anatomy and Physiology of hand and feet care.
3. Students became aware about Hand and Feet care and its needs.

Number of Beneficiaries–40

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Cosmetic Technology
Kamla Nehru Mahavidyalay.
Sakkardara Square, Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Hand and Feet Care
Session: 2020-21
Bachelor of Cosmetic Technology Semester IV
From 10-02-2021 to 28-02-2021



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Cosmetic Technology
Kamla Nehru Mahavidyalaya
Sakkardara Square, Nagpur

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Sakkardara Chowk, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

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Department of Cosmetic Technology

Session 2020-2021

Organizing

Value Added Course (30 Hrs) and Certificate Course (58 Hrs)

Patrons

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Sewa Mandal, Nagpur

Hon'ble Adv. Abhijit Wanjarri
MLC and Secretary , Amar Sewa Mandal, Nagpur

Hon'ble Dr. Smeetaa Wanjarri
Treasurer, Amar Sewa Mandal, Nagpur

Organizer

Dr. Dilip Badwaik
Principal

Course Highlights

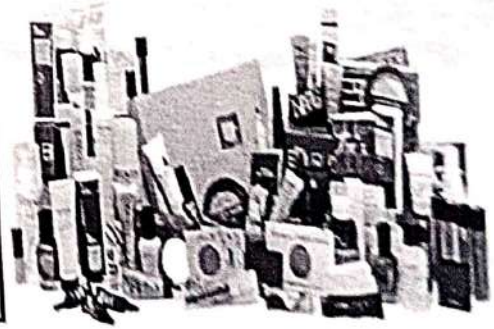
❖ *Value Added Courses (Date: 10/02/2021 to 28/02/2021)*

1. *Skin Care (For BCT Semester II)*
2. *Hand and Feet Care (For BCT Semester IV)*
3. *Professional Makeup Techniques (For BCT Semester VI)*
4. *Personality Development (For BCT Semester VIII)*
5. *Effective Writing (For MCT Semester II)*
6. *Entrepreneurship Skill Development (For MCT Semester IV)*

❖ *Certificate Course (Date: 08/03/2021 to 31/03/2021)*

1. *Beautification (For BCT Semester V)*

For Admission Contact
Dr. Ketki Misar,
Head Department of Cosmetic Technology,
9822810291



01-02-2021

To,
The Principal,
Kamla Nehru Mahavidyalaya,
Sakkardara,Nagpur

Subject:- Permission for conducting Value Added Course on "Professional Makeup Techniques" for BCT Semester VI (Session 2020-21)

Respected Sir,

Department of Cosmetic Technology, request you to give permission for conducting Vale Added Course on "Professional Makeup Techniques" for the students of BCT Semester-VI for the session 2020-21 from 10-02-2021 to 28-02-2021 (30 hours).

So, kindly give permission.

Thanking you

Yours sincerely,

Dr. Ketki S. Misar
H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

Permitted

1/2/2021

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Professional Make-up Techniques
Session: 2020-21
Bachelor of Cosmetic Technology Semester VI

Syllabus:

Theory: 15 hours

- Introduction to Makeup
- Types of Makeup
- Corrective Makeup
- Makeup Tools and accessories
- Colour Theory
- Brush types and uses
- Makeup products
- Concealing
- Face-Foundation and powdering
- Lips
- Eye makeup
- Bridal makeup
- Airbrush makeup
- Fashion makeup
- Specialized makeup

Practical:

- Bridal makeup — 5 hour
- HD/3D Makeup — 5 hour
- Airbrush Makeup — 5 hour

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Kamla Nehru Mahavidyalaya.
Sakkardara Square, Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Professional Make-up Techniques
Session: 2020-21
Bachelor of Cosmetic Technology Semester VI
Time Table
Date: 10-02-2021 to 28-02-2021

Theory: 15 hours

Sr. No.	Day	Time	Teacher
1.	Monday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
2.	Tuesday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
3.	Wednesday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
4.	Thursday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
5.	Friday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
6.	Saturday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
7.	Monday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
8.	Tuesday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
9.	Wednesday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
10.	Thursday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
11.	Friday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
12.	Saturday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
13.	Monday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
14.	Tuesday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye
15.	Wednesday	3:00pm to 5:00pm	Ms.Ruchira M.Gajbhiye

Practical: 15 hours

Sr. No.	Subject	Hours	Teacher
1.	Bridal makeup	5 Hours	Ms.Ruchira M.Gajbhiye
2.	HD/3D Makeup	5 Hours	Ms.Ruchira M.Gajbhiye
3.	Airbrush Makeup	5 Hours	Ms.Ruchira M.Gajbhiye

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Professional Make-up Techniques
Session: 2020-21
Bachelor of Cosmetic Technology Semester VI
Attendance of Course

Sr. No.	Name of Student	Attendance Date (10-02-2021 to 28-02-2021)														
		10	11	12	14	15	16	17	18	21	22	23	24	25	26	28
1.	Aachal A.Modak	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
2.	Abhinav S. Bahadure	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	Aditi P.Dhande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Aishwarya U.Vinchurkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Anjali P. Baksare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	Apeksha R. Meshram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	Apurva A. Bangale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	Atul P.Lokhande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	Bhawana V. Beni	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	Damini A. Mohurle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Dikshita A. Kelwadkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	Gunjan A. Goswami	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	Kalyani D. Padole	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	Kalyani S. Bhusari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	Madhura S. Bangre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	Mansi S. Deshmukh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	Monika D. Kene	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Mrunali D. Bhendarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	Mrunali M. Palandurkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	Namisha Y. Sathawane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	Nikita S. Kurzekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	Pooja R. Thakre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	Prachi P. Gathade	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
24.	Pragati D. Gondane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	Priyanka V. Naranaware	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	Rajat R. Nimje	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	Rajeshree D. Dekate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	Ritika P. Beni	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29.	Rupal D. Pardhi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	Sahil R. Pawar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31.	Sanjivani C. Titarmare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
32.	Sanskruti S. Nimje	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33.	Seemab R. Sheikh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34.	Shamlee G. Nagulkar	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
35.	Shreya N. Mahatme	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36.	Shubham G. Meshram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37.	Snehal S. Moundekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38.	Tejasvini V. Choudhary	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39.	Unnati C. Titarmare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40.	Vaishnavi R. Magar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41.	Vishakha V. Parate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42.	Yamina D. Supare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43.	Yashashri V. Tarone	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44.	Disha Sugandh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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This is to certify that Ms. Damini A. Mohurle of Kamla Nehru Mahavidyalya, has Satisfactorily completed "Value added Course on Professional Make-up Techniques" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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This is to certify that Ms. Aishwarya U. Vinchurkar of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Professional Make-up Techniques" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

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MLC & Secretary,
Amar Sewa Mandal,
Nagpur

Dr. Smeeta Wanjarri
Treasurer,
Amar Sewa Mandal,
Nagpur

Dr. Dilip Badwaik
Principal,
Kamla Nehru Mahavidyalaya,
Nagpur

Dr. Ketki Misar
Course Co-ordinator,
Kamla Nehru Mahavidyalaya,
Nagpur

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This is to certify that Ms. Ritika P.Beni of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Professional Make-up Techniques" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

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MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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This is to certify that Mr. Shubham G. Meshram of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Professional Make-up Techniques" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

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This is to certify that Ms. Aditi P. Dhande of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Professional Make-up Techniques" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri
MLC & Secretary,
Amar Sewa Mandal,
Nagpur

Dr. Smeeta Wanjarri
Treasurer,
Amar Sewa Mandal,
Nagpur

Dr. Dilip Badwaik
Principal,
Kamla Nehru Mahavidyalaya,
Nagpur

Dr. Ketki Misar
Course Co-ordinator,
Kamla Nehru Mahavidyalaya,
Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Professional Make-up Techniques
Session: 2020-21
Bachelor of Cosmetic Technology Semester VI

Aim and Objective:

1. To make students aware about the Value added course on Professional Make-up Techniques and its application .
2. To make students aware aboutProfessional Make-up Techniques.
3. To make students aware about need of Professional Make-up.

About the Course:

Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya conducted Value Added Course on Professional Make-up Techniques for the students of Bachelor of Cosmetic Technology Semester – VI from 10-02-2021 to 28-02-2021. Under this course student got knowledge about the professional make–up techniques. In this course, students were taught basics of the all the theory and practical about make-up. Students were guided about the future scope of Value Added Course on Professional Make-up Techniques.

Outcome of the Course:

1. Students became aware about the Value added course on Professional Make-up Techniquesand its curriculum.
2. Students became aware about Professional Make-up Techniques.
3. Students became aware about need of Professional Make-up Techniques.

Number of Beneficiaries–44

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Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

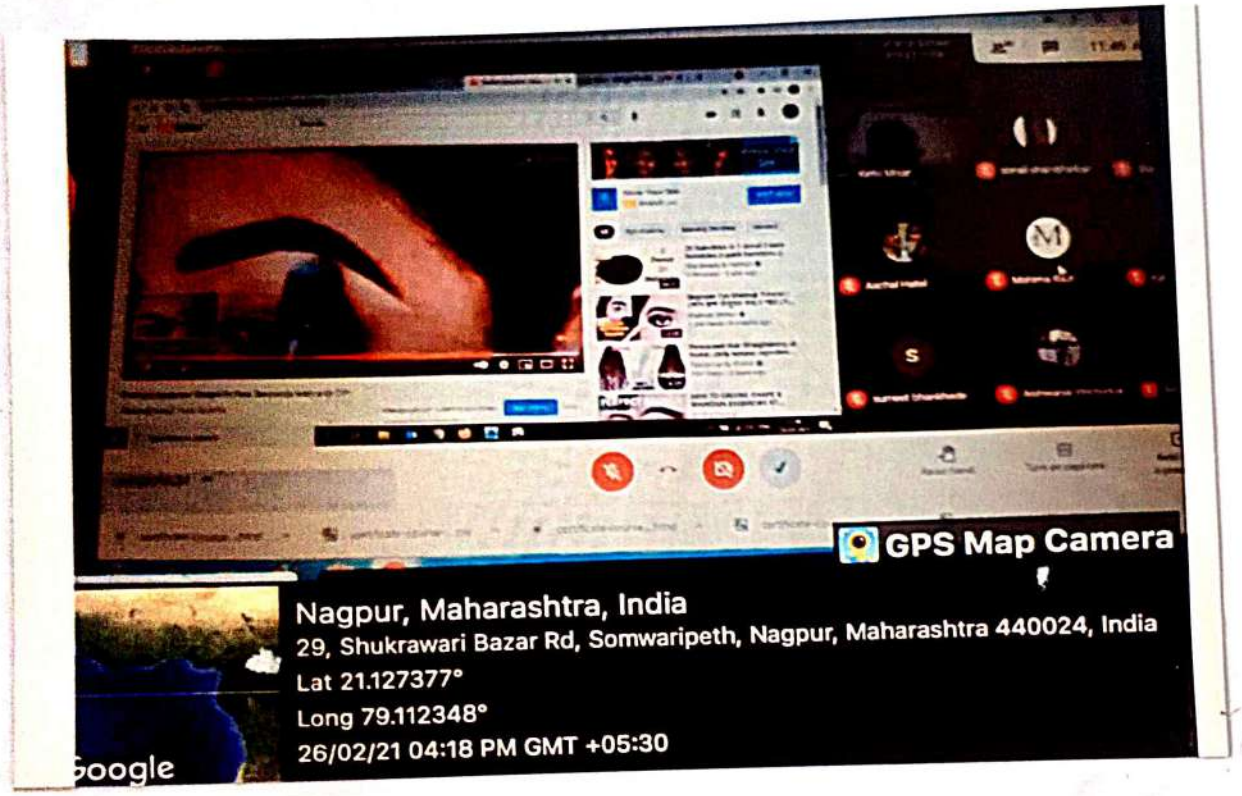
Department of Cosmetic Technology

Value Added Course on Professional Make-up Techniques

Session: 2020-21

Bachelor of Cosmetic Technology Semester VI

10-02-2021 to 28-02-2021



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Session 2020-2021

Organizing

Value Added Course (30 Hrs) and Certificate Course (58 Hrs)

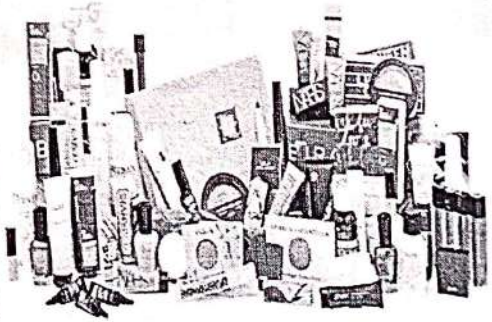
Course Highlights

❖ *Value Added Courses (Date: 10/02/2021 to 28/02/2021)*

1. *Skin Care (For BCT Semester II)*
2. *Hand and Feet Care (For BCT Semester IV)*
3. *Professional Makeup Techniques (For BCT Semester VI)*
4. *Personality Development (For BCT Semester VIII)*
5. *Effective Writing (For MCT Semester II)*
6. *Entrepreneurship Skill Development (For MCT Semester IV)*

❖ *Certificate Course (Date: 08/03/2021 to 31/03/2021)*

1. *Beautification (For BCT Semester V)*



For Admission Contact
Dr. Ketki Misar,
Head Department of Cosmetic Technology,
9822810291

Patrons

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Sewa Mandal, Nagpur

Hon'ble Adv. Abhijit Wanjarri
MLC and Secretary , Amar Sewa Mandal, Nagpur

Hon'ble Dr. Smeetaa Wanjarri
Treasurer, Amar Sewa Mandal, Nagpur

Organizer
Dr. Dilip Badwaik
Principal

01-02-2021

To,
The Principal,
Kamla Nehru Mahavidyalaya,
Sakkardara,Nagpur

Subject:- Permission for conducting Value Added Course on "Personality Development" for BCT Semester VIII (Session 2020-21)

Respected Sir,

Department of Cosmetic Technology, request you to give permission for conducting Vale Added Course on "Personality Development" for the students of BCT Semester-VIII for the session 2020-21 from 10-02-2021 to 28-02-2021 (30 hours).

So, kindly give permission.

Thanking you

Yours sincerely,

Dr. Ketki S. Misar
H. O. D.
Cosmetic Technolog
Kamla Nehru Mahavidyalay
Sakkardara Square, Nagpur

Permitted
1/2/2021
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Square, Nagpur.

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Personality Development
Session: 2020-21
Bachelor of Cosmetic Technology Semester VIII

Syllabus:

Theory: 15 hours

- Communication Skills
- Stress Management
- Time management
- Listening ability
- Decision Making
- Problem solving
- Goal setting
- Attitude and motivation
- Self awareness
- Empathy
- Body language
- Confidence building
- Interpersonal skills
- Resilience
- Adaptability

Practical:

- Public speaking/Group Discussion — 5 hour
- Meditation — 5 hour
- Body language/ mock interviews — 5 hour

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Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Personality Development
Session: 2020-21
Bachelor of Cosmetic Technology Semester VIII
Time Table
Date: 10-02-2021 to 28-02-2021

Theory: 15 hours

Sr. No.	Day	Time	Teacher
1.	Monday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
2.	Tuesday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
3.	Wednesday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
4.	Thursday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
5.	Friday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
6.	Saturday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
7.	Monday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
8.	Tuesday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
9.	Wednesday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
10.	Thursday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
11.	Friday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
12.	Saturday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
13.	Monday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
14.	Tuesday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape
15.	Wednesday	3:00pm to 5:00pm	Mrs.Avanti A. Paranjape

Practical: 15 hours

Sr. No.	Subject	Hours	Teacher
1.	Public speaking/Group Discussion	5 Hours	Mrs.Avanti A. Paranjape
2.	Meditation	5 Hours	Mrs.Avanti A. Paranjape
3.	Body language/ Mock interviews	5 Hours	Mrs.Avanti A. Paranjape

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Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Personality Development
Session: 2020-21
Bachelor of Cosmetic Technology Semester VIII
Attendance of Course
Date: 10-02-2021 to 28-02-2021

Sr. No.	Name of Student	Attendance Date (10-02-2021 to 28-02-2021)														
		10	11	12	14	15	16	17	18	21	22	23	24	25	26	28
1.	Aishwarya S. Darve	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
2.	Akansksha J. Gupta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	Akshita M. Bhujade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Anjalee L. Gupta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Anjali D. Moon	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	Ashwini V. Manapure	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	Deepti A. Burde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	Dhanishtha D. Kale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	Dhanshri A. Gharpande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	Falguni P. Dandekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Gayatri S. Mandale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	Khushbu N. Moundekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	Komal V. Hedau	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	Kunal B. Wankhede	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	Neha B. Kawalkar	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
16.	Nishodh D. Mahajan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	Papiha S. Khandekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Pratiksha G. Khekade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
19.	Pravartika R. Ganvir	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
20.	Roshni R. Bhandakkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	Sakshi C. Barapatre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	Sakshi R. Akre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	Shefali J. Ankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	Shrikant G. Thakre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	Shrutika D. Laxane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	Vaishnavi C. Khadse	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	Vaishnavi D. Kale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	Vaishnavi M. Waghmare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29.	Vaishnavi P. Buradkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	Yashshree S. Mahakalkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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This is to certify that Ms. Aishwarya S. Darve of Kamla Nehru Mahavidyalya, has Satisfactorily completed "Value added Course on Personality Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

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This is to certify that Ms. Akanksha J. Gupta of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Personality Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

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This is to certify that Ms. Akshita M. Bhujade of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Personality Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

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This is to certify that Mr. Nishodh D. Mahajan of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Personality Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

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Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

(Re-accredited by NAAC with A+ Grade with CGPA 3.53)

Department of Cosmetic Technology

WANJARRI GROUP
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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Anjalee L. Gupta of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Personality Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Personality Development
Session: 2020-21
Bachelor of Cosmetic Technology Semester VIII

Aim and Objective:

1. To make students aware about the Value added course on Personality Development.
2. To make students aware about importance of Personality Development.
3. To make students aware about communication skills, stress management, time management and other beneficial aspects of Personality Development.

About the Course:

Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya conducted Value Added Course on Personality Development for the students of Bachelor of Cosmetic Technology Semester – VIII from 10-02-2021 to 28-02-2021. Under this course students got knowledge about the importance of Personality Development. In this course, students were taught about communication skills, stress management time management and other beneficial aspects. Students were guided about the future scope of Value Added Course onPersonality Development.

Outcome of the Course:

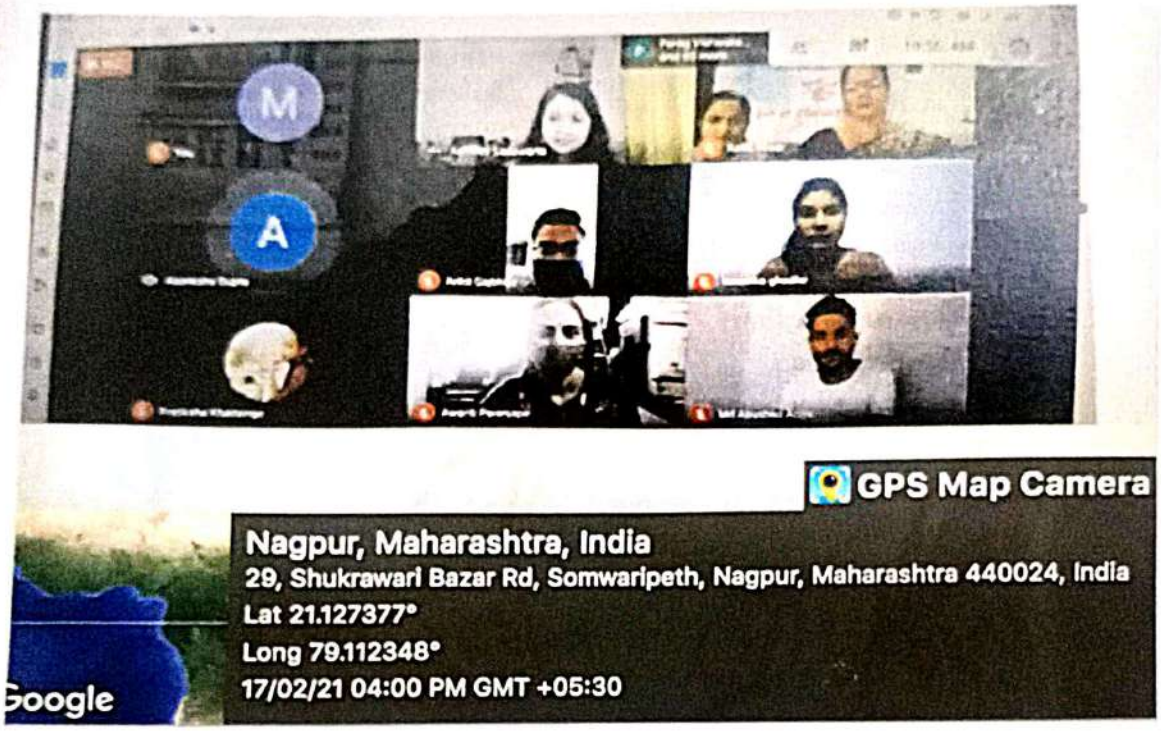
1. Students became aware about the Value added course on Personality Development.
2. Students became aware about importance of Personality Development.
3. Students became aware about communication skills, stress management time management and other beneficial aspects of Personality Development.

Number of Beneficiaries–30

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Personality Development
Session: 2020-21
Bachelor of Cosmetic Technology Semester VIII
Date: 10-02-2021 to 28-02-2021



H. O. D.
Cosmetic Technology

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(NAAC Re-accredited with A+ grade –CGPA 3.53)

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Department of Cosmetic Technology

Session 2020-2021

Organizing

Value Added Course (30 Hrs) and Certificate Course (58 Hrs)

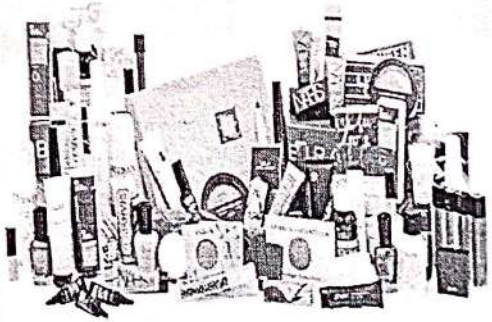
Course Highlights

❖ *Value Added Courses (Date: 10/02/2021 to 28/02/2021)*

1. *Skin Care (For BCT Semester II)*
2. *Hand and Feet Care (For BCT Semester IV)*
3. *Professional Makeup Techniques (For BCT Semester VI)*
4. *Personality Development (For BCT Semester VIII)*
5. *Effective Writing (For MCT Semester II)*
6. *Entrepreneurship Skill Development (For MCT Semester IV)*

❖ *Certificate Course (Date: 08/03/2021 to 31/03/2021)*

1. *Beautification (For BCT Semester V)*



For Admission Contact
Dr. Ketki Misar,
Head Department of Cosmetic Technology,
9822810291

Patrons

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Sewa Mandal, Nagpur

Hon'ble Adv. Abhijit Wanjarri
MLC and Secretary , Amar Sewa Mandal, Nagpur

Hon'ble Dr. Smeetaa Wanjarri
Treasurer, Amar Sewa Mandal, Nagpur

Organizer
Dr. Dilip Badwaik
Principal

01-02-2021

To,
The Principal,
Kamla Nehru Mahavidyalaya,
Sakkardara,Nagpur

Subject:- Permission for conducting Value Added Course on "Effective Writing" for MCT Semester II (Session 2020-21)

Respected Sir,

Department of Cosmetic Technology, request you to give permission for conducting Vale Added Course on "Effective Writing" for the students of MCT Semester-II for the session 2020-21 from 10-02-2021 to 28-02-2021 (30 hours).

So, kindly give permission.

Thanking you

Yours sincerely,

Dr. Ketki S. Misar
H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya
Sakkardara Square, Nagpur

Permitted
1/2/2021
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Effective Writing
Session: 2020-21
Master of Cosmetic Technology Semester II

Syllabus:

Theory: 15 hours

- Introduction to Effective Writing
- Principles of Effective Writing
- Types and Stages of Effective Writing
- Notions of Correctness and Appropriateness
- Essay Writing
- Types of Essays
- Essentials of Academic Writing,
- Business Writing and its Functions
- Mechanics of Business Writing
- Business Letters and Memos
- Format of Business Letters and Memos
- Types of Business Letter
- Sales, Complaint and Adjustment Letters
- Report Writing
- Style of Report Writing

Practical:

- Essay Writing — 5 hour
- Business Letters Writing — 5 hour
- Report Writing — 5 hour

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Cosmetic Technology
Kamla Nehru Mahavidyalaya

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Effective Writing
Session: 2020-21
Master of Cosmetic Technology Semester II
Time Table
Date: 10-02-2021 to 28-02-2021

Theory: 15 hours

Sr. No.	Day	Time	Teacher
1.	Monday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
2.	Tuesday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
3.	Wednesday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
4.	Thursday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
5.	Friday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
6.	Saturday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
7.	Monday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
8.	Tuesday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
9.	Wednesday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
10.	Thursday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
11.	Friday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
12.	Saturday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
13.	Monday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
14.	Tuesday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade
15.	Wednesday	3:00pm to 5:00pm	Ms. Manjusha H. Taywade

Practical: 15 hours

Sr. No.	Subject	Hours	Teacher
1.	Essay Writing	5 Hours	Ms. Manjusha H. Taywade
2.	Business Letters Writing	5 Hours	Ms. Manjusha H. Taywade
3.	Report Writing	5 Hours	Ms. Manjusha H. Taywade

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Effective Writing
Session: 2020-21
Master of Cosmetic Technology Semester II
Attendance of Course

Sr. No.	Name of Student	Attendance of Course (10-02-2021 to 28-02-2021)														
		10	11	12	14	15	16	17	18	21	22	23	24	25	26	28
1.	Aachal V.Hatel	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
2.	Ankit S.Gajbhiye	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	Kajal R.Bardikar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Mahima R. Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Mona P. Wankhede	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	Prajakta D. Thikare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	Pranjal S. Selokar	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
8.	Pratiksha B. Marwadkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	Pratiksha K. Meshram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	Priya D. Gujar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Ruchira M. Bangalkar	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
12.	Shireen L. Qureshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	Shubham V. Laha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
14.	Sonali K. Shambharkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	Sumeet A. Bhankhede	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

(Re-accredited by NAAC with A+ Grade with CGPA 3.53)

Department of Cosmetic Technology

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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Mahima R. Raut of Kamla Nehru Mahavidyalya, has Satisfactorily completed "Value added Course on Effective Writing" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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Department of Cosmetic Technology

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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Mona P. Wankhede of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Effective Writing" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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This is to certify that Ms. Sonali K. Shambaharkar of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Effective Writing" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

(Re-accredited by NAAC with A+ Grade with CGPA 3.53)

Department of Cosmetic Technology

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CERTIFICATE OF APPRECIATION



This is to certify that Mr. Sumeet A. Bhankhede of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Effective Writing" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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Department of Cosmetic Technology

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This is to certify that Ms. Kajal R. Bardikar of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Effective Writing" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Effective Writing
Session: 2020-21
Master of Cosmetic Technology Semester II

Aim and Objective:

1. To make students aware about the Value added course on Effective Writing and its curriculum.
2. To make students aware about Principles and importance of Effective Writing.
3. To make students aware about Report Writing, Style of Report Writing and its need in academics and business.

About the Course: Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya conducted Value Added Course on Effective Writing. for the students of Master of Cosmetic Technology Semester–II from 10-02-2021 to 28-02-2021. Under this Course students got knowledge about Effective Writing and its importance in carrier growth. In this course, students were taught basics of all the theory and practical about essentials of academic writing and business writing. Students were guided about the future scope of value added course on effective writing.

Outcome of the Course:

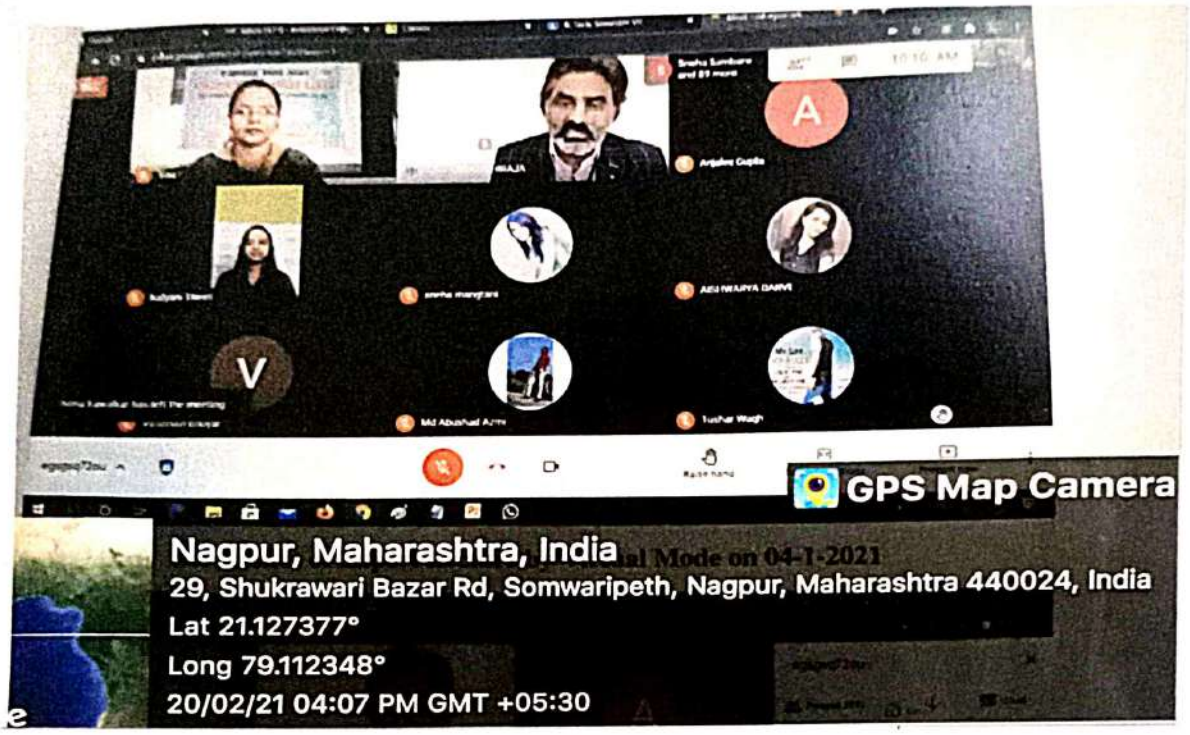
1. Students became aware about the Value added course on Effective Writing and its curriculum.
2. Students became aware about Principles and importance of Effective Writing.
3. Students became aware about Report Writing, Style of Report Writing and its need in academics and business.

Number of Beneficiaries – 15

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Effective Writing
Session: 2020-21
Master of Cosmetic Technology Semester II
Date: 10-02-2021 to 28-02-2021



H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

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Department of Cosmetic Technology

Session 2020-2021

Organizing

Value Added Course (30 Hrs) and Certificate Course (58 Hrs)

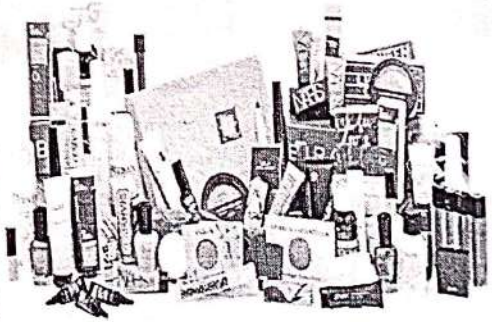
Course Highlights

❖ *Value Added Courses (Date: 10/02/2021 to 28/02/2021)*

1. *Skin Care (For BCT Semester II)*
2. *Hand and Feet Care (For BCT Semester IV)*
3. *Professional Makeup Techniques (For BCT Semester VI)*
4. *Personality Development (For BCT Semester VIII)*
5. *Effective Writing (For MCT Semester II)*
6. *Entrepreneurship Skill Development (For MCT Semester IV)*

❖ *Certificate Course (Date: 08/03/2021 to 31/03/2021)*

1. *Beautification (For BCT Semester V)*



For Admission Contact
Dr. Ketki Misar,
Head Department of Cosmetic Technology,
9822810291

Patrons

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Sewa Mandal, Nagpur

Hon'ble Adv. Abhijit Wanjarri
MLC and Secretary , Amar Sewa Mandal, Nagpur

Hon'ble Dr. Smeetaa Wanjarri
Treasurer, Amar Sewa Mandal, Nagpur

Organizer
Dr. Dilip Badwaik
Principal

To,
The Principal,
Kamla Nehru Mahavidyalaya,
Sakkardara, Nagpur

01-02-2021

Subject:- Permission for conducting Value Added Course on "Entrepreneurship Skill Development" for MCT Semester IV (Session 2020-21)

Respected Sir,

Department of Cosmetic Technology, request you to give permission for conducting Vale Added Course on "Entrepreneurship Skill Development" for the students of MCT Semester-IV for the session 2020-21 from 10-02-2021 to 28-02-2021 (30 hours).

So, kindly give permission.

Thanking you

Yours sincerely,

Dr. Ketki S. Misar
H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya
Sakkardara Square, Nagpur.

Permitted
1/2/2021
Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Entrepreneurship Skill Development
Session: 2020-21
Master of Cosmetic Technology Semester IV

Syllabus:

Theory: 15 hours

- Theories of entrepreneurship
- Dimensions of entrepreneurship
- Socio-economic environment and entrepreneur
- Emerging trends and social entrepreneurship
- External environmental forces, economic, social, technological and competitive factors, establishment of a new unit
- Innovation and entrepreneurship
- Entrepreneurial behavior and social responsibility
- Entrepreneurial development program relevance and achievements
- Role of government
- Small business management
- Business communication and ethics in business
- Marketing support for entrepreneurs
- Role of e-commerce in business
- Business opportunities and start-up policy
- Entrepreneurial motivation

Practical:

• Emerging Trends in Entrepreneurship Development	5 hour
• Market Survey	5 hour
• Project Work	5 hour

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya.

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Entrepreneurship Skill Development
Session: 2020-21
Master of Cosmetic Technology - Semester IV
Time Table
(10-02-2022 to 28-02-2021)

Theory: 15 hours

Sr. No.	Day	Time	Teacher
1.	Monday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
2.	Tuesday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
3.	Wednesday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
4.	Thursday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
5.	Friday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
6.	Saturday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
7.	Monday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
8.	Tuesday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
9.	Wednesday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
10.	Thursday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
11.	Friday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
12.	Saturday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
13.	Monday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
14.	Tuesday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde
15.	Wednesday	3:00pm to 5:00pm	Ms. Minakashi P.Bokde

Practical: 15 hours

Sr. No.	Subject	Hours	Teacher
1.	Emerging Trends in Entrepreneurship Development	5 Hours	Ms. Minakashi P.Bokde
2.	Market Survey	5 Hours	Ms. Minakashi P.Bokde
3.	Project Work	5 Hours	Ms. Minakashi P.Bokde

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Entrepreneurship Skill Development
Session: 2020-21
Master of Cosmetic Technology Semester IV
Attendance of Course

Sr. No.	Name of Student	Attendance of Course (10-02-21 to 28-02-21)														
		10	11	12	14	15	16	17	18	21	22	23	24	25	26	28
1.	Ms.Aboli Bulbule	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	Ms.Dhanashree Nimje	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
3.	Ms.Harshada Nimje	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	Ms.Renuka Jangade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Ms.Rashi Rawtal	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
6.	Ms.Sneha Mangtani	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
7.	Ms.Trupti Kapgate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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Department of Cosmetic Technology

WANJARRI GROUP
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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Aboli Bulbule of Kamla Nehru Mahavidyalya, has Satisfactorily completed "Value added Course on Entrepreneurship Skill Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri
MLC & Secretary,
Amar Sewa Mandal,
Nagpur

Dr. Smeeta Wanjarri
Treasurer,
Amar Sewa Mandal,
Nagpur

Dr. Dilip Badwaik
Principal,
Kamla Nehru Mahavidyalaya,
Nagpur

Dr. Ketki Misar
Course Co-ordinator,
Kamla Nehru Mahavidyalaya,
Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

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Department of Cosmetic Technology

WANJARRI GROUP
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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Harshada Nimje of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Entrepreneurship Skill Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra

(Re-accredited by NAAC with A+ Grade with CGPA 3.53)

Department of Cosmetic Technology

WANJARRI GROUP
excellence education



CERTIFICATE OF APPRECIATION



This is to certify that Ms. Rashi Rawtal of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Entrepreneurship Skill Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Renuka Jangade of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Entrepreneurship Skill Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

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CERTIFICATE OF APPRECIATION



This is to certify that Ms. Trupti Kapgate of Kamla Nehru Mahavidyalya has Satisfactorily completed "Value added Course on Entrepreneurship Skill Development" organized by Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra, from 10-02-2021 to 28-02-2021.

Adv. Abhijit Wanjarri	Dr. Smeeta Wanjarri	Dr. Dilip Badwaik	Dr. Ketki Misar
MLC & Secretary, Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal, Nagpur	Principal, Kamla Nehru Mahavidyalaya, Nagpur	Course Co-ordinator, Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Entrepreneurship Skill Development
Session: 2020-21
Master of Cosmetic Technology Semester IV

Aim and Objective:

1. To make students aware about the Value added course on Entrepreneurship Skill Development.
2. To make students aware aboutSmall business management, importance of Marketing support for entrepreneurs and other dimensions of entrepreneurship.
3. To make students aware about Business opportunities and Start-up policy.

About the Course:

Department of Cosmetic Technology, Kamla Nehru Mahavidyalaya conducted Value Added Course on Entrepreneurship Skill Development of Master of Cosmetic Technology Semester-IV from 10-02-2021 to 28-02-2021. Under this course students got knowledge about the small business management. In this course, students were taught about emerging trends and social entrepreneurship, external environmental forces, economic, social, technological and competitive factors responsible for entrepreneurship development. Students were guided about the future scope of Value Added Course on Entrepreneurship Skill Development.

Outcome of the Course:

1. Students became aware about the Value added course on Entrepreneurship Skill Development.
2. Students became aware about Small business management, importance of Marketing support for entrepreneurs and other dimensions of entrepreneurship.
3. Students became aware about Business opportunities and Start-up policy.

Number of Beneficiaries–07

H. O. D.
Cosmetic Technology
Kamla Nehru Mahavidyalaya

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Cosmetic Technology
Value Added Course on Entrepreneurship Skill Development
Session: 2020-21
Master of Cosmetic Technology Semester IV
10-02-2020 to 28-02-2021



H. O. D.

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Kamla Nehru Mahavidyalaya
Chowk, Nagpur

Wanjan Group of Institutions

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

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Amar Sewa Mandal's

Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)

Date: 01/01/2021 to 05/02/2021

TOPIC: "COMPUTER FUNDAMENTAL AND MULTIMEDIA TECHNIQUES"

Course Co-ordinator: Prof. Vaishali G. Belsare
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons	Patrons	Patrons	Organizer	Head of Dept.
Hon'ble Dr. Suhasini Wanjari President, Amar Sewa Mandal,Nagpur	Hon'ble Adv Abhijit Wanjarri MLC and Secretory, Amar Sewa Mandal Nagpur	Hon'ble Dr. Smeeta Wanjarri Treasurer, Amar Sewa Mandal, Nagpur	Dr. Dilip Badwaik Principal KNM, Nagpur	Dr. P. K. Butey Dept. of Computer Science KNM, Nagpur

To
The Principal
Kamla Nehru Mahavidyalaya,
Sakkardara, Nagpur.

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic **"Computer Fundamental and Multimedia Techniques",** for this session 2020-2021 for all the students of **BCA-I** course. The course will start from date **01/01/2021 to 05/02/2021** and will be run for the **30 Hrs,** including theory and Practical sessions.

So, please allow us to start the value added course from above said date. This is for your kind information and permission.

Thank you.

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Sakkardara Chowk, Nagpur.

Syllabus of Value Added Course

on

"Computer Fundamental and Multimedia Techniques"

UNIT-I: Google Drive. Google Forms, Google Docs

Working with Google Drive: Sign-In, How to manage data in Google drive

Working with Google Forms: creating Google Forms, accessing Google forms, sharing and view responses in Google forms

Working with Google Docs: Work with documents, basic formatting, advanced formatting, use doc in Google classroom

UNIT-II: Ethics in Information Technology

An overview of Ethics: Ethics in business world, Ethics in IT, Ethics for IT professionals and IT users, Ethical behavior, the impact of IT on the standard of Living and productivity.

Computer and Internet Crime: IT security incidents: Increasing Complexity Increases Vulnerability, Higher Computer user Expectations, Expanding and changing systems.

UNIT-III: Multimedia

Define multimedia; discuss the effects of multimedia in your daily life, Identify five multimedia components, analog and digital conversion process, Classify multimedia software based on its function

UNIT-IV: Multimedia data acquisition and processing

Representation of an Image, Capturing a moving image with camera, Compression of video data, MPEG Compression standard, Acquiring and storing audio signals, Compression of audio signals, Audio signal processing, speech processing

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Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-2021

TEACHING PLAN FOR VALUE ADDED COURSE

ON

"COMPUTER FUNDAMENTAL AND MULTIMEDIA TECHNIQUES"

FOR BCA I

Date: From Day 1 to Day 15 (01-01-2021 to 05-02-2021)

Theory Timing (8:00 a.m to 09:00 a.m) & Practical Timing (9:00 a.m to 10:30 a.m)

Sr. No.	Date	Time (Theory & Practical)	Topic /Sub Topics	Duration
1	Day-1	*8:00 a.m. to 10:30 a.m.*	**Working with Google Drive:** Sign-In, How to manage data in Google drive	**2 Hrs**
2	Day-2	*8:00 a.m. to 10:30 a.m.*	**Working with Google Forms:** creating Google Forms, accessing Google forms, sharing and view responses in Google forms	**2 Hrs**
3	Day-3	*8:00 a.m. to 10:30 a.m.*	**An overview of Ethics:** Ethics in business world, Ethics in IT	**2 Hrs**
4	Day-4	*8:00 a.m. to 10:30 a.m.*	Ethics for IT professionals and IT users, Ethical behavior	**2 Hrs**
5	Day-5	*8:00 a.m. to 10:30 a.m.*	analog and digital conversion process	**2 Hrs**

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6	Day-6	*8:00 a.m. to 10:30 a.m.*	Classify multimedia software based on its function	**2 Hrs**
7	Day-7	*8:00 a.m. to 10:30 a.m.*	advanced formatting, use doc in Google classroom	**2 Hrs**
8	Day-8	*8:00 a.m. to 10:30 a.m.*	**Working with Google Docs:** Work with documents, basic formatting	**2 Hrs**
9	Day-9	*8:00 a.m. to 10:30 a.m.*	**Computer and Internet Crime:** IT security incidents: Increasing Complexity Increases Vulnerability	**2 Hrs**
10	Day-10	*8:00 a.m. to 10:30 a.m.*	MPEG Compression standard, Acquiring and storing audio signals	**2 Hrs**
11	Day-11	*8:00 a.m. to 10:30 a.m.*	Identify five multimedia components	**2 Hrs**
12	Day-12	*8:00 a.m. to 10:30 a.m.*	Define multimedia; discuss the effects of multimedia in your daily life	**2 Hrs**
13	Day-13	*8:00 a.m. to 10:30 a.m.*	the impact of IT on the standard of Living and productivity.	**2 Hrs**
14	Day-14	*8:00 a.m. to 10:30 a.m.*	Compression of audio signals, Audio signal processing	**2 Hrs**
15	Day-15	*8:00 a.m. to 10:30 a.m.*	speech processing	**2 Hrs**
Total Theory and Practical's :			**30 Hrs**	

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Sakkardara Chowk, Nagpur.

NAME OF THE COLLEGE : Kamla Nehru Mahavidyalaya, Nagpur

NAME OF COURSE - Value Added Course on " Computer Fundamental and Multimedia Techniques"

SESSION YEAR - 2020-2021

BCA I STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
1	AACHAL NARESH SHENDE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
2	AAMIR EMAM SHEIKH	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
3	AANCHAL CHANDRAKANT TIWARI	P	A	P	P	P	P	A	P	P	P	P	P		P	P
4	AASHIYA AMREEN YUSUF ALI	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P
5	ABHAY VINOD PATIL	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
6	ABHINAY ASHIRWAD RAMTEKE	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
7	ABOLI SATISH SONTAKKE	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
8	ADESH NARESH AUNDHEKAR	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
9	ADITI MADHAVRAO DHUMKEKAR	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
10	ADITI UDAYRAO DAYARE	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
11	ADITYA RAJESHRAO BOBADE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
12	ADITYA BHASHKAR GHUMDE	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
13	ADITYA GAJANAN TALE	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
14	AISHWARYA SANTOSH NAGDEVTE	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
15	AJINKYA VIJAY DHOMNE	A	P	P	P	P	A	P	P	P	P	A	P	P	P	A
16	AKANKSHA CHANDRAKANT DHOMNE	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P

PRINCIPAL

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
17	AKANSHA KISHOR MESHRAM	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
18	AKASH CHANDRASHEKHAR PATIL	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
19	AMAN MURLIDHAR BALVIR	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
20	AMEY ANIL KHONDEKAR	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
21	AMISH ANIL TEMBHURNE	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
22	AMISHA SHARAD PATIL	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
23	ANCHAL VINOD WANKHEDE	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
24	ANIKET ANIL MESHRAM	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P
25	ANJALI KAILASH BOKDE	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
26	ANKIT ARVIND NAWGHADE	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P
27	ANKIT KESHAVRAO DHAGE	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P
28	ANKIT SUDHAKAR CHANEKAR	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
29	ANKITA ARVIND WANDHARE	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
30	ANKUSH KRISHNA BALBUDHE	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
31	ANUSHKA SANTOSH SHINDE	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
32	ARPITA RAMESH WANDHARE	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
33	ARYA SURESH ZODE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
34	ARYAN PRADEEP KAMBLE	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
35	ASAWARI ARVIND KALE	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
36	ASHWINI BHOLA VAIDYA	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
37	ASMITA SHADANAN GHUSE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P

PRINCIPAL
Kamla

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
38	ATHARVA ARUN DHOMNE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
39	AYUSH PRAMOD TALGHARE	P	P	P	A	P	P	P	P	P	P	A	P	A	P	P
40	BHAGYASHRI RAMCHANDRA NAKHATE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	BHAGYASHRI SHIVSHANKAR GHATARE	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P
42	BHAVESH ARVIND TIMANDE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
43	BHAVESH SACHIN TEMBURKAR	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
44	BHUPESH SANJAY PARMAL	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
45	CHAITANYA ASHOK BALASKAR	A	P	P	P	P	P	P	P	A	P	P	P	P	A	P
46	CHETAN GANGADHAR WARKHADE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
47	DEVENDRA NITIN TOONGAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
48	DHANANJAY ARJUN YADAV	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
49	DHYANESHWAR RAMDHAN RANE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
50	DIKSHA DINESHWAR PATLE	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P
51	DIMPAL SURESH SURPAM	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P
52	DIVYA MANGAL NAIK	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
53	DIVYA MUKESH CHAUDHARI	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
54	DURGESH KISHOR BULKUNDE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
55	FIRDOS JAKIR SHEIKH	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
56	GAURAV AJAY KUDE	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
57	GAURAV RAJU TIMANDE	P	P	P	P	P	P	P	A	P	P	P		P	P	P
58	GAURI HEMANT NAGARKAR	P	A	P	P	P	P	P	P	A	P	A	P	P	P	P

Kamla Nehru Mahavidyalaya,

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
59	GAYATRI DEEPAK SUPSANDE	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
60	GAYATRI SHRIKANT GANORKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	GULNAJAARA RAFIKKHAN PATHAN	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
62	GULSHAN VILAS GHUMDE	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
63	HARSH RAJESH SHELKE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
64	HARSH YOGESH WAGHMARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	HARSHA RAMESH LANJEWAR	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
66	HITISHA SATISH SOYAM	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P
67	HRUTTIK PRASHANT DHOMNE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
68	JAY NAMDEO HAJARE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
69	JAYSHRI DINESH AKOTKAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
70	JIDNYASA VIRENDRA PATIL	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	JITESH SURESH NEWARE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
72	KAJAL RAJKUMAR WARADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73	KALYANI DILIP SAWARKAR	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
74	KARTIK BANDU TOHOKAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
75	KARTIK PRAMOD VERULKAR	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
76	KETAN VINAYAK NAGPURE	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
77	KETKI RAVI SAKHARKAR	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
78	KHUSHI MADHAV CHUTE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A
79	KHUSHI AKASHKUMAR MAKHIJA	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P

PRINCIPAL
Kamla Nehru Mahavidyalaya,

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
80	KHUSHI SUNIL RAUT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
81	KRUTIKA KRUSHNA WARKARI	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
82	KULDEEP SHRIDHAR DOHALE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
83	LIMAY ASHOK MARGANWAR	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
84	LOKESH NAMDEORAO GAURKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
85	MAYUR SURENDRAJI BHABARE	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
86	MEGHA REKHLAL BISEN	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
87	MILIND SHEKHAR PAUNIKAR	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
88	MINAL SHARADRAO AHIRKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
89	MOHIT RAJU JADHAV	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
90	MONALI RAMESHRAO DESHMUKH	P	A	P	P	P	A	P	P	P	P	P	P	P	P	A
91	MRUNALI KISHOR SUPARE	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
92	NATASHA RAMAJI BORKAR	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
93	NAYAN PRAVIN PACHANGE	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
94	NIKHIL KRISHNA MESHRAM	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
95	NINAD KESHAV CHUTKE	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
96	NISHANT MADHUKAR BORKAR	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P
97	NISHANT MAITAB NAIKWAR	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
98	NISIMA AVINASH GADHAVE	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
99	OJAS RATNAKAR GURAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
100	PALLAVI GAJENDRA LANJEWAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
101	PAYAL ASHOK KAHATE	P	P	P	A	P	P	P	P	P	P	P	A	P	P	A

PRINCIPAL
Kamla Nehru Mahavidyalaya,

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
102	PIYUSH SHANKARRAO CHAKOLE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
103	PORNIMA RAJESH JOSHI	P	P	P	A	P	P	P	P	P	P	P	A	P	A	P
104	PRACHI LILADHAR BOBADE	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
105	PRAJWAL GANESH DHARMIK	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
106	PRAJWAL RAMESH BOBADE	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P
107	PRAJWAL SHRIKANT WASNIK	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
108	PRAJWAL VINOD KAMBLE	A	P	P	P	P	P	P	P	P	A	P	P	P	P	A
109	PRAJWESH RAHUL WALEKAR	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
110	PRAJYOT ARVIND RANGARI	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
111	PRANALI DAYRILAL PARDHI	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
112	PRANAY DEVENDRA THORAT	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
113	PRANAY GANESH RAUT	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
114	PRANAY PRABHAKAR BANTE	A	P	P	P	A	P	P	P	P	P	A	P	A	P	P
115	PRANAY SIKANDAR LOKHANDE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
116	PRANIT DINESH MESHRAM	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
117	PRANIT SUNILRAO SARODE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
118	PRANJALI GAJANAN PATINGE	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P
119	PRASANNA RAM ZADE	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
120	PRATHMESH SANTOSHRAO NINAWE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
121	PRATIK RAMCHANDRA KHAWASHI	P	P	P	P	P	P	P	P	P	P	P	P	P		P
122	PRATIK UTTAMBAL SAWARKAR	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P

PRINCIPAL
Kamla Nehru Mahavidyalaya

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
123	PRIYANSHU NARESH PAL	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
124	PRIYESH DILIP DHARMIK	P	P	P	P	P	A	P	P	P	A	P	P	P		P
125	RASHI CHARANDAS MESHRAM	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
126	RISAB KUMAR MOHANLAL DUBEY	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
127	RITESH RAJMANI GAUTAM	P	P	P	P	A	P	P	P	P	P	P	P	D	A	P
128	RITESH VIJAY POHANKAR	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
129	RITIK YOGESH AWACHAT	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
130	ROHAN SURESH TARWATKAR	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
131	ROHIT RISHI KANOJIYA	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A
132	RUCHIKA ANAND BHADRE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
133	RUPAL CHANDRAMANI DANGE	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
134	RUSHIKESH SUDESH BAGADE	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
135	RUTIK ANNA PISAL	P	P	P	P	A	P	P	P	P	P	P	A	P		P
136	SAFAL SIDDHARTH BHAGAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
137	SAGAR ANIL SONKUSARE	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
138	SAHIL BUDHRAM KAITHWAS	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
139	SAHIL GUNWANT RAUT	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
140	SAHIL SANDIP KAHATE	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
141	SAHIL YUVRAJ KURUTKAR	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
142	SAKSHI SANJAY HARDE	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P
143	SAKSHI SHAILESH GADPAYLE	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P

PRINCIPAL
Kamla Nehru Mahavidyalay

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
144	SAMEER PURUSHOTTAM SELOKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
145	SAMEER ROSHAN SHAMBHARKAR	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
146	SAMEER SOMESHWAR RANDIVE	A	P	A	P	P	P	P	P	A	P	P	P	P	P	P
147	SAMEER VIJAY HADKE	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
148	SAMPADA CHANDRABHAN BHISE	P	P	P	P	P	P	A	P	P		P	A	P	P	P
149	SAMRUDDHI MAHESH BIRANJAN	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
150	SAMRUDDHI PRASHANT PIMPALKAR	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
151	SAMYAK YADAVRAO SOMKUWAR	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
152	SANIKA DILIP SURYAWANSHI	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
153	SANJANA RAMDAS TANDEKAR	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
154	SANJANA ROMLAL PARATE	A	P	P		P	P	P	P	A	P	P	P	P	P	P
155	SANJAY SHIVSHANKAR SHAHU	P	P	P	P	P	A	P	P	P	P	P	A	P	A	P
156	SANKET GIRDHAR MAKADE	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
157	SANKET MAROTI BAWANE	P	P		P	P	P	P	A	P	P	P	P	P	P	P
158	SAPNA SURESH AMBEKAR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
159	SARVESH SUNILRAO AMBHORE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
160	SAURABH ANILRAO DALVI	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
161	SAURABH VIVEK SHEWALKAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A
162	SAVITA NARAYAN GHUMADE	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P
163	SAYALI MAHESH BOKADE	P	A	P	P	P	P	P		P	P	A	P	P	P	P
164	SEJAL NATTHUJI HIWARKAR	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P

PRINCIPAL
Kamla Nehru Vidyalaya

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
165	SEJAL PRANAY RAHOOD	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
166	SHAKYA SARIPUTTRA NIKHADEY	P	P	A	P	P	P	A	P	A	P	P	P	P	A	P
167	SHAMBHAVI SUDHAKAR HIWASE	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
168	SHANTANU JAGDISH DAWALE	P	A	P	P	P	P	P	P	P	P	P	A	P	A	P
169	SHANTANU NARAYAN GAWAI	P	P	P	P	P	A	P	P	A	A	P	P	P	P	P
170	SHARAYU RAJESH CHAVHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
171	SHIV VIJAY SONWANE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
172	SHIVAM ASHOK MANDAL	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
173	SHIVAM VIJAY GAURKHEDE	P	P	P	P	P	P	A	P	A	P	P	P	A	P	P
174	SHRADDHA KAILASH ZANZAD	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P
175	SHREYA SANJAY SAXENA	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
176	SHREYA SHRAWAN GHARAD	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
177	SHREYASH ANANDRAO BHOYAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
178	SHRUSTY SHASHANK BANNORE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
179	SHRUTANSH SANJAY ADLOK	P	P	P	P	P	P	A	P	P	A	P	P	A	P	P
180	SHRUTI JIWARAJ KUBADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
181	SHRUTI NARESH DHARMARE	P	P	P	A	P	P	P	P	A	P	P	P		P	P
182	SHRUTI RAJENDRA RANGARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
183	SHRUTIKA VIJAYRAO LADHI	P	A	P	P	P	P	P	P	P	A	P	P	P	A	P
184	SHUBHANGI SUBHASH MATE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
185	SHWETA DILIPRAO NIRKULWAR	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P

PRINCIPAL
Kamla Nehru [illegible]

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
186	SHWETA SUNIL PANDEY	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
187	SHWETA SURENDRA POGADE	P	P	P	P	P	P	A	P	P		P	P	P	P	P
188	SNEHAL SANJAYRAO NALHE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
189	SNEHAL SEVAKRAM TAPASE	P		P	A	P	P	A	P	P	P	P	P	P	P	P
190	SRUSHTI VASANT DEKAPURWAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
191	SUMEDH MAHENDRA MOTGHARE	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
192	SUYASH DILIP KHAPRE	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
193	SWAPNIL KAMALAKAR SHEMBEKAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
194	SWAR SUNIL GAJBHIYE	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P
195	TANAYA VILAS HATEKAR	P	P	P	A	P	P	P	P	P		P	P	P	A	P
196	TANIYA SHANKAR NIPANE	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
197	TANMAY MOHAN LANJEWAR	P	A	P	P	P	A	P	P	P	P	P	P	P	A	P
198	TANUSHREE VIJAY PAWAR	P	P	A	P	P	P	P	P	P	A	P	A	P	P	P
199	TANVI JITENDRA LAKHOTE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
200	TEJAS SHIVSHANKAR GIRI	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P
201	TEJASWINI PUSHPENDRA BAIS	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
202	TUSHAR SUBHASHRAO DHOTE	A	P	P	P	P	P	P	P	P	A	P	P	P	P	A
203	UTKARSH SANJAY BODEWAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
204	VAIBHAV KISHOR BORKAR	P	P	P	P	P	P	A	P	A	P	P	P	P	A	P
205	VAIBHAV PRAKASH MITHE	P	P	P	P	P	A	P	P	P	A	P	P	A	P	P
206	VAISHNAVI PURUSHOTTAM SORTE	A	P	P	A	P	P	P	P	P	A	P	P	P	A	P

PRINCIPAL

Sr. No.	Name of Student	02/01/2021	04/01/2021	05/01/2021	06/01/2021	07/01/2021	08/01/2021	09/01/2021	11/01/2021	12/01/2021	13/01/2021	14/01/2021	15/01/2021	18/01/2021	19/01/2021	20/01/2021
207	VEDANT DEWAJI SHELKI	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
208	VIDHAN NATTHUJI BAGDE	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
209	VIDHI RAMESH JAIS	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
210	VIRAJ VILIN KAWALE	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
211	VISHWAJEET VIJAY MESHRAM	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P
212	VIVEK RAMDAS BAITWAR	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
213	VIVEK SUJEET SURYAWANSHI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
214	YASH SHYAMKUMAR KHATRI	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
215	YASH SUBHASH MAJRIKAR	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
216	YASHSHREE MANOHAR BANSOD	P	P	P	A	P	P	P	A	P	A	P	P	P	P	P
217	YOGEETA SANJAY PAUNIKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
218	YOGESH SANTOSH CHOUDHARI	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
219	YOGINI VIJAYRAO JIVTODE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur.

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
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Wanjari Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Aditi Madhavrao Dhumkekar
satisfactory completion of the Computer Fundamental and Multimedia Techniques
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01-01-2021 to 05-02-2021
He/She Passed at the Examination in Grade A+

Vaishali

Prof.Vaishali G.Belsare
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur.

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
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Wanjari Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Asawari Arvind Kale
satisfactory completion of the Computer Fundamental and Multimedia Techniques
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01-01-2021 to 05-02-2021
He/She Passed at the Examination in Grade A+

Vaishali

Prof.Vaishali G.Belsare
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24

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Ranjan Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Rushikesh Sudesh Bagade

satisfactory completion of the Computer Fundamental and Multimedia Techniques

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From 01-01-2021 to 05-02-2021

He/She Passed at the Examination in Grade A+

Vaishali

Prof.Vaishali G.Belsare
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
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Wanjari Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Rashi Charandas Meshram
satisfactory completion of the Computer Fundamental and Multimedia Techniques
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01-01-2021 to 05-02-2021
He/She Passed at the Examination in Grade A+

Vaishali

Prof.Vaishali G.Belsare
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur.

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
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Wanjari Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms *Vaibhav Prakash Mithe*
satisfactory completion of the *Computer Fundamental and Multimedia Techniques*
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From *01-01-2021 to 05-02-2021*
He/She Passed at the Examination in Grade *A+*

Vaishali

Prof.Vaishali G.Belsare
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyala
Sakkardara Chowk, Nagp

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Course on "Computer Fundamental and Multimedia Techniques"

Report
(Session 2020-2021)

Aims:

Aims of a value-added course are to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualify that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/Procedure:

The value added course **"Computer Fundamental and Multimedia Techniques"** was organized by the department of **Computer Science** for **BCA-I** from **01/01/2021 to 05/02/2021**. Students taken actively part in the course of "**Computer Fundamental and Multimedia Techniques**" and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost **219** students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field or interests.
2) Students got specialized knowledge or certifications that make them more attractive to employers or clients.
3) Students got knowledge about the skill development courses.
4) Students can explore to their passions and interests outside of their primary career or educational path.

PRINCIPAL
Kamla Nehru Mahavidyalaya,

Amar Sewa Mandal's

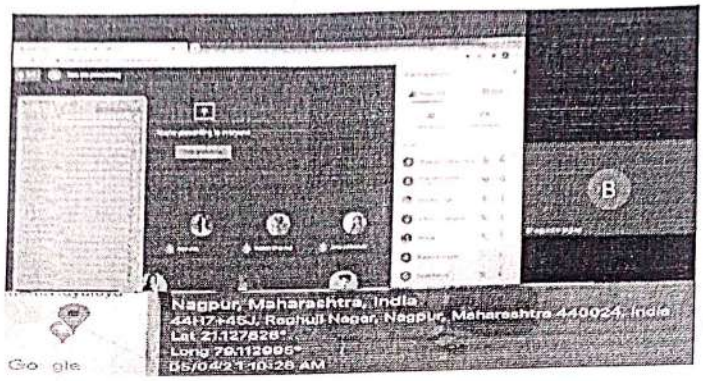
Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Academic Session 2020-2021

Certificate Course on "Computer Fundamental and Multimedia Techniques"



Resource person conducting Session



PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Wanjari Group of Institutions

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

Re-accredited by NAAC with (A+) grade (CGPA 3.53)

Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)
Date: 04/03/2021 to 19/03/2021
TOPIC: "DATA SCIENCE AND NETWORK SECURITY"

Course Co-ordinator: Prof. Swapnali G. Kadao
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons	Patrons	Patrons	Organizer	Head of Dept.
Hon'ble Dr. Suhasini Wanjari President, Amar Sewa Mandal,Nagpur	Hon'ble Adv Abhijit Wanjarri MLC and Secretory, Amar Sewa Mandal Nagpur	Hon'ble Dr. Smeeta Wanjarri Treasurer, Amar Sewa Mandal, Nagpur	Dr. Dilip Badwaik Principal KNM, Nagpur	Dr. P. K. Butey Dept of Computer Scie KNM, Nagpur

To

The Principal

Kamla Nehru Mahavidyalaya,

Sakkardara, Nagpur.

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic "**Data Science and Network Security**", for this session **2020_ 2021** for all the students of **BCA-II** course. The course will start from date **04/03/2021** to **19/03/2021** and will be run for the **30 Hrs.** including theory and Practical sessions.

So, please allow us to start the value added course from above said date. This is for your kind information and permission.

Thank you.

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Syllabus for Value Added course on

"Data Science and Network Security "

UNIT 1: Introduction to Data Mining

Introduction to Data Mining: What is Data Mining? Motivating Challenges, Definitions, Origins of Data Mining, Data Mining Tasks, **Data:** Types of Data- Attributes and Measurement and Types of data sets, Data Quality-Measurement and Data Collection Issues, Issues Related to Applications, Data Preprocessing- Aggregation, Sampling, Dimensionality Reduction, Feature subset selection, Feature creation, Discretization and Binarization, Variable Transformation.

UNIT 2: Introduction to Soft computing

Introduction of soft computing, soft computing vs hard computing. Soft computing techniques. Learning (Supervised & Unsupervised), Artificial Neural Network (ANN): Evolution of, Basic neuron modeling, Difference between ANN and human brain, characteristics.

UNIT 3: Introduction to MIS

The meaning and use MIS, System View of Business, Process of MIS, Development of MIS within the organization, Management Process, Information Needs, System Approach in Planning Organizing and Controlling MIS.

UNIT 4: Introduction to Netwok Security

Network Security Fundamentals: Introduction, security Vulnerabilities and Threats, Classification of Security Services. Cryptography: Encryption principles, Conventional Encryption DES, IDEA, Algorithms.

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Sakkardara Square, Nagpur

DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-21

TEACHING PLAN FOR VALUE ADDED COURSE ON "DATA SCIENCE & NETWORK SECURITY" FOR BCA-II

Date: From Day 1 to Day 15 **(04/03/2021 TO 19/03/2021)**

Theory Timing (8:00 a.m to 9:00 a.m.) & Practical Timing (9:00 a.m to 10:30a.m)

Sr. No.	Date	Time (Theory & Practical)	Topic /Sub Topics	Duration
1	Day-1	*8:00 a.m to 10:30 a.m.*	What is Data Mining? Motivating Challenges, Definitions, Origins of Data Mining,	2Hrs
2	Day-2	*8:00 a.m to 10:30 a.m.*	Data Mining Tasks, **Data:** Types of Data- Attributes and Measurement and Types of data sets,	2Hrs
3	Day-3	*8:00 a.m to 10:30 a.m.*	Data Quality-Measurement and Data Collection Issues, Issues Related to Applications.	2Hrs
4	Day-4	*8:00 a.m to 10:30 a.m.*	Data Preprocessing- Aggregation, Sampling, Dimensionality Reduction	2Hrs
5	Day-5	*8:00 a.m to 10:30 a.m.*	What is JS, JS statement, JS Output, JS Comments	2Hrs
6	Day-6	*8:00 a.m to 10:30 a.m.*	Feature subset selection, Feature creation, Discretization and Binarization, Variable Transformation.	2Hrs

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7	Day-7	*8:00 a.m to 10:30 a.m.*	Introduction of soft computing, soft computing vs hard computing. Soft computing techniques.	2Hrs
8	Day-8	*8:00 a.m to 10:30 a.m.*	Learning (Supervised & Unsupervised), Artificial Neural Network (ANN): Evolution of, Basic neuron modeling	2Hrs
9	Day-9	*8:00 a.m to 10:30 a.m.*	Difference between ANN and human brain, characteristics.	2 Hrs
10	Day-10	*8:00 a.m to 10:30 a.m.*	The meaning and use MIS, System View of Business, Process of MIS, Development of MIS within the organization.	2Hrs
11	Day-11	*8:00 a.m to 10:30 a.m.*	Management Process, Information Needs	2Hrs
12	Day-12	*8:00 a.m to 10:30 a.m.*	System Approach in Planning Organizing and Controlling MIS.	2Hrs
13	Day-13	*8:00 a.m to 10:30 a.m.*	**Network Security Fundamentals:** Introduction, security Vulnerabilities and Threats, Classification of Security Services.	2Hrs
14	Day-14	*8:00 a.m to 10:30 a.m.*	Cryptography: Encryption principles, Conventional Encryption DES	2Hrs
15	Day-15	*8:00 a.m to 10:30 a.m.*	IDEA, Algorithms.	2Hrs
TOTAL				**30Hrs**

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NAME OF THE COLLEGE : Kamla Nehru Mahavidyalaya, Nagpur

NAME OF COURSE - Value Added Course on " Data Science and Network Security "

SESSION YEAR - 2020-2021

BCA-II STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	3/4/2021	3/5/2021	3/6/2021	3/6/2021	3/8/2021	09/13/2021	3/10/2021	3/11/2021	3/12/2021	3/13/2021	3/15/2021	3/16/2021	3/17/2021	3/18/2021	3/19/2021
1	AADESH NANA PATIL	P	P	P	AB	P	AB	P	P	AB	P	P	P	AB	P	P
2	ABHISHEK LILADHAR GAJBHIYE	P	P	P	P	AB	P	P	P	AB	P	P	AB	P	AB	AB
3	ABHISHEKH ASHOK SINGH	P	P	P	P	P	P	AB	P	P	AB	P	AB	P	AB	P
4	ADIBA FATEMA SUBHANUDDIN QAZI .	P	AB	P	P	P	AB	P	P	P	P	P	AB	P	AB	P
5	ADITI LAXMIKANT RAHATE	P	P	AB	P	AB	AB	P	P	AB	P	P	AB	AB	AB	P
6	ADITYA JAGDISH CHICHATE	AB	AB	P	P	P	AB	P	P	AB	P	P	P	P	P	AB
7	ADITYA SUNIL BURADKAR	P	AB	P	P	P	P	AB	AB	P	AB	P	AB	AB	AB	P
8	AFTAB MUSATTAR SHEIKH	AB	AB	P	P	P	AB	P	AB	AB	P	P	P	AB	AB	P
9	AKANKSHA DEWANAND MESHRAM	AB	P	P	P	AB	AB	AB	P	P	AB	P	AB	AB	AB	P
10	AKASH KISHOR JANGDE	AB	AB	AB	P	AB	P	P	P	P	P	P	AB	P	P	AB
11	ALISHA VIJAY PAWANKAR	AB	P	AB	P	P	AB	P	AB	P	P	P	P	P	AB	P
12	ANIKET ANIL MANDAWGADE	P	P	P	P	P	P	P	AB	P	AB	P	P	AB	AB	AB
13	ANIKET BABARAO TODEKAR	P	P	P	P	AB	AB	AB	AB	P	AB	P	AB	AB	P	P
14	ANIKET SUDHIR DHOMNE	AB	P	P	AB	AB	AB	P	AB	AB	P	P	P	AB	P	AB

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15	ANIKET TUKARAM IKHAR	P	P	P	P	P	AB	P	AB	AB	AB	P	P	P	AB	P
16	ANJALI RAMESH SINGH	P	P	P	P	AB	AB	AB	AB	P	P	AB	AB	AB	P	AB
17	ANKIT GAJANAN BANKAR	P	P	P	AB	AB	P	AB	AB	AB	P	P	AB	AB	P	AB
18	ANNAPURNA RAJKISHOR MISHRA	P	P	AB	AB	P	P	P	P	AB	AB	AB	P	AB	P	AB
19	ANUJ BANWARILAL KABRA	P	P	AB	P	AB	P	P	P	P	P	P	AB	P	P	P
20	ANURAG AJAY DHATRAK	AB	AB	AB	P	AB	P	P	P	AB	P	AB	P	P	P	AB
21	ANURAG NANDKISHOR SHINDE	AB	P	P	AB	AB	AB	P	P	AB	P	P	AB	AB	P	AB
22	ARIHANT DINESH UBALE	P	AB	P	P	P	AB	P	AB	P	P	P	P	AB	P	AB
23	ARNAV UMESHCHANDRA RODE	AB	AB	AB	P	P	P	P	P	P	P	P	P	P	P	P
24	ARPITA FRANCIS PAUL	P	P	P	P	P	AB	AB	P	P	AB	P	P	P	P	P
25	ARYA YUVRAJ JAIS	P	P	P	P	P	P	P	P	P	P	AB	AB	P	P	P
26	ARYAN SHRAVANJI GANESHKAR	P	P	AB	AB	AB	P	P	P	P	AB	P	AB	P	AB	P
27	ASHUTOSH AVINASH YAWALKAR	P	P	AB	P	P	P	AB	P	P	P	P	AB	P	P	P
28	ASHWINI RAMDAS PARIHAR	P	P	P	P	P	AB	P	AB	P	P	P	P	AB	P	AB
29	AWEJUDDIN NAEEMUDDIN KAZI	P	AB	P	P	P	P	AB	P	P	P	P	P	P	P	P
30	AYUSH DEVIDAS GARUDKAR	P	P	P	AB	AB	P	P	P	P	P	AB	P	P	P	P
31	AYUSH MOHAN AMNERKAR	P	P	P	P	P	P	P	P	P	P	AB	P	P	AB	P
32	AYUSHI NARESH DHORE	P	P	AB	P	P	P	P	AB	P	P	P	P	P	P	P

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33	BHUSHAN VIJAY CHINCHOLKAR	P	P	P	P	P	P	P	P	P	AB	P	AB	P	P	P
34	BUDDHABHUSHAN MORESHWAR DONGRE	P	P	P	AB	P	AB	P	P	P	P	P	P	P	P	P
35	CHAITANYA GHANSHYAM DORLIKAR	P	P	P	P	AB	P	P	AB	P	AB	P	P	P	P	P
36	CHAITANYA LAXMANRAO KOTHEKAR	P	P	AB	P	P	P	AB	P	AB	P	P	P	P	P	P
37	CHITRA NAMDEO MALODE	AB	P	P	P	P	P	AB	P	P	P	AB	P	P	P	P
38	DARSHANA SUNIL PANSE	P	P	P	AB	P	P	P	AB	P	P	AB	P	AB	P	P
39	DARSHANA YOGRAJ DHOBALE	AB	P	P	P	P	P	P	P	AB	P	P	P	P	P	P
40	DEEPALI SAMBHAJI CHAVHAN	P	P	AB	P	P	P	P	P	P	AB	P	AB	P	P	P
41	DEVANSHU ANIL SARODE	P	P	P	P	AB	P	P	P	P	P	P	P	P	AB	P
42	DEWANSHI ASHOK DHOTE	P	P	P	P	AB	P	AB	P	P	P	P	P	AB	P	P
43	DHIRAJ RAJENDRA MESHRAM	P	AB	P	P	P	AB	P	P	P	P	P	P	P	P	P
44	DIKSHA MANOJ PIMPALKAR	AB	P	P	P	P	P	P	P	P	AB	P	P	AB	P	P
45	DIKSHANT NARESH KAMBLE	P	P	P	P	AB	P	P	P	AB	P	P	P	P	P	P
46	DINESH SANJAY DHOBLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
47	DIPAK DEVIDAS KUTHE	P	P	P	P	P	P	P	AB	P	AB	P	P		P	P
48	DIPTI NARAYAN SHENDRE	P	P	P	P	AB	P	P	P	P	AB	P	P	P	P	P
49	DISHA KISHOR DONGARE	AB	P	AB	P	P	P	P	P	AB	P	P	P	P	P	P
50	DIVYANI RAKESH VALLAIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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51	DIVYESH DHANPAL AKARE	P	P	P	P	AB	P	P	P	P	P	P	P	P	AB	P
52	DIXIT PRAKASH PANCHOLI	P	P	P	P	P	P	P	AB	P	P	AB	P	P	P	P
53	DUSHYANT HARIDAS BELEKAR	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P
54	EKANT SUNIL MOTGHARE	P	P	P	P	P	P	AB	P	AB	P	?	P	P	P	P
55	GAURAV GOPALA LENDE	P	P	P	P	P	AB	P	P	AB	P	P	P	P	P	P
56	GAURAV SUNIL BANGADE	P	P	AB	P	P	P	P	P	AB	P	P	P	P	P	P
57	GAYATRI MITARAM BORKAR	P	P	P	P	AB	P	AB	AB	P	P	P	P	P	P	P
58	HARSH MANOJ NAGDEVE	P	P	P	AB	P	P	P	P	P	P	P	P	P	AB	P
59	HARSHAD RAVI NANDURKAR	P	P	P	P	AB	P	AB	P	P	P	P	P	AB	AB	P
60	HARSHAL BHIMRAO BAKDE	P	P	P	P	AB	P	P	AB	P	P	AB	P	P	P	P
61	HARSHAL KISHOR CHAWHAN	P	P	P	P	AB	P	P	AB	P	P	P	P	P	P	P
62	HARSHAL KOLBA KHAPEKAR	P	P	P	P	P	AB	P	P	P	P	AB	P	P	P	P
63	HARSHAL SUNIL KHANDALKAR	P	P	P	P	P	P	P	P	AB	P	P	P	AB	P	P
64	HARSHAL SURESH GAJBHIYE	P	P	P	P	P	P	P	P	P	P	P	AB	P	AB	P
65	HIMANSHU ARUN SUPATKAR	P	AB	P	AB	P	P	P	P	P	P	P	P	P	P	P
66	HIMANSHU GHANSHYAM BURDE	AB	P	P	P	P	AB	P	P	P	P	P	P	P	P	P
67	HIMANSHU HINDLAL UKEY	P	P	P	P	P	P	AB	P	P	P	P	P	AB	P	P
68	HIMANSHU PRAVIN DAKHARE	P	P	P	P	P	AB	P	P	P	P	P	P	P	AB	P

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69	HIMANSHU PREMKUMAR KHADE	P	P	P	P	P	P	P	P	A	A	P	A	A	A	P
70	HIMANSHU SANDIPSINGH BAIS	A	A	A	A	P	A	P	P	P	P	P	P	A	P	A
71	HITESH DNYANESHWAR MOHADIKAR	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P
72	JABIRRAJAKHAN SHAMIULLAKHAN PATHAN	P	P	P	P	P	P	A	P	A	P	P	P	A	A	P
73	JANHAVI PRASHANT DIDHATE	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P
74	JANVI DAYARAM MEHARKULE	P	P	A	A	P	P	A	P	P	P	P	P	P	P	P
75	JAY MILIND SURYAWANSHI	P	A	A	P	A	P	P	P	P	P	P	P	P	P	P
76	JAYESH KUMAR DINESH HEDAU	A	P	P	P	P	P	P	P	P	A	P	A	P	P	P
77	JOZI ASHFAQUE AHMED SHEIKH	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
78	JYOSANA MUKUNDA CHIDE	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
79	KAJAL ARUN UPARKAR	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
80	KALYANI CHANDRAKANT NEWASEKAR	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
81	KOMAL RAMDAS RAUT	P	P	P	P	P	P	P	P	A	A	P	P	A	P	P
82	KSHITIJ ANANTRAO BHATKAR	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P
83	MAHINNAZ SHEIKH JAVED .	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
84	MANSI VIJAYRAO RAKHUNDE	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
85	MANVESH SANJAY PATIL	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
86	MAYANK SANJAY PARDHI	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P

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87	MAYURI ANIL GURDE	P	P	P	P	P	P	P	P	P	.	P	P	P	P	.
88	MAYURI DILIP NANDURKAR	P	P	P	.	P	P	P	P	P	P	.	P	P	P	P
89	MINAL NARESH MASURKAR	.	.	P	P	P	P	P	P	P	P	P	P	.	P	.
90	MINAL VINOD CHOTHALE	.	P	P	P	P	.	P	P	.	.	P	P	.	P	P
91	MITALEE MANOHAR PANCHBUDHE	P	P	P	P	P	P	P	P	P	.	P		P	.	P
92	MOHANISH KRUSHNA BHOYAR	P	.	P	P	.	P	P	P	.	P	.	.	P	.	P
93	MOHIT CHANDRASHEKHAR DEOTALE	.	P	.	P	P	P	P	.	P	P	P	P	.	P	P
94	MOHIT PRAVIN HATEKAR	P	P	.	P	P	P	.	.	P	P	P	P	P	P	P
95	MOHIT RAJENDRA BHANARKAR	.	P	.	.	P	P	P	P	P	P	P	P	P	P	P
96	MRUNALI MAHADEO GUMGAONKAR	P	P	.	P	P	P	P	P	P	P	P	P	P	.	P
97	MRUNALI PRAVIN KALAMBE	.	P	P	P	P	P	P	P	P	P	P	.	P	P	P
98	MRUNALI SUNIL WAGHMARE	P	P	P	P	P	.	P	P	P	P	.	P	P	P	P
99	MUKUL PRAKASH MATTE	P	P	.	P	.	P	P	P	P	P	P	P	P	P	P
100	NAJUKTA SUBHASH MESHRAM	.	P	P	P	P	.	P	P	P	P	P	P	P	.	P
101	NANCY JOSEPH MARIAN	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P
102	NAVIN SURESH THAKRE	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P
103	NAVRUTTI PRABHAKAR NADEKAR	P	P	P	.	.	P	P	P	P	P	P	.	P	P	P
104	NIKHIL BHAGWAN DEKATE	P	P	P	P	P	P	P	P	P	P	P	.	P	P	P

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105	NIKHIL DINKAR HAWELIKAR	P	P	P	P	P	P	P	P	P	P	P	P	.	P	P
106	NISHA GAJANAN NINAWE	P	P	P	P	P	P	P	.	P	P	P	P	.	P	.
107	NISHIKA RAVINDRA TETE	P	P	P	P	.	P	P	P	.	P	P	P	P	P	.
108	NUPOOR CHANDRASHEKHAR PARATWAR	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P
109	PALLAVI RAJKUMAR RAUT	P	P	P	P	P	.	.	P	P	P	P	P	P	.	P
110	PALLAVI SHANKAR BORKAR	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P
111	PARITOSH DEEPAK SHROUTY	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P
112	PAWAN PRAKASH CHOPKAR	P	.	P	P	.	P	P	P	P	P	P	.	P	P	P
113	PAYAL MANOJRAO LAXANE	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P
114	PIYUSH RAMESH MAHAJAN	P	P	P	P	.	P	P	P	P	P	P	.	P	P	P
115	PRAFUL KAILASH KASARE	P	P	P	P	P	P	P	P	.	P	P	P	.	.	P
116	PRAJAKTA PURUSHOTTAM RAUT	P	P	P	P	P	P	P	P	P	P	.	.	.	P	.
117	PRAJAKTA RAJENDRA SONTAKKE	.	P	.	P	.	.	P	P	P	P	P	P	P	P	P
118	PRAJAKTA VIVEK UKE	P	P	P	.	P	P	P	P	P	P	P	P	P	.	.
119	PRANALI ARUN SARAVE	P	.	.	P	P	.	P	.	P	P	P	P	P	P	P
120	PRANALI OMDEO THAWKAR	P	P	P	P	.	.	P	P	P	P	P	P	.	P	P
121	PRANAV PARAG DANI	P	P	P	P	P	P	P	P	.	P	P	P	P	.	P
122	PRANAV VINIT UPASANI	.	P	P	.	.	P	P	P	P	P	P	P	P	P	.

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Sr. No.	Name of Student	3/4/2021	3/5/2021	3/6/2021	3/6/2021	3/8/2021	09/13/2021	3/10/2021	3/11/2021	3/12/2021	3/13/2021	3/15/2021	3/16/2021	3/17/2021	3/18/2021	3/19/2021
123	PRANAY MAROTI NARULE	P	P	P	P	P	P	P	P	P	.	P	.	P	P	P
124	PRANAY RAJENDRA DHOKE	P	P	P	P	P	.	.	P	P	P	P	.	P	P	P
125	PRANOTI KISHORRAO DANGE	P	P	P	P	P	.	P	P	.	P	.	P	P	P	P
126	PRATHAMESH KISHOR DEOGIRKAR	P	P	P	P	P	P	.	.	P	P	.	P	P	P	P
127	PRATIKSHA BABARAO KATOLE	P	P	P	P	P	P	P	P	P	P	P	.	P	P	P
128	PRAVIN NARENDRA BANSOD	P	P	P	P	P	P	.	.		P	.	P	P	P	P
129	PREM RAJKUMAR UKE	P	P	P	P	P	P	.	P	P	P	P	.	P	P	.
130	PRERNA RAJESH KATEWAR	P	P	P	.		.	P	P	P	P	.	P	P	P	P
131	PRIYANKA VIJAY KUKDE	P	.	P	P	.	.	.	P	.	P	P	P	P	P	.
132	PUSHPAK RAJESH PRAJAPATI	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P
133	RAHUL BHASKAR SONWANE	P	P	P	P	P	P	.	P	P	P	.	P	P	P	.
134	RAJ ARJUN KUKADE	P	P	P	.	P	P	P	P	.	P	.	P		P	P
135	RAJ JITENDRA PUROHIT	P	.	P	P	P	P	P	P	.	P	.	P	P	P	.
136	RAJAN RAJKUMAR MESHRAM	P	P	P	.	P	P	.	P	P	P	.	P	P	P	P
137	RAJATSINGH YASHPALSINGH THAKUR	P	P	.	P	P	P	.	P	.	P	P	P	P	P	P
138	RAJEEV RAKHIM BHATTACHARYA	P	P	P	P	.	P	P	P		P	P	.	P	P	.
139	RAKSHA ASHOK GUPTA	P	P	P	P	P	P	.	.	P	P	P	.	P	P	P
140	RANOJOY AASHISH BANERJEE	P	P	P		P	P	.	P	.	P	.	P	P	P	P

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141	REETIKSHA VIKAS PHOPATE	P	P	P	P	P	P	P	.	P	P	P	.	P	P	P
142	RITIKA MANOJ SOITKAR	P	P	.	P	P	P	P	P	P	.	P	P	P	P	P
143	RITIKA SHYAMKANT WANKAR	P	P	P	P	.	P	P	P	P	P	.	P	.	P	P
144	RIYA SANJAY DHOMANE	P	P	P	.	P	P	P	P	P	P	P	.	P	P	P
145	ROHIT ASHOK BAGDE	P	P	P	P	P	.	P	P	P	P	.	P	P	P	P
146	ROHIT RAJU NINAWE	P	P	P	P	.	P	P	P	P	P	.	P	P	P	P
147	ROHIT SUBHASH ZADE	P	P	P	.	P	P	P	P	P	.	P	P	P	P	P
148	ROHIT YASHWANT ZADE	P	P	.	P	P	P	P	P	P	.	P	P	P	P	P
149	RUTIK NITINSINGH PARIHAR	P	P	P	.	P	P	P	P	.	P	P	P	P	P	P
150	SACHIN NARENDRA GURVE	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P
151	SACHIN RAJKUMAR BHOSALE	P	P	P	P	P	P	P	P	P	P	.	P	.	P	P
152	SAHIL RAJENDRA MOHOD	P	P	P	P	P	P	P	P	P	.	P	P	.	P	P
153	SAKSHI BHAGAWAN GADPAYALE	.	P	P	P	.	P	P	P	P	.	P	P	P	P	P
154	SANDHYA BHARAT BHEDE	P	P	P	P	P	.	P	P	P	P	P	.	P	P	P
155	SANIKA SHRIKANT GADKARI	P	P	P	.	P	P	P	P	P	P	P	.	P	P	P
156	SANJANA PRAVIN MOKHALGAY	P	P	.	P	P	P	P	P	P	.	P	P	P	P	P
157	SANSKRUTI GANESH CHARDE	P	.	P	P	P	P	P	P	P	P	.	P	P	P	P
158	SANYUKTA SUNIL MOHITE	.	P	P	P	P	P	P	.	P	P	P	P	P	P	P

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159	SARVESH NILKANTH SIRSIKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
160	SATYAM SUHAS YAWALKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
161	SAURABH BHAUDAS SHENDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
162	SAURABH ISHWAR CHACHANE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
163	SAURABH MAROTRAO BAND	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
164	SAURAV DEEPAK GAWHANE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
165	SEJAL SUNIL THAWKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
166	SHAMDEV JAGDISH HATWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
167	SHANTANU NANDU MARJIVE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
168	SHARVARI VIJAYRAO THIGALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
169	SHASHANK HARIKISAN JAULKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
170	SHASHANT CHANDRAKANT THUTAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
171	SHIVAM ASHOK INGALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
172	SHIVANI MUKESH PALANDURKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
173	SHRADDHA VIJAY KHANDESHWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
174	SHRATIK DEVDATTA PUNDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
175	SHREYA MADAN DURUGKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
176	SHRUTI NARESH GAJBHIYE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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177	SHRUTI PRAKASH MASKE	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
178	SHRUTI SURESH JAISWAL	P	A	P	P	P	P	P	P	P	A	A	P	P	P	P
179	SHRUTIKA MAHENDRA WAGHMARE	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
180	SHRUTIKA THAKURDAS DHOKE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
181	SHUBHADA RAJENDRA CHAWARE	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P
182	SIDDHARTH RAJHANS DANGE	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
183	SOHAM RAMLAL VAIDYA	P	P	P	P	P	A	P	P	P	P	P	A	A	P	P
184	SOHEL AFSARALI SAYYAD	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A
185	SONAL PRASHANT ULABHAJE	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
186	SONAL SUNIL SHIVREKAR	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P
187	SONALI SAINATH MUSALE	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
188	SUMIT HANUMANT PAWAR	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
189	SUMIT MANOHAR DHORE	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
190	SURAJ BHARAT NARNAWARE	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
191	SUYOG CHANDRAMANI BORKAR	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
192	SWAPNIL SUNIL SOMKUWAR	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
193	SWAPNIL WAMAN WANJARI	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
194	SWITI DNYANESHWAR GEDAM	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P

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195	TANNU SANJAY ZALKE	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
196	TANYA PRADEEP TAMBEKAR	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
197	TRIPTI BACHCHELAL SINGH	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
198	TUSHAR BALMOHAN KALE	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P
199	TUSHAR DURGAPRASAD DAHARWAL	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
200	TUSHAR LATESH PARATE	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
201	TUSHAR NARENDRA NAREKAR	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P
202	TWINKLE PRABHAKAR KUMBHARE	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
203	UMANG PRAMOD MORGHADE	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
204	UTKARSH UTTAM BHUDE	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
205	VAIBHAV DINESH LAKDE	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
206	VAIBHAV VIJAY SURANKAR	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
207	VAIDEHI PRAKASH DHABEKAR	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P
208	VAISHNAVI ASHOKSINGH PAWAR	P	P	P	P	P	P	P	A	P	A	P	P	A	P	P
209	VAISHNAVI MANOJ BATHO	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
210	VANSHIKA KAILASH ROTKE	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P
211	VARUN VIJAYRAO DOLE	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
212	VIBHAV PRABHU SATHE	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P

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213	VISHAL RAJESH NIKUSE	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
214	VIVEK KHEMRAJ TITARMARE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
215	YASH RAJESH GHODE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
216	YASH VALMIK RAJGURU	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
217	YASH MANOJ GILLARKAR	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
218	YASH VIJAYRAO NAIDU	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
219	YUPESH DILIP PADA	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
220	YUVRAJ SEWAKRAM MURREY	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Harshal Sunil Khandalkar

satisfactory completion of the *Data Science and Network Security*

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From *04/03/2021* *To 19/03/2021*

He/She Passed at the Examination in Grade *O*

SWAPNALI G. KADAO
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

ard this Certificate to Mr/Ms Adiba Fatema Qazi

isfactory completion of the Data Science and Network Security

nducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

om 04/03/2021 To 19/03/2021

e/She Passed at the Examination in Grade A

SWAPNALI G. KADAO
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Janhavi Prashant Didhate

satisfactory completion of the Data Science and Network Security

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From 04/03/2021 To 19/03/2021

He/She Passed at the Examination in Grade A+

SWAPNALI G. KADAO
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Paritosh Deepak Shroty

satisfactory completion of the Data Science and Network Security

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From 04/03/2021 *To* 19/03/2021

He/She Passed at the Examination in Grade A

SWAPNALI G. KADAO
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Course on "Data Science and Network Security "

Report
(Session 2020_ 2021)

Aim:

Aims of a value-added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/procedure:

The value added course on **Data Science and Network Security** was organized by the department of **Computer Science** for **BCA-II** from **04/03/2021 TO 19/03/2021** Students taken actively part in the course of **Data Science and Network Security** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost **220** students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field or interests.

2)Students got specialized knowledge or certifications that make them more attractive to employers or clients..

3) Students got knowledge about the skill development courses.

4) Students can explore to their passions and interests outside of their primary career or educational path.

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Wanjari Group of Institutions

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

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Amar Sewa Mandal's

Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)
Date: 05/04/2021 to 21/04/2021
TOPIC: "ADVANCE COMPUTER TECHNOLOGY"

Course Co-ordinator: Prof. Bhagyashri A. Jagtap
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons	Patrons	Patrons	Organizer	Head of Dept.
Hon'ble Dr. Suhasini Wanjari President, Amar Sewa Mandal,Nagpur	Hon'ble Adv Abhijit Wanjarri MLC and Secretory, Amar Sewa Mandal Nagpur	Hon'ble Dr. Smeeta Wanjarri Treasurer, Amar Sewa Mandal, Nagpur	Dr. Dilip Badwaik Principal KNM, Nagpur	Dr. P. K. Butey Dept. of Computer Science KNM, Nagpur

BCA C216

To

The Principal

Kamla Nehru Mahavidyalaya,

Sakkardara, Nagpur.

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic " **Advance Computer Technology** ", for this session **2020-2021** for all the students of **BCA III** course. The course will start from date **05/04/2021 to 21/04/2021** and will be run for the **30 Hrs.** including theory and Practical sessions.

So, please allow us to start the value added course from above said date. This is for your kind information and permission.

Thank you.

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Syllabus for Value Added course on

"Advance Computer Technology "

UNIT 1: Introduction to AI

AI problems, AI Techniques, Tic-tac-toe, A water jug problem Control strategies, Depth-first, Breadth-first search, Generate-and-test, Hill climbing, Best- first search, A* Algorithm, AO* algorithm

UNIT 2: Introduction to IOT

Introduction to IOT ,Understanding IoT fundamentals , IOT Architecture and protocols ,Various Platforms for IoT, Real time Examples of IoT , Overview of IoT components and IoT Communication Technologies, Challenges in IOT.

UNIT 3: Introduction to Python

Introducing Python: What is Python? Python History

Python Fundamentals: Extending Python programs : Interactively, From a File, Other Methods, Script, program or module? **Components of a python programming: Built – In-Object types:** Python objects and other Languages, Operators basics, Numbers, Strings, Lists, Tuples, Working with sequences, Dictionaries, Files, object storage, type conversion, type comparisons **Statements:** statement format, comments, assignments, print, control statements, common traps.

UNIT 4: Introduction to Big Data

Getting an Overview of Big Data: What is Big Data,History of Data management,Structuring Big data,Elements of Big data,Big data Analytics, Exploring The Use of Big data. **Introducing Technologies for Handling Big data**: Distributed and Parallel Computing in Big Data, Introducing Hadoop, HDFS and Map reduce, Cloud computing and big data, Features of Cloud Computing.

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DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-2021

TEACHING PLAN FOR VALUE ADDED COURSE ON "ADVANCE COMPUTER TECHNOLOGY" FOR BCA III

Date : From Day 1 to Day 15 (05-04-2021 to 21-04-2021)

Theory Timing 8:00 a.m to 09:00 a.m

Practical Timing (9:00 a.m to 10:30 a.m)

Sr. No.	Date	Topic /Sub Topics	Duration (Theory 1:00 Hr. and Practical 1:30 hr Daily)
1	Day-1	AI problems, AI Techniques, Tic-tac-toe A water jug problem	2:30 Hrs
2	Day-2	Control strategies, Depth-first search	2:30 Hrs
3	Day-3	Breadth-first search, Generate-and-test, Hill climbing	2:30 Hrs
4	Day-4	Best- first search, A* Algorithm, AO* algorithm	2:30 Hrs
5	Day-5	Introduction to IOT ,Understanding IoT fundamentals , IOT Architecture and protocols	2:30 Hrs
6	Day-6	Various Platforms for IoT, Real time Examples of IoT	2:30 Hrs
7	Day-7	Overview of IoT components and IoT Communication Technologies, Challenges in IOT	2:30 Hrs
8	Day-8	Introducing Python: What is Python?	2:30 Hrs

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		Python History Python objects and other Languages,	
9	Day-9	Operators basics, Numbers, Strings, Lists, Tuples, Working with sequences,	2:30 Hrs
10	Day-10	Dictionaries, Files, object storage, type conversion, type comparisons	2:30 Hrs
11	Day-11	statement format, comments, assignments, print, control statements, common traps	2:30 Hrs
12	Day-12	What is Big Data, History of Data management, Structuring Big data, Elements of Big data,	2:30 Hrs
13	Day-13	Big data Analytics, Advantages of Big data Analytics, Exploring The Use of Big data	2:30 Hrs
14	Day-14	Distributed and Parallel Computing in Big Data, Introducing Hadoop, HDFS and Map reduce	2:30 Hrs
15	Day-15	Cloud computing and big data, Features of Cloud Computing.	2:30 Hrs
Total Theory and Practical's :			**30 Hrs**

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

NAME OF THE COLLEGE : Kamla Nehru Mahavidyalaya, Nagpur

NAME OF COURSE - Value Added Course on "Advance Computer Technology "

SESSION YEAR - 2020-2021

BCA III STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	05/04/2021	06/04/2021	07/04/2021	08/04/2021	09/04/2021	10/4/2021	12/4/2021	13/4/2021	14/4/21	15/4/21	16/4/21	17/4/21	19/4/21	20/4/21	21/4/2021
1	AAKANSHA SANJAY PAHADE	P	P	P	P	P	A	A	A	P	P	P	P	P	P	P
2	ABHAY SHARADRAO YESKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	ABHIJIT VIJAY PAUNIKAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
4	ABHISHEK ANIL THAKARE	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
5	ABHISHEK ANNA GIRADKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	ABHISHEK DNYANESHWAR DHAKOLE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
7	ABHISHEK RAMNATH SHAHU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	ABHISHEK TARUN SAHU	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	ADITI SANDEEP SONI	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P
10	AISHWARYA ASHOK KARNUKE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
11	AISHWARYA SANJAY SHAHU	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P
12	AJAY DNYANESHWAR PACHBUDHE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
13	AKANKSHA RAJESH MANWATKAR	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P
14	AKANKSHA SUDHIR LUTE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
15	AKANKSHA VASANT PATHAK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	AKASH ASHOK HATWAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P

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17	AKASH RAMNATH KHOT	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
18	AKSHAY LAXMAN DARNE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
19	AKSHAY MAHADEV UMREDKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
20	ANIKET MAROTRAO PARATE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
21	ANIKET NITIN NISWADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	ANIKET SUBHASH GARATE	P	P	A	A	P	P	P	P	P	A	P	P	P	P	P
23	ANIKET SUNILKUMAR ATAGREY	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	ANIRUDDHA JAYANT DAHIWALE	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
25	ANKITA ANIL SHITOLE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
26	ANKITA SHRIKRUSHNA SHEGAONKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
27	ANKUSHKUMAR GOVINDA ROKADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	ANUNIKEJ HUKUMCHAND WASNIK	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A
29	ASHIKA MOHAN GHUSE	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
30	ASHWINI PURUSHOTTAM WANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	ASHWINI SUBHASH HIWASE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
32	AYUSH PURUSHOTTAM PATEL	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	AZHAR NAJA ASLAM PATHAN	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
34	BHUSHAN SANJAY MOHATURE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
35	CHETALI LILADHAR CHARPE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
36	CHETAN MAHESH SUPARIWALE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
37	DEVANSHU SUNIL DHABARDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A

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38	DHARTI RATNAKAR AMBEKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	DIPAK NAGORAO MULE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	DIPALI MAHENDRA DWIVEDI	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
41	DURVAS MADHUKAR RATHOD	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
42	FAINJEEM RAHIMKHAN PATHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	FALGUNI PRAKASH DESHMUKH	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P
44	GAURI VIKAS ROKADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	HARDIK VIVEK MURLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	HARSH DHANRAJ KHAPEKAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
47	HARSHADA KISHORILAL RUNDHEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
48	HARSHADA SUBHASH KALAMBE	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P
49	HARSHAL GANGADHAR KAKDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	HIMANSHU SATISH GONNADE	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
51	HIMANSHU SUNIL DHANORE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	HITESH DNYANESHWAR KSHIRSAGAR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
53	HRUSHABH SHESHRAJ BODHANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	JANHAVI BHAGWAN BHAD	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	JAYANT KISHOR KHANORKAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
56	JAYASHRI SURESH NAIK	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
57	JAYESH DILIP PARDESHI	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	JAYESH PRAKASHRAO NAGPURKAR	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P

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59	JUILY DILIP WAGHMARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	KAJAL KAWADUJI BIPTE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
61	KAPIL SHRAWANKUMAR MISHRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
62	KASSIM NOOR SAYYED	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P
63	KAUSTUBH ASHOK GHANGARE	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	KAYNAT ASLAM TURKE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
65	KHUSHBOO TRILOKI MEHTA	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P
66	KIRAN CHARANDAS SHENDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	KIRAN RAJESH RAUT	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P
68	KOMAL DHANRAJ MASRAM	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
69	KOMAL UMESH GHORADKAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
70	KRUNAL RAMESH CHITRIVEKAR	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
71	KRUPALI MANGALMURTI BARAPATRE	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P
72	KRUTIK SHALIKRAM SAKHARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73	KUNAL BALAKDAS SONTAKKE	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
74	KUNAL PURUSHOTTAM GAHUKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75	KUNAL RAJU SHRIRAO	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
76	KUNDAN PRABHAKAR WAKUDKAR	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
77	MADHURI DIWAKAR BARAI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
78	MAHEJABEEN MOHAMMAD RAFIQUE .	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
79	MANDAR TUSHAR RAHATE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P

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80	MANISH JAGDISH THAKRE	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
81	MANISH SUNIL KOHALE	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P
82	MAYUR RAJBAHOR DUBE	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P
83	MRUNALI RAVIKANT URKUDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
84	NABILA TAYYABA SHEIKH ANWAR -	P	P	A	P	P	P	P	A	A	P	P	P	P	P	P
85	NANDINI SURESH KAWALE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
86	NIKHIL MILIND WASNIK	A	P	P	A	P	P	P	P	P	P	P	A	P	P	P
87	NIKITA ANAND KSHIRSAGAR	P	A	P	P	A	P	A	P	P	P	P	P	P	P	P
88	NIKITA SHARADRAO BANAIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
89	NILAY SUNIL WAGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
90	NILESH KASHINATH MOUNDEKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
91	NILESH MADHAVRAO URKUDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
92	NILKAMAL RAMESHRAO KAMBLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
93	NIRAJ SATYENDRAPRASAD MISHRA	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
94	OMKAR GAJANAN NAGEKAR	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
95	PALASH SHEKHAR KHANGAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
96	PALLAVI GOKUL KHOKALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
97	PALLAVI MANOJ DHURVE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98	PALLAVI MAROTRAO DHOLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
99	PALLAVI SHARAD NAND	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P
100	PANKAJ BABUSING PAWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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101	PARIVESH KESHAV PARADKAR	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P
102	POOJA PANDURANG ASOLE	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
103	PRACHI NANDU PATLE	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
104	PRACHI RAJU MANDAPE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
105	PRAGATI SATISH MASHARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
106	PRAGYA ANIL FULMALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
107	PRAJAKTA PRAKASH UMREDKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
108	PRAJWAL CHANDRAKANT LUTE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
109	PRAJWAL NARENDRA GAIKWAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
110	PRAJWAL SHANKAR TAGDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
111	PRANALI DADU KORE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
112	PRANAY ASHOK SHENDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
113	PRANAY GHANSHYAM BONDRE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
114	PRASHANT MORESHWAR FULBANDHE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
115	PRATHAMESH SURENDRA WAGHMARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
116	PRATIK SUDHIR WAGHALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
117	PRATIKSHA BISAN RAMTEKE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
118	PRATIKSHA DNYANESHWAR PAUNIKAR	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
119	PRATIKSHA PRAKASH KOHAD	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
120	PRATIKSHA PRAKASH SALAME	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
121	PRITI CHANDRABAHADUR RANA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Square, N...

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122	PRITI SHRILAL BAIRARIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
123	PRIYA NANDKUMAR PATLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
124	PURVA SATISH JUNGHARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
125	RAHUL CHANDRABHAN BARAPATRE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
126	RAHUL PRAHLAD THAKUR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
127	RAHUL SUBHASH AMDARE	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
128	RAJ SANTOSH GUPTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
129	RAKSHANDA SURESH THOTE	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P
130	RANI VIJAY CHALLIRWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
131	RAUNAK SANJAY MESHRAM	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
132	RITESH JAYPAL SUTE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
133	RITIK GANESH DEOGADE	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
134	RITIK GHANSHYAMJI DHAKATE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
135	ROHINI ARUN THAWKAR	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P
136	ROHIT DILIP NINAWE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
137	ROHIT MANIK KAMBLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
138	ROHIT PRAKASHY GAJBHIYE	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
139	ROSHAN CHARANDAS BAGDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
140	ROSHANI DILIP KUMBHARE	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P
141	RUCHIKA CHATRAPAL GAIKWAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
142	RUCHITA DAULAT GIRHEPUNJE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P

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143	RUPAL DHARMAPAL RAMTEKE	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P
144	RUPALI PREMDAS TAGDE	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P
145	RUPESH PRADIP BHUSARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
146	RUSHIKESH ASHOK WARGHANE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
147	RUTIK SUBHASH BHOYAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
148	RUTUJA MOHAN KALBANDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
149	RUTUJA NARENDRA GAIDHANE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
150	RUTVIZ RAJKUMAR BHELKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
151	SABA HUSSAIN SHEIKH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
152	SACHIN ABHIMNYU BANSOD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
153	SAGAR PRAKASH LANJEWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
154	SAKSHI AJAYRAO DANGAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
155	SAKSHI CHANDRAKANT KHOPDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
156	SAKSHI NANDKISHOR SAMARTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
157	SAKSHI PRAKASH YENDE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
158	SAKSHI SANJAYRAO DALIMKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
159	SAKSHI SURESH MANDAVGADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
160	SAKSHI VINOD CHAWARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
161	SALONI RAJESH BHAVARGADE	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P
162	SAMIKSHA VINESH ZODE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
163	SANKET GUNVANTA THAKRE	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Sr. No.	Name of Student	05/4/2021	06/4/2021	07/4/2021	08/4/2021	09/4/2021	10/4/2021	12/4/2021	13/4/2021	14/4/21	15/4/21	16/4/21	17/4/21	19/4/21	20/4/21	21/4/2021
164	SARANG BANDUJI INGALE	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
165	SAURABH RAJKUMAR BHIVGADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
166	SAURABH SUNIL KHARWADE	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
167	SAVITA PUNARAM MESHRAM	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P
168	SAYALI PRASHANT SURYAWANSHI	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
169	SHABNAMRANI PRALHADSINGH CHOUDHARY	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
170	SHAGUFA AMBARI ZAHOOR HASAN SHAIKH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
171	SHIVANI RAJENDRA NIMBALKAR	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P
172	SHRADDHA RANDHIR LOKHANDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
173	SHREYA SHEKHAR RINKEY	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P
174	SHREYASH RAJESH SONTAKKE	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P
175	SHREYASH SANJAY BANAYAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
176	SHREYKA VIJAY KALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
177	SHRIKANT SANJAY KAMBLE	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
178	SHRUTI ARUN PANTAWANE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
179	SHRUTI GIRIDHAR BHAKRE	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
180	SHRUTI NANDU YADAV	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
181	SHRUTI RAVISHANKARJI DUBEY	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P
182	SHUBHAM NARESH SHRIVASTAVA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
183	SHUBHAM SUNIL KADBE	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P
184	SHWETA MUKUNDA GHUGAL	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A

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Sr. No.	Name of Student	5/04/2021	6/04/2021	7/04/2021	8/4/2021	9/4/2021	10/4/2021	12/4/2021	13/4/2021	14/4/21	15/4/21	16/4/21	17/4/21	19/4/21	20/4/21	21/4/2021
185	SIMRAN DATTARAM KATRAPWAR	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
186	SMITA TARACHAND GEDAM	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
187	SNEHAL ANIL LUNGE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
188	SONALI RAMESH NIMJE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
189	SUCHITA RAMJI MISHRA	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P
190	SUMEDH RAMESHRAO LIKHAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
191	SUMIT GYANIRAM BARAI	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
192	SUMIT MANOHAR SHENDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
193	SUMIT VIVEK SELOKAR	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
194	SUYASH DEEPAK TIDKE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
195	SWARGANDHA DILIP YEWALE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
196	SWEETY SANJAY GUPTA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
197	TARUN RAVINDRA FAYE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
198	TEJAS SURESHJI PATEL	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
199	TRUNAL SATYAWAN BORKAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
200	TUSHAR AMBADAS GIRADKAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
201	TUSHAR PANDURANG BAWANE	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
202	UTKARSH SACHIN BELSARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
203	VAIBHAV RAJESH KATE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
204	VAISHNAVI DNYANESHWAR DHOKE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
205	VAISHNAVI MURLIDHAR KARAMVEER	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P

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Sr. No.	Name of Student	05/04/2021	06/04/2021	07/04/2021	08/04/2021	09/04/2021	10/04/2021	12/04/2021	13/4/2021	14/4/21	15/4/21	16/4/21	17/4/21	19/4/21	20/4/21	21/4/2021
206	VAISHNAVI RAJU RAROKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
207	VAISHNAVI SUNIL WADURKAR	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P
208	VAISHNAVI VIJAY PARKHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
209	VARSHA RAMPRASAD CHAVHAN	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
210	VIJAY LAXMINARAYAN MUDLIAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
211	VIPIN CHANDRASHEKHAR KHEDIKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
212	VIPIN VIJAY MATE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
213	VISHAL ANKUSH GOTMARE	P	P	P	P	A	P	P	P	P	P	P	P		P	P
214	VIVEK RAMESH GEDAM	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
215	VRUSHABH RAMBHAU DHANDE	P	P	P	P	P	P	P	P	P	P	P	P		P	P
216	ZIYAUL LALBABU SHEIKH	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P

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Sakkardara Square,Nagpur-24

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Abhay Sharadrao Yeskar

satisfactory completion of the Advance Computer Technology

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From 05/04/2021 *TO* 21/04/2021

He/She Passed at the Examination in Grade A+

Prof. Bhagyashri A. Jagtap
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
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Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24

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Wanjari Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Hardik Vivek Murle

satisfactory completion of the Advance Computer Technology

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From 05/04/2021 TO 21/04/2021

He/She Passed at the Examination in Grade O

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Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Prof. Bhagyashri A. Jagtap
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Wanjari Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Shreyka Vijay Kale

satisfactory completion of the Advance Computer Technology

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From 05/04/2021 TO 21/04/2021

He/She Passed at the Examination in Grade A+

Prof. Bhagyashri A. Jagtap
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Vaishnavi Murlidhar Karamveer

satisfactory completion of the Advance Computer Technology

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From 05/04/2021 TO 21/04/2021

He/She Passed at the Examination in Grade A+

Prof. Bhagyashri A. Jagtap
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
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Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Re-accredited by NAAC with A+ grade(CGPA 3.53)

Wanjari Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Manish Sunil Kohale

satisfactory completion of the Advance Computer Technology

conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur

From 05/04/2021 TO 21/04/2021

He/She Passed at the Examination in Grade A

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Kamla Nehru Mahavidyalaya
Sakkardara Square, Nagpur-24

Prof. Bhagyashri A. Jagtap
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Course on

"ADVANCE COMPUTER TECHNOLOGY"

Report
(Session 2020- 2021)

Aim:

Aims of a value-added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/procedure:
The value added course on **ADVANCE COMPUTER TECHNOLOGY** was organized by the department of **Computer Science** for **BCA III** from **Date 04/04/2021 TO 21/4/2021.**

Students taken actively part in the course of **ADVANCE COMPUTER TECHNOLOGY** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost 216 students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field or interests.
2)Students got specialized knowledge or certifications that make them more attractive to employers or clients..
3) Students got knowledge about the skill development courses.
4) Students can explore to their passions and interests outside of their primary career or educational path.

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Sakkardara Chowk, Nagpur.

Amar Sewa Mandal's

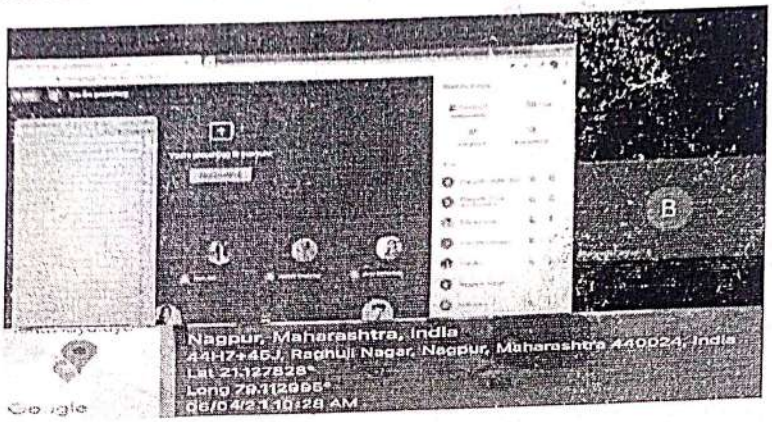
Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Academic Session 2020-2021

Certificate Course on " Advance Computer Technology "



Resource person conducting Session



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Sakkardara Chowk, Nagpur.

Wanjari Group of Institutions

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

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Amar Sewa Mandal's

Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)

Date: 01/03/2021 to 25/03/2021

TOPIC: "BASIC COMPUTER TECHNOLOGY & E COMMERCE"

Course Co-ordinator: Prof. Rasika V. Bodkhe
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons	Patrons	Patrons	Organizer	Head of Dept.
Hon'ble Dr. Suhasini Wanjari President, Amar Sewa Mandal,Nagpur	Hon'ble Adv Abhijit Wanjarri MLC and Secretory, Amar Sewa Mandal Nagpur	Hon'ble Dr. Smeeta Wanjarri Treasurer, Amar Sewa Mandal, Nagpur	Dr. Dilip Badwaik Principal KNM, Nagpur	Dr. P. K. Butey Dept. of Computer Science KNM, Nagpur

BVOC-I
CSD+RM+O

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To

The Principal

Kamla Nehru Mahavidyalaya,

Sakkardara, Nagpur.

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wantsto start the value added course on topic **"Basic Computer Technology & E-Commerce"**, for this session 2020 – 2021 for all the students of **BVOC-I** course. The course will start from date **01/03/2021 to 26/03/21**and will be run for the **30 Hrs.**, including theory and Practical sessions.

So, please allow us to start the value added course from above said date. This is for your kind information and permission.

Thank you.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Syllabus for Value Added Course on

"Basic Computer Technology and E-commerce"

Unit I: Introduction to Google account

How to create google account:Steps to create google account,Understanding Google privacy:Steps to access google privacy tools , Locked out of your google account:Recovering your user name and password.

Unit II: Introduction to Google form

Google drive : Sign –in , How to manage google form:What is google form,Accessing google form, creating google form, sharing viewing responses as a summary,viewing responses individually,Creating quiz: Select correct answers for your questions, Adding sections to your quiz,Adding quizzes to your classes.

Unit III: Introduction to Google docs

How to use Google Docs:Create a document,Edit and format,Share and work with others,deleting a document,How to use Google Sheets:Create a sheet ,Edit and format,Share and work with others,deleting a sheets.How to use Google Slides:Create a slide ,Edit and format,Share and work with others,deleting a slides.

Unit IV: Introduction to Ehics in Information Technology

Ethics in business world, Ethics in IT, Ethics for professionals,Ethical behavior, IT professional malpractices,IT users.The impact of Information Technology on the Quyality of Life:The impact of IT on the standard of Living and productivity.

UNIT - V: Introduction to E commerce

Introduction to e-Commerce, Scope of electronic commerce, definition, e-Commerce andTrade Cycle, e- Markets, Internet e-Commerce in perspective. Value chain, Supply chain, Inter organizational value chains.

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Sakkardara Square, Nagpur

DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-21

TEACHING PLAN FOR VALUE ADDED COURSE ON "BASIC COMPUTER TECHNOLOGY AND E-COMMERCE" FOR BVOC I

Date : From Day 1 to Day 15(1/03/2021to26/03/2021)

Theory Timing (8.00a.m to 9:00a.m) & Practical Timing (9:00a.m to 10:30a.m)

Sr. No.	Date	Time (Theory & Practical)	Topic /Sub Topics	Duration
1	Day-1	**8.00** a.m to **10:30** a.m	How to create google account:Steps to create google account,	**2 Hrs.**
2	Day-2	**8.00** a.m to **10:30** a.m	Understanding Google privacy:Steps to access google privacy tools	**2 Hrs.**
3	Day-3	**8.00** a.m to **10:30** a.m	Locked out of your google account	**2 Hrs.**
4	Day-4	**8.00** a.m to **10:30** a.m	Recovering youruser name and password.	**2 Hrs.**
5	Day-5	**8.00** a.m to **10:30** a.m	Google drive : Sign –in , How to manage google form:What is google form,	**2 Hrs.**
6	Day-6	**8.00** a.m to **10:30**	Accessing google form, creating google form, sharing viewing responses as a	**2 Hrs.**

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		a.m	summary	**2 Hrs.**
7	Day-7	**8.00** a.m to **10:30** a.m	viewing responses individually	
8	Day-8	**8.00** a.m to **10:30** a.m	Creating quiz: Select correct answers for your questions, Addinsections to your quiz,Adding quizzes to your classes.	**2 Hrs.**
9	Day-9	**8.00** a.m to **10:30** a.m	How to use Google Docs: Create a document ,Edit and format ,Share and work with others,deleting a document ,How to use Google Sheets:Create a sheet ,Edit and format,	**2 Hrs.**
10	Day-10	**8.00** a.m to **10:30** a.m	Share and work with others ,deleting a sheets.How to use Google Slides:Create a slide	**2 Hrs.**
11	Day-11	**8.00** a.m to **10:00** a.m	Edit and format, Share and work with others , deleting a slides.	**2 Hrs.**
12	Day-12	**8.00** a.m to **10:30** a.m	Ethics in business world, Ethics in IT, Ethics for professionals,Ethicalbehavior,behavior,professional malpractices,IT users.	**2 Hrs.**
13	Day-13	**8.00** a.m to **10:30** a.m	The impact of Information Technology on the Quyality of Life:The impact of IT on the standard of Living and productivity.	**2 Hrs.**
14	Day-14	**8.00** a.m to **10:30** a.m	Introduction to e-Commerce, Scope of electronic commerce, definition, e-Commerce andTrade Cycle, e-Markets,	**2 Hrs.**
15	Day-15	**8.00** a.m to **10:30** a.m	, Internet e-Commerce in perspective. Value chain, Supply chain , Inter organizational value chains.	**2 Hrs.**
			TOTAL	**30Hrs**

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Kamla Nehru [illegible],
S[illegible]ra Chowk, [illegible]

NAME OF THE COLLEGE : Kamla Nehru Mahavidyalaya, Nagpur																	
NAME OF COURSE - Value Added Course on "Basic Computer Technology and E-commerce "																	
SESSION YEAR - 2020-2021																	
BVOC I STUDENT ATTENDANCE SHEET																	
Duration :- 15 Days (30 Hrs)																	
Sr. No.	Name of Student	01.03-21	02.03.21	03.03.21	04.03.21	05.03.21	08.03.21	09.03.21	10.03.21	11.03.21	15.03.21	16.03.21	22.03.21	23.03.21	25.03.21	26.03.21	
1	ANKIT KRUSHNA SHENDE	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	
2	BHUSHAN VILAS TANDEKAR	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	
3	FARIDUDDIN NASIRUDDIN KAZI	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	
4	HARSH SURENDRA GULKUNDE	A	P	P	P	P	P	A	P	P	P	P	A	A	P	P	
5	HIMANSHU INDRAJIT BHAMBHORE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
6	ISHIKA RAJENDRA SAGARE	A	P	P	P	P	P	P	P	P	A	P	P	A	P	P	
7	MITALI PRAMOD KHERDE	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	
8	VAISHNAVI VISHAL SAKSENA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
9	YASHASHREE BALAKDAS GANVIR	P	A	P	A	P	P	P	P	P	P	P	P	P	A	P	
10	AAKANKSHA SHRIRAM BHUSARI	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	
11	ADITI KISANRAO UMATE	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	
12	AKANKSHA SATISH WALKE	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	
13	ALISHA ANANDRAO GAYMUKHE	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	
14	ANCHAL KRUSHNAMOHAN JHA	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	
15	ANUSHRI RAJESH SHENDE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
16	APURVA DHANRAJ SHIWARKAR	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	

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Sakkardara Chowk, Nagpur.

Sr. No.	Name of Student	01.03-21	02.03.21	03.03.21	04.03.21	05.03.21	08.03.21	09.03.21	10.03.21	11.03.21	15.03.21	16.03.21	22.03.21	23.03.21	25.03.21	26.03.21
17	ASHWINI SHARD INGALE	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P
18	DHANASHREE ANANDRAO LAXANE	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
19	DIVYA PRAKASHRAO AHER	A	P	P	P	P	A	P	P	P	P	P	A	P	P	P
20	GANESH PUNDLIK HEDAU	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
21	HARSHAL RATNAKAR PATHRABE	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
22	ISHA DEEPAK RAMTEKE	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
23	KHUSHAL GULAB MOUDEKAR	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
24	KSHITIJ GOVINDRAO PATNE	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
25	KSHITIJ SHRAVAN SATPUTE	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
26	MANSI DILIP KALE	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
27	MUSKAN PARVEEN AHSAN ALI	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
28	NEHA VASANTA THOSAR	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
29	PRACHI DEVENDRA HELONDE	A	P	P	P	P	A	P	P	P	P	P	A	P	P	A
30	PRANAY PRAMOD DAHIWALE	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
31	PRANALI GAUTAM BESEKAR	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
32	RAHUL CHANDRADAS JOGI	A	P	A	P	P	P	P	A	P	A	P	P	P	P	P
33	ROHAN PRADIP MESHRAM	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
34	ROSHNI DINESH GUPTA	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
35	SAKSHI SHARADRAO THAKRE	P	P	P	A	P	P	A	P	P	A	P	A	P	P	A
36	SANJANA SANJAY SOMKUWAR	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
37	SANKET BANDU DEWOJWAR	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P

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38	SAYMA PARVEEN FIROZ KHAN	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
39	SEJAL CHHANNULAL PARDHI	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P
40	SHREYA RAVINDRA PATIL	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P
41	SHRUTI PRASHANT INDURKAR	P	P	P	A	P	P	P	P	P	P	A	A	P	P	P
42	TANZIMA FEROZ KHAN	A	P	P	P	P	A	P	P	P	P	P	P	P	P	A
43	TRUPTI MORESHWAR UCHITKAR	A	P	P	P	P	A	P	P	P	P	A	A	P	P	P
44	TRUPTI SANJAY HUKRE	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
45	VAIBHAV SURYAPAL BAGDE	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P
46	VAISHNAVI RAMBHAU KOTHALE	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
47	VISHAKHA JAYDEO TELMASRE	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
48	ADITYA KANHAIYALAL KHAROLE	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
49	ASHWAJEET PRADEEP TAGDE	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
50	BHARTI GOVINDA CHANDEKAR	P	P	P	P	P	A	P	P	P	A	P	P	P	P	A
51	DEVENDRAKUMAR VISHWANATH SONSARWA	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
52	DINESH UDAY SHAHU	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P
53	GAURAV RAMESHRAO KUKADKAR	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
54	GOPAL CHUDAMAN SARWA	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
55	MAYUR RUSHI THAKARE	A	P	P	P	A	P	P	P	P	P	P	P	P	A	P
56	PAMESH MUKUND SONWANE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
57	RAHUL SANTOSH VERMA	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
58	REHAN KHAN NAWAB KHAN	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P

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59	RITIK ROSHAN GANVIR	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
60	ROHIT MATHURAPRASAD GUPTA	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
61	ROSHAN REWACHAND TOPARE	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
62	SACHIN SURESH MATE	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
63	SAHIL PRAKASHRAO MADAVI	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
64	SAIMA PARVEEN JIBRAIL KHAN	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P
65	SATYAPRAKASH LAXMAN MISHRA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
66	SHEIKH ARSHAD SHEIKH JAKIR	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P
67	SHIVAM CHANDRAPRAKASH JAIS	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P
68	TEJAS SUNILRAO KALMEGH	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
69	TUSHAR SUNIL GAUR	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P

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Re-accredited by NAAC with A+ grade(CGPA 3.53)
Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ISHIKA RAJENDRA SAGARE
satisfactory completion of the Basic Computer Technology & E-Commerce
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/03/2021 *TO* 26/03/2021
He/She Passed at the Examination in Grade A+

Prof. Rasika V. Bodkhe
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
Re-accredited by NAAC with A+ grade(CGPA 3.53)
Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ISHA DEEPAK RAMTEKE
satisfactory completion of the Basic Computer Technology & E-Commerce
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/03/2021 *TO* 26/03/2021
He/She Passed at the Examination in Grade A

Prof. Rasika V. Bodkhe
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms TRUPTI MORESHWAR UCHITKAR
satisfactory completion of the Basic Computer Technology & E-Commerce
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/03/202DTO 26/03/2021
He/She Passed at the Examination in Grade A

Rasika

Prof. Rasika V. Bodkhe
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms RAHUL SANTOSH VERMA
satisfactory completion of the Basic Computer Technology & E-Commerce
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/03/2021 *TO* 26/03/2021
He/She Passed at the Examination in Grade B+

Rasika

Prof. Rasika V. Bodkhe
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

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Sakkardara Chowk, Nagpur.

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Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms SHRUTI PRASHANT INDURKAR
satisfactory completion of the Basic Computer Technology & E-Commerce
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/03/2021 *TO* 26/03/2021
He/She Passed at the Examination in Grade O

Rasika

Prof. Rasika V. Bodkhe
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

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Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Course on "Basic Computer Technology & E-Commerce"

Report

(Session 2020-2021)

Aims:

Aims of a value-added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/Procedure:

The value added course on **Basic Computer Technology & E-Commerce** was organized by the department of **Computer Science** for **BVOC I** from 01/03/2021 to 26/03/2021 . Students taken actively part in the course of **Basic Computer Technology & E-Commerce** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department. Almost 69 students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field or interests.

2)Students got specialized knowledge or certifications that make them more attractive to employers or clients..

3) Students got knowledge about the skill development courses.
4) Students can explore to their passions and interests outside of their primary career or educational path.

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Sakkardara Chowk, Nagpur.

Wanjari Group of Institutions

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

Re-accredited by NAAC with (A+) grade (CGPA 3.53)

Amar Sewa Mandal's

Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)
Date: 01-01-2021 to 5/02/2021
TOPIC: "DIGITAL MARKETING"

Course Co-ordinator: Prof. Yogesh T. Bisen
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons	Patrons	Patrons	Organizer	Head of Dept.
Hon'ble Dr. Suhasini Wanjari President, Amar Sewa Mandal,Nagpur	Hon'ble Adv Abhijit Wanjarri MLC and Secretory, Amar Sewa Mandal Nagpur	Hon'ble Dr. Smeeta Wanjarri Treasurer, Amar Sewa Mandal, Nagpur	Dr. Dilip Badwaik Principal KNM, Nagpur	Dr. P. K. Butey Dept. of Computer Science KNM, Nagpur

KAMLA NEHRU MAHAVIDYALAYA NAGPUR COMPUTER SCIENCE

To

The Principal

Kamla Nehru Mahavidyalaya,

Sakkardara, Nagpur.

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic **" Introduction To Digital Marketing ",** for this session **2020-21** for all the students of **Bachelor of Commerce Computer Application** course. The course will start from date **07-03-2021 to 25-03-2021** and will be run for the **30 Hrs.** , including theory and Practical sessions.

So, please allow us to start the value added course from above said date.

This is for your kind information and permission.

Thank you.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

VALUE ADDED COURSE

ON

"Introduction to Digital Marketing"

Session-2020-21

Unit-I

Fundamentals of Digital marketing & Its Significance, Traditional marketing Vs Digital Marketing, Evolution of Digital Marketing. Digital Marketing Landscape, Key Drivers, Digital Consumer & Communities. Gen Y & Netizen's expectation & influence wrt Digital Marketing.

Unit-II

The Digital users in India, Digital marketing Strategy- Consumer Decision journey. POEM Framework, Segmenting & Customizing messages. Digital advertising Market in India, Skills in Digital Marketing, Digital marketing Plan.

UNIT-III

Terminology used in Digital Marketing, PPC and online marketing through social media, Social Media Marketing, SEO techniques. Keyword advertising, Google web-master and analytics overview.Affiliate Marketing, Email Marketing, Mobile Marketing.

UNIT-IV

Display adverting, Buying Models, different type of ad tools, Display advertising terminology, types of display ads. different ad formats, Ad placement techniques. Important ad terminology, Programmatic Digital Advertising.

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Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-2021

TEACHING PLAN FOR VALUE ADDED COURSE ON "INTRODUCTION TO DIGITAL MARKETING" FOR BCCA III

Date : From Day 1 to Day 15 (7-03-2020 to 25-03-2021)

Theory Timing 8:00 a.m to 09:00 a.m

Practical Timing (9:00 a.m to 10:30 a.m)

Sr. No.	Date	Topic /Sub Topics	Duration (Theory 1:00 Hr. and Practical 1:30 hr Daily)
1	Day-1	Fundamentals of Digital marketing & Its Significance, Traditional marketing Vs Digital Marketing, Evolution of Digital Marketing.	2:30 Hrs
2	Day-2	Digital Marketing Landscape, Key Drivers, Digital Consumer & Communities.	2:30 Hrs
3	Day-3	Gen Y & Netizen's expectation & influence wrt Digital Marketing.	2:30 Hrs
4	Day-4	The Digital users in India, Digital marketing Strategy- Consumer Decision journey.	2:30 Hrs
5	Day-5	POEM Framework, Segmenting & Customizing messages.	2:30 Hrs
6	Day-6	Digital advertising Market in India, Skills in Digital Marketing,	2:30 Hrs
7	Day-7	Digital marketing Plan.	2:30 Hrs
8	Day-8	Terminology used in Digital Marketing, PPC and online marketing through social media,	2:30 Hrs
9	Day-9	Social Media Marketing, SEO techniques.	2:30 Hrs
10	Day-10	Keyword advertising, Google web-master and analytics overview.	2:30 Hrs

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11	Day-11	Affiliate Marketing, Email Marketing, Mobile Marketing.	**2:30 Hrs**
12	Day-12	Display adverting, Buying Models, different type of ad tools,	**2:30 Hrs**
13	Day-13	Display advertising terminology, types of display ads.	**2:30 Hrs**
14	Day-14	different ad formats, Ad placement techniques.	**2:30 Hrs**
15	Day-15	Important ad terminology, Programmatic Digital Advertising.	**2:30 Hrs**
Total Theory and Practical's :			**30 Hrs**

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NAME OF THE COLLEGE : Kamla Nehru Mahavidyalaya, Nagpur

NAME OF COURSE - Value Added Course on "Introduction to Digital Marketing "

SESSION YEAR - 2020-2021

BCCA III STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	8/3/21	9/3/21	10/3/21	11/3/21	12/3/21	13/3/21	15/3/21	16/3/21	17/3/21	18/3/21	19/3/21	20/3/21	22/3/21	23/1/21	24/3/21
1	AAFREEN WAHAB QURESHI	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
2	ABHISHEK KESHAO DHAPODKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
3	ADARSH ASHOK SINGH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	ADESH NATTHUJI DHENGRE	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P
5	ALTAF AHMED MUSLIM ANSARI	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
6	ANIKET ANIL SUKARE	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
7	ANJALI MOHAN PAUNIKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
8	ANJALI VILASRAO KOTAMBKAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
9	ANKIT GULCHAND CHAWARE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
10	ANKITA HARIHAR SHENDRE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
11	ANKITA INDAL BHIMTE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
12	ANUSAYA SANJAY CHANDEKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
13	ANUSHREE ASHOK RAMTEKE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
14	ASHISH KAILASH KAMDE	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
15	AYUSH PRADEEPRAO GEDAM	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
16	CHAITANYA DEWAJI KAMDI	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P

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17	CHETAN JAYDEO AMBULKAR	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	DARSHAN KAMLAKAR GUNJANWAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
19	DEEPANSHU DILIPBHAI LANJEWAR	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
20	DIVYA GAJANANJI NISAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
21	DIVYA KESHAV GOKHALE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
22	HARSH RAJESH BADWE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
21	HARSHIKA HARIGOVINDA WATTHIGHARE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
24	HITESH DEVESH TELANG	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
25	HOSHAL NARESH BHOYAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
26	JAYASHREE PRADIP MASANWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	JYOTI GANESHLAL PAWAR	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
28	KIRTEE SUKHADEO AGASHE	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P
29	KUNAL DILIP TAKLIKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
30	MANGESH VIJAY DHAKATE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	MANISH NANDAKUMAR DAHULE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
32	MAYUR EKNATH ABHANGE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
33	MEGHANA DILIPRAO WAGHMARE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
34	MEGHRAJ RAMESH DESHMUKH	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
35	MOHD.FAIZAL MOHD. KARIM SHEIKH	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
36	MONIKA SUNIL YADAV	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
37	PRABJYOT SINGH GURMEET SINGH THETI	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A

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38	PRABUDDHA JAYDEV GEDAM	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	PRACHI KISAN NAVGHARE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
40	PRAFUL JAGDISH PANDE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
41	PREETI VIDHYADHAR SHUKLA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
42	RAHUL UMESH GUPTA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
43	RAJAT RAJESH HADAP	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
44	RAJESHWARI PRABHAKAR BURADKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
45	ROHIT ANANDRAO HARGULE	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
46	ROHIT PANDURANG KALE	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
47	SAHIL NARESH GANVIR	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
48	SAMIKSHA BHOJRAJ PARDHI	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
49	SAMRUDDHI JAYANT KENE	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P
50	SAMYAK SURESH MOON	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P
51	SANCHITA CHANDRABHAN MOHADIKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
52	SANDEEP RAJENDRA PETHE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
53	SANGEETA MAHADEO BURDE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
54	SANKET SURESH GURVE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
55	SANYUKTA RAMESH ADHAU	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
56	SAYYAD ANAM SAYYAD SHAHID ALI	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
57	SHALU RAMESHKUMAR MISHRA	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
58	SHREYASH SURENDRA BAWANGADE	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Sakkardara Chowk, Nagpur.

Sr. No.	Name of Student	8/3/21	9/3/21	10/3/21	11/3/21	12/3/21	13/3/21	15/3/21	16/3/21	17/3/21	18/3/21	19/3/21	20/3/21	22/3/21	23/3/21	24/3/21
59	SIDDHITAI PRABHAKAR JAMBHULE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
60	SUMIT VILAS DONGRE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
61	SWAPNIL DEVCHAND GAIKWAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
62	SWARANJALI BHARAT FULKAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
63	UJWAL VIRENDRA SONKUSARE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
64	VAIBHAV VIJAY MESHRAM	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
65	VEDANG MRUTYUNJAY YAWALE	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
66	VINAY DNYANESHWAR HEDAU	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
67	YADNESH NARENDRA INWATE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
68	YASH KEMRAJ MATE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ANJALI M .PAUNIKAR
satisfactory completion of the *Introduction to Digital Marketing*
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 07/03/2020 *To* 25/03/2021
He/She Passed at the Examination in Grade A+

Yogesh T. Bisen
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Wanjari Group of Institutions

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ***PRABJYOT SINGH GURMEET SINGH THETI***
satisfactory completion of the ***Introduction to Digital Marketing***
conducted by Computer Science Department of **Kamla Nehru Mahavidyalaya,Nagpur**
From 07/03/2020 *To* 25/03/2021
He/She Passed at the Examination in Grade A+

Yogesh T. Bisen
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru
Sakka

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms PRACHI K. NAVGHARE
satisfactory completion of the *Introduction to Digital Marketing*
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 07/03/2020 *To* 25/03/2021
He/She Passed at the Examination in Grade A

Yogesh T. Bisen
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ROHIT A. HARGULE
satisfactory completion of the ***Introduction to Digital Marketing***
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 07/03/2020 *To* 25/03/2021
He/She Passed at the Examination in Grade A

Yogesh T. Bisen
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
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Dr.Dilip S. Badwaik
Principal
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Department of Computer Science

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Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms YASH K.MATE
satisfactory completion of the ***Introduction to Digital Marketing***
conducted by Computer Science Department of **Kamla Nehru Mahavidyalaya,Nagpur**
From 07/03/2020 *To* 25/03/2021
He/She Passed at the Examination in Grade A

Yogesh T. Bisen
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Course on "Introduction to Digital Marketing"

Report
(Session-2020-21)

Aims:

Aims of a value-added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/Procedure:

The value added course **"Introduction to Digital Marketing"** was organized by the department of **Computer Science** for **Bachelor of Commerce Computer Application** from **7-03-2021 to 25-03-2021**. Students taken actively part in the course of **"Introduction to Digital Marketing"** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost **68** students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field or interests.
2)Students got specialized knowledge or certifications that make them more attractive to employers or clients..
3) Students got knowledge about the skill development courses.
4) Students can explore to their passions and interests outside of their primary career or educational path.

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Amar Sewa Mandal's

Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)

Date: 05/04/2021 to 21/04/2021

TOPIC: " DIGITAL OFFICE AUTOMATION USING GOOGLE TOOLS"

Course Co-ordinator: Prof. Aarti V. Gopani
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons	Patrons	Patrons	Organizer	Head of Dept.
Hon'ble Dr. Suhasini Wanjari President, Amar Sewa Mandal,Nagpur	Hon'ble Adv Abhijit Wanjarri MLC and Secretory, Amar Sewa Mandal Nagpur	Hon'ble Dr. Smeeta Wanjarri Treasurer, Amar Sewa Mandal, Nagpur	Dr. Dilip Badwaik Principal KNM, Nagpur	Dr. P. K. Butey Dept. of Computer Science KNM, Nagpur

To

The Principal

Kamla Nehru Mahavidyalaya.

Sakkardara, Nagpur.

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic **"Digital Office Automation using Google Tools"**, for this session 2020-2021 for all the students of **MCM I** course. The course will start from date **05-04-2021 to 21-04-2021** and will be run for the **30 Hrs.** including theory and Practical sessions.

So, please allow us to start the value added course from above said date. This is for your kind information and permission.

Thank you.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Syllabus of Value Added Course

on

" Digital Office Automation using Google Tools"

MCM-I

Unit-I : Google Docs and Google Drive

Word-processing using Google Docs, Toolbar, Menus, Creating of New Document, Opening, Sharing, downloading Document, Basic formatting features, Text & Paragraph Formatting, Table, Watermarks, Header and Footer, Special Character, Alignment, bullets and numbering, Spelling & Grammar, Voice Typing

Introduction to Google Drive, Managing Google Drive, Storing and sharing files and folders, Documents, Photos, Videos, Recordings, etc.

Unit-II : Google Sheets

Introduction to Google Sheets, Toolbar, Menus, Creating of New Spreadsheet, Opening, Sharing, downloading, importing spread sheet, Freeze, Group, Zoom, inserting charts.

Unit-III : Slides

Introduction to Google Slide, Toolbar, Menus, Creating of New Presentation, Opening, Sharing, downloading, importing, presentation, Slideshow, motion, inserting text, audio, video, animation, background, border and shading, bullets and numbering, transition.

Unit-IV : Gmail (Google Mail) and Google forms

Introduction to Gmail, Sending and Receiving mail, attachment, sharing, Smart email filtering system, Custom labels.

Introduction to Google forms. Creating form, quiz, linking, sharing, attachment of add-on.

Practical: Practical based on above syllabus.

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Sakkardara Square, Nagpur

DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-21

TEACHING PLAN FOR CERTIFICATE COURSE

Date : From Day 1 to Day 15

Theory Timing (8:30a.m to 9:30.m) & Practical Timing (9:30a.m to 10:30a.m)

Sr. No.	Date	Time (Theory & Practical)	Topic /Sub Topics	Duration
1	Day-1	*8.30*a.m to *10.30* a.m	**Unit-I : Google Docs and Google Drive**Word processing using Google Docs, Toolbar, Menus, Creating of New Document, Opening, Sharing, downloading Document	2Hrs
2	Day-2	*8.30*a.m to *10.30* a.m	Basic formatting features,Text & Paragraph Formatting, Table Watermarks, Header and Footer, Special Character, Alignment,	2 Hrs
3	Day-3	*8.30*a.m to *10.30* a.m	bullets and numbering, Spelling & Grammar, Voice TypingIntroduction to Google Drive,Managing Google Drive,	2 Hrs
4	Day-4	*8.30*a.m to *10.30* a.m	Storing and sharing files and folders, Documents, Photos, Videos, Recordings, etc.	2 Hrs
5	Day-5	*8.30*a.m to *10.30* a.m	Unit- II : Google Sheets Introduction to Google Sheets, Toolbar, Menus,	2 Hrs

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6	Day-6	*8.30*a.m to *10.30* a.m	CreatingOfNew Spreadsheet,Opening, Sharing,downloading	2 Hrs
7	Day-7	*8.30*a.m to *10.30* a.m	importing spread sheet, Freeze, Group, Zoom, inserting charts.	2 Hrs
8	Day-8	*8.30*a.m to *10.30* a.m	**Unit-III:Slides** Introduction to Google Slide, Toolbar, Menus,	2 Hrs
9	Day-9	*8.30*a.m to *10.30* a.m	Creating of New Presentation, Opening, Sharing, downloading	2 Hrs
10	Day-10	*8.30*a.m to *10.30* a.m	importing,presentation, Slideshow,	2 Hrs
11	Day-11	*8.30*a.m to *10.30* a.m	animation,background, border and shading, bullets and numbering, transition	2 Hrs
12	Day-12	*8.30*a.m to *10.30* a.m	**Unit-IV :Gmail (Google Mail) and Google forms** Introduction to Gmail, sharing,	2 Hrs
13	Day-13	*8.30*a.m to *10.30* a.m	Smart Email filtering system, Custom labels.	2 Hrs
14	Day-14	*8.30*a.m to *10.30* a.m	Sending and Receiving mail, attachment,	2 Hrs
15	Day-15	*8.30*a.m to *10.30* a.m	Introduction to Google forms. Creating form, quiz, linking, sharing, attachment of add-on	2 Hrs
TOTAL				**30 Hrs**

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NAME OF COURSE - Value Added Course on " Digital Office Automation using Google Tools"

SESSION YEAR - 2020-2021

MCM I STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No	Name of Student	04/05/2021	04/06/2021	04/07/2021	04/08/2021	04/09/2021	04/10/2021	04/12/2021	4/13/2021	4/14/21	4/15/21	4/16/21	4/17/21	4/19/21	4/20/21	4/21/2021
1	ANIKET GUNWANTRAO CHOPDE	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
2	ASHWINI DILIP BHENDE	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
3	DHANSHRI SUNIL BAWANE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
4	DIVYA DILIP KATRE	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
5	MUSKAN IQUBAL SHEIKH	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
6	NANDINI GULABRAO CHAUDHARI	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
7	NIKITA MADHUSUDAN DAS	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
8	RUPAL ISUNIL MANDURKAR	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P
9	SARIKA SURENDRA MESHRAM	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	SAYALIDEORAOVAIDYA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
11	SHARDA PANDURANG BORIKAR	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
12	SHRADDHA VIJAYRAO KUKWAS	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P
13	SOURABH SUBHASH TITIRMARE	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P
14	UJWAL BHANUDAS CHIMOTE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	YUGAL LILADHARRAO RAUT	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms YUGAL LILADHARRAO RAUT
satisfactory completion of the *Digital Office Automation using Google Tools*
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 04/05/2021 to 04/21/2021
He/She Passed at the Examination in Grade O

Aarti V.Gopani
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms SOURABH SUBHASH TITIRMARE
satisfactory completion of the *Digital Office Automation using Google Tools*
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 04/05/2021 to 04/21/2021
He/She Passed at the Examination in Grade A+

Aarti V.Gopani
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms NIKITA MADHUSUDAN DAS
satisfactory completion of the ***Digital Office Automation using Google Tools***
conducted by Computer Science Department of **Kamla Nehru Mahavidyalaya,Nagpur**
From 04/05/2021 to 04/21/2021
He/She Passed at the Examination in Grade A+

Aarti V.Gopani
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Wanjari Group of Institutions

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ***SHRADDHA VIJAYRAO KUKWAS***
satisfactory completion of the ***Digital Office Automation using Google Tools***
conducted by Computer Science Department of **Kamla Nehru Mahavidyalaya,Nagpur**
From *04/05/2021 to 04/21/2021*
He/She Passed at the Examination in Grade **A**

Aarti V.Gopani
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ASHWINI DILIP BHENDE
satisfactory completion of the ***Digital Office Automation using Google Tools***
conducted by ***Computer Science Department of*** **Kamla Nehru Mahavidyalaya,Nagpur**
From 04/05/2021 to 04/21/2021
He/She Passed at the Examination in Grade A

Aarti V.Gopani
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
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Kamla Nehru Mahavidyalaya

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Department of Computer Science

Value Added Course on "Digital Office Automation using Google Tools "

Report
(Session 2020-2021)

Aims:

Aims of a value-added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/Procedure:

The value added course **"Digital Office Automation using Google Tools"** was organized by the department of **Computer Science** for **MCM-I** from **4/5/2021 TO 21/4/2021**. Students taken actively part in the course of **Digital Office Automation using Google Tools** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost **15** students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field or interests.
2)Students got specialized knowledge or certifications that make them more attractive to employers or clients..
3) Students got knowledge about the skill development courses.
4) Students can explore to their passions and interests outside of their primary career or educational path.

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Kamla Nehru Mahavidyalaya

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Department of Computer Science

Certificate Course on "Value Added Course on "Digital Office Automation using Google Tools"



Resource person conducting Practical Session

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Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)
Date: 05/04/2021 to 21/04/2021
TOPIC: "COMPUTER NETWORKING"

Course Co-ordinator: Prof. Deepali U. Patil
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons	Patrons	Patrons	Organizer	Head of Dept.
Hon'ble Dr. Suhasini Wanjari President, Amar Sewa Mandal,Nagpur	Hon'ble Adv Abhijit Wanjarri MLC and Secretory, Amar Sewa Mandal Nagpur	Hon'ble Dr. Smeeta Wanjarri Treasurer, Amar Sewa Mandal, Nagpur	Dr. Dilip Badwaik Principal KNM, Nagpur	Dr. P. K. Butey Dept. of Computer Science KNM, Nagpur

To

The Principal

Kamla Nehru Mahavidyalaya,

Sakkardara, Nagpur.

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic **"Computer Networking"**, for this session 2020-2021 for all the students of **MCM II** course. The course will start from date **05-04-2021 to 21-04-2021** and will be run for the **30 Hrs.** including theory and Practical sessions.

So, please allow us to start the value added course from above said date. This is for your kind information and permission.

Thank you.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Syllabus of Value Added Course

on

" Computer Networking"

MCM-II

UNIT 1: Introduction of Networking:

Network applications, network hardware, network software, Reference models: OSI, TCP/IP, Internet, The public switched telephone Domain name space, DNS in internet, electronic mail, FTP, WWW, HTTP,SNMP, multi-media, network security, Connection oriented network - X.25,frame relay.

UNIT 2: Transmission Media:

Guided transmission media, wireless transmission THE DATA LINK LAYER: Design issues, error detection and correction, elementary data link protocols, Sliding window protocols, example data link protocols - ACCESS SUBLAYER: Channel allocations problem, multiple access protocols, Ethernet.

UNIT 3: THE NETWORK LAYER

Network layer design issues, routing algorithms, Congestion control algorithms Internetworking, . TCP/IP Networking ,Network Security Ensuring Integrity and Availability Network Management Ensuring Integrity and Availability Service.

UNIT 4:

THE TRANSPORT LAYER

Transport service, elements of transport protocol, Simple Transport Protocol, Internet transport layer protocols: UDP and TCP. THE APPLICATION LAYER: Domain name system, electronic mail, World Wide Web: architectural overview, dynamic web document and Simple Network Management Protocol, File Transfer Protocol, Simple Mail Transfer Protocol, Telnet.

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Sakkardara Square, Nagpur

DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-21

TEACHING PLAN FOR VALUE ADDED COURSE ON COMPUTER NETWORKING FOR MCM-II

Date : From Day 1 to Day 15

Lecture Timing (8:00 am to 10:00 am)

Sr. No.	Date	Time (Theory)	Topic /Sub Topics	Duration
1	Day-1	*8:00* am to 10:*00* am	Network applications, network hardware, network software, reference models: OSI, TCP/IP, Internet.	2 Hrs
2	Day-2	*8:00* am to 10:*00* am	The public switched telephone networks, mobile telephone system.	2 Hrs
3	Day-3	*8:00* am to 10:*00* am	Domain name space, DNS in internet, electronic mail, FTP, WWW, HTTP, SNMP, multi-media, network security	2 Hrs
4	Day-4	*8:00* am to 10:*00* am	Connection oriented network - X.25, frame relay. THE PHYSICAL LAYER: Theoretical basis for communication	2 Hrs
5	Day-5	*8:00* am to 10:*00* am	Guided transmission media, wireless transmission	2 Hrs
6	Day-6	*8:00* am to 10:*00* am	THE DATA LINK LAYER: Design issues, error detection and correction, elementary data link protocols	2 Hrs
7	Day-7	*8:00* am to 10:*00* am	Sliding window protocols, example data link protocols - HDLC, the data link layer in the internet.	2 Hrs
8	Day-8	*8:00* am to 10:*00* am	THE MEDIUM ACCESS SUBLAYER: Channel allocations problem, multiple access protocols, Ethernet	2 Hrs
9	Day-9	*8:00* am to 10:*00* am	THE NETWORK LAYER: Network layer design issues, routing algorithms, Congestion control algorithms	2 Hrs

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10	Day-10	*8:00* am to 10*:00* am	Internetworking, the network layer in the internet (IPv4 and IPv6), Quality of Service.	2 Hrs
11	Day-11	*8:00* am to 10*:00* am	Network Operating Systems Voice and Video Over IP In-Depth TCP/IP Networking	2 Hrs
12	Day-12	*8:00* am to 10*:00* am	Network Security Ensuring Integrity and Availability Network Management Ensuring Integrity and Availability	2 Hrs
13	Day-13	*8:00* am to 10*:00* am	THE TRANSPORT LAYER: Transport service, elements of transport protocol, Simple Transport Protocol, Internet transport layer protocols: UDP and TCP.	2 Hrs
14	Day-14	*8:00* am to 10*:00* am	THE APPLICATION LAYER: Domain name system, electronic mail, World Wide Web: architectural overview, dynamic web document and http.	2 Hrs
15	Day-15	*8:00* am to 10*:00* am	APPLICATION LAYER PROTOCOLS: Simple Network Management Protocol, File Transfer Protocol, Simple Mail Transfer Protocol, Telnet.	2 Hrs
Total				**30 Hrs**

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NAME OF THE COLLEGE : Kamla Nehru Mahavidyalaya, Nagpur

NAME OF COURSE - Value Added Course on " COMPUTER NETWORKING"

SESSION YEAR - 2020-2021

MCM II STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	04-05-21	04-06-21	04-07-21	04-08-21	04-09-21	04-10-21	04-12-21	13-04-21	14-04-21	15-04-21	16-04-21	17-04-21	19-04-21	20-04-21	21-04-21
1	ANISHA DILIPRAO WANKHEDE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
2	ASHLESHA TARACHAND BINZALEKAR	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
3	MRUNALINI SHYAMRAO SHENDE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
4	PRATIKSHA SANJAY RAUT	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
5	PRIYA SHYAM BAWARE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
6	RAKSHANDA VIJAY GHODMARE	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
7	SHITAL AVINASH BANABAKODE	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P

PRINCIPAL
Kamla Nehru [illegible]va,
Sakkardara Chowk, [illegible]

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ANISHA DILIPRAO WANKHEDE
satisfactory completion of the "Computer Networking"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 05-04-2021 to 21-04-2021
He/She Passed at the Examination in Grade A+

Prof. Deepali U. Patil
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Wanjari Group of Institutions

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ASHLESHA TARACHAND BINZALEKAR
satisfactory completion of the " Computer Networking"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 05-04-2021 to 21-04-2021
He/She Passed at the Examination in Grade A

Prof. Deepali U. Patil
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Wanjari Group of Institutions

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ***PRIYA SHYAM BAWARE***
satisfactory completion of the ***" Computer Networking"***
conducted by Computer Science Department of **Kamla Nehru Mahavidyalaya,Nagpur**
From 05-04-2021 to 21-04-2021
He/She Passed at the Examination in Grade A

Prof. Deepali U. Patil
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ***PRATIKSHA SANJAY RAUT***
satisfactory completion of the ***" Computer Networking"***
conducted by Computer Science Department of **Kamla Nehru Mahavidyalaya,Nagpur**
From ***05-04-2021 to 21-04-2021***
He/She Passed at the Examination in Grade A+

Prof. Deepali U. Patil
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
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Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Wanjari Group of Institutions

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ***RAKSHANDA VIJAY GHODMARE***
satisfactory completion of the ***" Computer Networking"***
conducted by Computer Science Department of **Kamla Nehru Mahavidyalaya,Nagpur**
From ***05-04-2021 to 21-04-2021***
He/She Passed at the Examination in Grade A+

Prof. Deepali U. Patil
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Course on "Computer Networking"

Report
(Session 2020- 2021)

Aims:

Aims of a value added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To encourage lifelong learning and the acquisition of new skills, promoting a growth mindset and adaptability in an ever-changing world.
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/Procedure:

The value added course **"Computer Networking"** was organized by the department of **Computer Science** for **MCM II** from **05-04-2021 to 21-04-2021**. Students taken actively part in this course and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost 07 students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field
2) Students got specialized knowledge or certifications that make them more attractive to employers or clients..
3) Students got knowledge about the skill development courses.
4) Students can explore to their passions and interests outside of their primary career or educational path.

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Sakkardara Chowk, Nagpur.

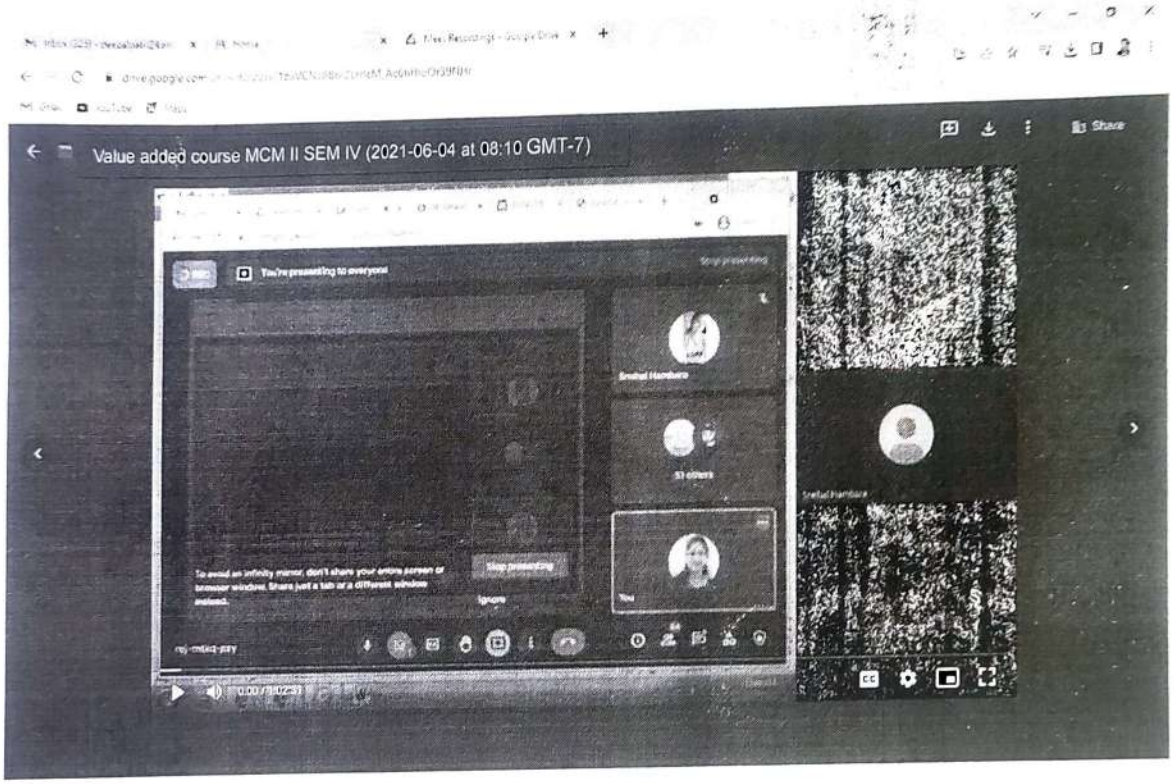
Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Session 2020-2021

Value added Certificate Course on "Computer Networking"



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Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

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Amar Sewa Mandal's

Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)
Date: 01/02/2021 to 21/02/2021
TOPIC: " DATA WAREHOUSING"

Course Co-ordinator: Prof. Nandini R. Mungmode
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons	Patrons	Patrons	Organizer	Head of Dept.
Hon'ble Dr. Suhasini Wanjari President, Amar Sewa Mandal,Nagpur	Hon'ble Adv Abhijit Wanjarri MLC and Secretory, Amar Sewa Mandal Nagpur	Hon'ble Dr. Smeeta Wanjarri Treasurer, Amar Sewa Mandal, Nagpur	Dr. Dilip Badwaik Principal KNM, Nagpur	Dr. P. K. Butey Dept. of Computer Science KNM, Nagpur

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To

The Principal

Kamla Nehru Mahavidyalaya,

Sakkardara, Nagpur.

Subject: About permission for conducting Value Added Course by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic " **Data Warehousing**", for this session **2020-2021** for all the students of **MSc-I** course. The course will start from 01/02/2021 to 21/02/2021 and will be run for the **30 Hrs.** including theory and Practical sessions.

So, please allow us to start the value added course from above said date.

This is for your kind information and permission.

Thank you.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

MSc-I

Syllabus of Value Aided Course

On

Data Warehousing

UNIT – I :

Introduction to Data Warehousing: Data Warehouse Architectural Strategies, Data Content, Building a Data Warehouse, Performance Considerations, Crucial Decisions in Designing a Data Warehouse, Different Case Studies.

Various Technological Considerations: OLTP and OLAP Systems, Data Modeling, Managed Query Environment (MQE).

UNIT – II :

(Data Mart and Data Mining Tools) Data Mart: Data Mart, Type of Data Mart, Loading a Data Mart, Metadata for a Data Mart, Data Model for a Data Mart,

Data Mining and Tools:

Introduction, From Data Warehouse to Data Mining, Steps of Data Mining, Data Mining Algorithm, Database Segmentation, Predictive Modeling, Link Analysis, Tools for Data Mining.

UNIT – III :

(SQL Server, Components and Queries) SQL Server Architecture: SQL Server Data Storage Architecture, The Data Engine, System Databases.

SQL Components: SQL"s Basic Object, Data Types, Transact-SQL Functions, Scalar OperatorsQueries, Modification of Table Contents, Stored Procedures and User-Defined Functions, Views.

UNIT – IV :

(Data Integrity, User Security and Concurrency Control) Managing Data Integrity: Data Integrity Controls, Working with Constraints, DML Triggers. Principles and Authentication, Implementing Permission in SQL Server.

Backup and Concurrency Control: Transaction Architecture, Locking, Backup Types, n, Using Transaction Logs, Using Triggers, Replication Methods

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DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-21

TEACHING PLAN FOR VALUE ADDED

Date : From Day 1 to Day 15

Theory Timing (07: 45 a.m to 9:45 a.m)

Sr. No.	Date	Time (Theory & Practical)	Topic /Sub Topics	Duration
1	Day-1	*7:45* am to *9:45* am	Introduction to Data Warehousing: Characteristics of a Data Warehouse, Data Warehouse Architectural Strategies	2 Hrs
2	Day-2	*7:45* am to *9:45* am	Design Considerations, Data Content, Building a Data Warehouse, Metadata, Tools for Data Warehousing, Performance Considerations	2 Hrs
3	Day-3	*7:45* am to *9:45* am	Crucial Decisions in Designing a Data Warehouse, Different Case Studies. Various Technological	2 Hrs
4	Day-4	*7:45* am to *9:45* am	Considerations: OLTP and OLAP Systems, Data Modeling, Managed Query Environment (MQE).	2 Hrs
5	Day-5	*7:45* am to *9:45* am	Data Mart: Data Mart, Type of Data Mart, Loading a Data Mart, Metadata for a Dat Mart, Data Model for a Data Mart, Software Component for a Data Mart, Tables in Data Mart, Security in Data	2 Hrs
6	Day-6	*7:45* am to *9:45* am	Data Mining and Tools: Introduction, From Data Warehouse to Data Mining, Steps of Data Mining, Data Mining Algorithm	2 Hrs
7	Day-7	*7:45* am to *9:45* am	Database Segmentation, Predictive Modeling, Link Analysis, Tools for Data Mining	2 Hrs
8	Day-8	*7:45* am to *9:45* am	SQL Server Architecture: SQL Server Data Storage Architecture, The Data Engine, System Databases.	2 Hrs
9	Day-9	*7:45* am to *9:45* am	OOP's Concept, Data Types Variables, Operators,Control Statement ,Looping Statement Basic Programs	2 Hrs
10	Day-10	*7:45* am to *9:45* am	SQL Components: SQL"s Basic Object, Data Types, Transact-SQL Functions, Scalar Operators, Null Values.	2 Hrs

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11	Day-11	*7:45* am to *9:45* am	Install android studio & IDE Setup	2 Hrs
12	Day-12	*7:45* am to *9:45* am	What is Android, Android Architecture , Activity Life Cycle Basic of widgets and XML (Extensible Markup Language) Layout , Containers	2 Hrs
13	Day-13	*7:45* am to *9:45* am	Implementation of 3rd party library	2 Hrs
14	Day-14	*7:45* am to *9:45* am	Class and object, Android Fragment, Interfaces, Adapter Modal, SQLite Database API Integration, Firebase integration	2 Hrs
15	Day-15	*7:45* am to *9:45* am	Live Project Demonstration	2 Hrs
TOTAL				**30 Hrs**

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NAME OF THE COLLEGE : Kamla Nehru Mahavidyalaya, Nagpur

NAME OF COURSE - Certificate Course on "Data Werehousing"

SESSION YEAR - 2020-21

STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	01-02-21	02-02-21	04-02-21	05-02-21	06-02-21	07-02-21	08-02-21	09-02-21	11-02-21	12-02-21	13-02-21	19/4/23	20/4/23	21/4/23	24-4-2021	14-02-21	15-02-21	16-02-21	18-02-21	19-02-21	20-02-21	21-02-21
1	AACHAL YOGESH THAKUR	P	P	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P
2	AKASH VISHNU SATHAWANE	P	P	A	P	P	A	P	P	P	A	P	P	P	P	A	P	F	P	P	A	P	P
3	ANAMIKA VINOD BHAGAT	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P
4	ANJALI KRUSHNAJI MATE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
5	DISHANKI RAVINDRA WAGH	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
6	JANHAVI LEKHANDAS KITUKALE	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P	A	P	P	A	P	P
7	KAJAL SANJAY JAISWAL	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	KALYANI SUNDER PURI	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
9	MRUNALI ASHOK NIKURE	P	P	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
10	NIDHI RAJU VAIDYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
11	NIKITA VINOD KHANORKAR	P	P	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P	P	P	A	P
12	NIRJAR PRADIPRAO LOHAKARE	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P
13	PANKAJ NILKANTH PARDHI	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P
14	PANKAJ RAJHANS MESHRAM	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	POONAM RAJENDRA BOBADE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
16	RAGINI DESHRAJ SUKHADEVE	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
17	RAKESH MAHADEO UIKEY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	RAKSHA MARTANDRAO SHINDE	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	A	P
19	RIYA JIWAN DOIFODE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P
20	SAMIKSHA RAJENDRA BHUJADE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
21	SANSKRUTI VILAS KATEKHAYE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	SARANGI RAJESH BHUJADE	P	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
23	SHIWANI GOPAL MESAWAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
24	SUVARNA UDAY KHATI	P	A	P	P	P	P	A	P	P	P	A	P	P	A	A	P	P	P	P	P	A	P
25	UTKARSHA RAVINDRA MENE	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
Re-accredited by NAAC with A+ grade(CGPA 3.53)
Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms AACHAL YOGESH THAKUR
satisfactory completion of the "Data warehousing"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 21/02/2021
He/She Passed at the Examination in Grade A++

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

MS. Nandini R. Mungmode
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ANAMIKA VINOD BHAGAT
satisfactory completion of the "Data warehousing"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 21/02/2021
He/She Passed at the Examination in Grade A+

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Square, Nagpur.

Ms. Nandini R. Mungmode
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Re-accredited by NAAC with A+ grade(CGPA 3.53)
Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms ***NIKITA VINOD KHANORKAR***
satisfactory completion of the ***"Data warehousing"***
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From ***21/02/2021***
He/She Passed at the Examination in Grade ***A+***

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur

MS. Nandini R. Mungmode
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
Re-accredited by NAAC with A+ grade(CGPA 3.53)
Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms RAKESH MAHADEO UIKEY
satisfactory completion of the "Data warehousing"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 21/02/2021
He/She Passed at the Examination in Grade A

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

MS. Nandini R. Mungmode
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
Re-accredited by NAAC with A+ grade(CGPA 3.53)
Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms SAMIKSHA RAJENDRA BHUJADE
satisfactory completion of the "Data warehousing"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 21/02/2021
He/She Passed at the Examination in Grade O

Kamla Nehru Mahavidyalaya, Sakkardara Chowk, Nagpur.

MS. Nandini R. Mungmode
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Course on "Data Warehousing"

Report
(Session 2020- 2021)

Aim:

Aims of a value added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/procedure:

The value added course on **Data Warehousing** was organized by the department of **Computer Science** for **MSC-I** from **01/02/2021 TO 21/02/2021** Students taken actively part in the course of **Data Warehousing** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost **25** students participated in the course successfully.

Outcome:

1) Students gained basic knowledge of Work Place Development.
2) They understood need of the Work Place Development and various practical knowledge used in it.
3) Students got knowledge about the skill development courses.
4) It is directly related to their syllabus curriculum.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Session 2020-2021

Value added Certificate Course on " Data Warehousing "



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Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Wanjari Group of Institutions

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

Re-accredited by NAAC with (A+) grade (CGPA 3.53)

Amar Sewa Mandal's

Department of Computer Science
Organizing
Value Added Course 2020-2021

Course Highlight

VALUE ADDED COURSE (30hrs.)
Date: 01/02/2021 to 5/03/2021
TOPIC: "DATA SCIENCE"

Course Co-ordinator: Prof. Aruna Chamatkar
Department of Computer Science
Kamla Nehru Mahavidyalaya, Nagpur

Patrons
Hon'ble Dr. Suhasini
Wanjari President,
Amar Sewa
Mandal,Nagpur

Patrons
Hon'ble Adv Abhijit Wanjarri
MLC and Secretory,
Amar Sewa Mandal Nagpur

Patrons
Hon'ble Dr. Smeeta Wanjarri
Treasurer,
Amar Sewa Mandal, Nagpur

Organizer
Dr. Dilip Badwaik
Principal
KNM, Nagpur

Head of Dept.
Dr. P. K. Butey
Dept. of Computer Science
KNM, Nagpur

MSc (Comp. Sc.)-II

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To

The Principal

Kamal Nehru Mahavidyalaya,

Sakkardara, Nagpur.

Subject: About permission for conducting Value Added Course by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic "**Data SCIENCE**", for this session **2020-2021** for all the students of **MSc-II** course. The course will start from **13/02/2021** to **05/03/2021** and will be run for the **30Hrs.** including theory and Practical sessions.

So, please allow us to start the value added course from above said date.

This is for your kind information and permission.

Thank you.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

MSC-II
Syllabus of Value Added Course
On
Data SCIENCE

Module-I

- Course overview and introduction to data science and Python
- Basic python programming
- Introduction to Numpy
- Introduction to Pandas and data-frames

Module-II

- Object-oriented programming and automation
- Data loading, cleaning, summarization
- Data aggregation and transformation
- Data visualization

Module -III

- Review of basics statistics
- Statistical and exploratory data analysis and outlier detection
- Linear Algebra Review

Module -IV

- Linear and Logistic Regression
- Feature Selection
- Data Ethics
- Project presentations

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Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-21

TEACHING PLAN FOR VALUE ADDED

Date : From Day 1 to Day 15

Theory Timing (08:00 am to 09:00 am) practical timing(09:00 am to 10.30)

Sr. No.	Date	Time (Theory & Practical)	Topic /Sub Topics	Duration
1	Day-1	*08: 00*am to *10:30* am	Introduction to Data Warehousing: Characteristics of a Data Warehouse, Data Warehouse Architectural Strategies	2.30 Hrs
2	Day-2	*08: 00*am to *10:30* am	Design Considerations, Data Content, Building a Data Warehouse, Metadata, Tools for Data Warehousing, Performance Considerations	2.30 Hrs
3	Day-3	*08: 00*am to *10:30* am	Crucial Decisions in Designing a Data Warehouse, Different Case Studies. Various Technological	2.30 Hrs
4	Day-4	*08: 00*am to *10:30* am	Considerations: OLTP and OLAP Systems, Data Modeling, Managed Query Environment (MQE).	2.30 Hrs
5	Day-5	*08: 00*am to *10:30* am	Data Mart: Data Mart, Type of Data Mart, Loading a Data Mart, Metadata for a Dat Mart, Data Model for a Data Mart, Software Component for a Data Mart, Tables in Data Mart, Security in Data	2.30 Hrs
6	Day-6	*08: 00*am to *10:30* am	Data Mining and Tools: Introduction, From Data Warehouse to Data Mining, Steps of Data Mining, Data Mining Algorithm	2.30 Hrs
7	Day-7	*08: 00*am to *10:30* am	Database Segmentation, Predictive Modeling, Link Analysis, Tools for Data Mining	2.30 Hrs
8	Day-8	*08: 00*am to *10:30* am	SQL Server Architecture: SQL Server Data Storage Architecture, The Data Engine, System Databases.	2.30 Hrs
9	Day-9	*08: 00*am to *10:30* am	OOP's Concept, Data Types Variables, Operators,Control Statement ,Looping Statement Basic Programs	2.30 Hrs
10	Day-10	*08: 00*am to *10:30* am	SQL Components: SQL"s Basic Object, Data Types, Transact-SQL Functions, Scalar Operators, Null Values.	2.30 Hrs

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11	Day-11	*08: 00*am to *10:30* am	Install android studio & IDE Setup	2.30 Hrs
12	Day-12	*08: 00*am to *10:30* am	What is Android, Android Architecture , Activity Life Cycle Basic of widgets and XML (Extensible Markup Language) Layout , Containers	2.30 Hrs
13	Day-13	*08: 00*am to *10:30* am	Implementation of 3rd party library	2.30 Hrs
14	Day-14	*08: 00*am to *10:30* am	Class and object, Android Fragment, Interfaces, Adapter Modal, SQLite Database API Integration, Firebase integration	2.30 Hrs
15	Day-15	*08: 00*am to *10:30* am	Live Project Demonstration	2.30 Hrs
TOTAL				**30Hrs**

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

NAME OF THE COLLEGE : Kamla Nehru Mahavidyalaya, Nagpur

NAME OF COURSE - Certificate Course on "Data Science"

SESSION YEAR - 2020-21

STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	02/12/2021	14/02/2021	15/02/2021	16/02/2021	17/02/2021	18/02/2021	19/02/2021	21/02/2021	22/02/2021	23/02/2021	24/02/2021	25/02/2021	26/02/2021	27/02/2021	28/02/2021	01/03/2021	02/03/2021	03/03/2021	04/03/2021	05/03/2021	06/03/2021	07/03/2021	08/03/2021	09/03/2021	10/03/2021	11/03/2021	12/03/2021	13/03/2021	14/03/2021
1	AACHAL YOGESH THAKUR	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	AKASH VISHNU SATHAWANE	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	ANAMIKA VINOD BHAGAT	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	ANJALI KRUSHNAJI MATE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	DISHANKI RAVINDRA WAGH	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	JANHAVI LEKHANDAS KITUKALE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	KAJAL SANJAY JAISWAL	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	KALYANI SUNDER PURI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	MRUNAL ASHOK NIKURE	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	NIDHI RAJU VAIDYA	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	NIKITA VINOD KHANORKAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	NIRJAR PRADIPRAO LOHAKARE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	PANKAJ NILKANTH PARDHI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	PANKAJ RAJHANS MESHRAM	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	POONAM RAJENDRA BOBADE	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	RAGINI DESHRAJ SUKHADEVE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	RAKESH MAHADEO UIKEY	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	RAKSHA MARTANDRAO SHINDE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	RIYA JIWAN DOIFODE	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	SAMIKSHA RAJENDRA BHUJADE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	SANSKRUTI VILAS KATEKHAYE	P	P	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	SARANGI RAJESH BHUJADE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	SHIWANI GOPAL MESAWAT	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	SUVARNA UDAY KHATI	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	UTKARSHA RAVINDRA MENE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Aishwarya Madhukare Rathod
satisfactory completion of the "Data Science"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 13/02/21 *to* 05/03/21
He/She Passed at the Examination in Grade A++

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Kajal Hemraj Paeshuramkar
satisfactory completion of the "Data Science"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 13/02/21 *to* 05/03/21
He/She Passed at the Examination in Grade A

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Manjusha Gangadhar Randhi
satisfactory completion of the "Data Science"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 13/02/21 *to* 05/03/21
He/She Passed at the Examination in Grade O

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Kalyani Suraj Bhure
satisfactory completion of the "Data Science"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 13/02/21 *to* 05/03/21
He/She Passed at the Examination in Grade A++

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Deepk Shirish Triphathi
satisfactory completion of the "Data Science"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 13/02/21 to 05/03/21
He/She Passed at the Examination in Grade A

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Course on "Data SCIENCE"

Report
(Session 2020- 2021)

Aim:

Aims of a value added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/procedure:

The value added course on **Data SCIENCE** was organized by the department of **Computer Science** for **MSC-II** from **12/02/2021 TO 05/03/2021** Students taken actively part in the course of **Data SCIENCE** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost **26** students participated in the course successfully.

Outcome:

1) Students gained basic knowledge of Work Place Development.
2) They understood need of the Work Place Development and various practical knowledge used in it.
3) Students got knowledge about the skill development courses.
4) It is directly related to their syllabus curriculum.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Certificate Course on "Data Science"

2020-2021



PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

To

The Principal

Kamla Nehru Mahavidyalaya,

Sakkardara, Nagpur.

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic **"IOT"**, for this session **2020-21** for all the students of **MCA-II** course. The course will start from date **01/02/2021** to **17/02/2021** and will be run for the **30 Hrs.** , including theory and Practical sessions.

So, please allow us to start the value added course from above said date. This is for your kind information and permission.

Thank you.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

MCA II

Syllabus of Value Added Course
On
Certificate Course On IOT

1. Introduction to IOT

- Understanding IoT fundamentals
- IOT Architecture and protocols
- Various Platforms for IoT
- Real time Examples of IoT
- Overview of IoT components and IoT Communication Technologies
- Challenges in IOT

2. Arduino Simulation Environment

- Arduino Uno Architecture
- Setup the IDE, Writing Arduino Software
- Arduino Libraries
- Basics of Embedded C programming for Arduino
- Interfacing Arduino with LCD

3. Sensor & Actuators with Arduino

- Overview of Sensors working
- Analog and Digital Sensors
- Interfacing of Temperature, Humidity, Motion, Light and Gas Sensor with Arduino
- Interfacing of Actuators with Arduino.
- Interfacing of Relay Switch and Servo Motor with Arduino

4. Basic Networking with ESP8266 WiFi module

- Basics of Wireless Networking
- Introduction to ESP8266 Wi-Fi Module
- Various Wi-Fi library
- Web server- introduction, installation, configuration
- Posting sensor(s) data to web server

5. IoT Protocols

- M2M vs. IOT
- Communication Protocols

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya

[MCA &MBA Programme]

DEPARTMENT OF MCA

Academic Session 2020-2021

TEACHING PLAN

VALUE ADDED COURSEON "IOT" FOR MCA II

Date : (01/02/2021 to 17/02/2021) 15 days Programs

Theory Timing 8:00 a.m to 09:00 a.m

Practical Timing (9:00 a.m to 10:00 a.m)

Sr. No.	Date	Topic /Sub Topics	Duration (8:00 a.m to 10:00 a.m)
1	Day-1	Introduction to IoT fundamentals , IOT Architecture and protocols	2:00 Hrs
2	Day-2	Various Platforms for IoT, Real time Examples of IoT	2:00 Hrs
3	Day-3	Overview of IoT components and IoT Communication Technologies ,Challenges in IOT	2:00 Hrs
4	Day-4	Arduino Simulation Environment, Arduino Uno Architecture	2:00 Hrs
5	Day-5	Setup the IDE, Writing Arduino Software,Arduino Libraries	2:00 Hrs
6	Day-6	Basics of Embedded C programming for Arduino	2:00 Hrs
7	Day-7	Interfacing Arduino with LCD ,Sensor & Actuators with Arduino,Overview of Sensors working	2:00 Hrs
8	Day-8	Analog and Digital Sensors ,Interfacing of Temperature	2:00 Hrs
9	Day-9	Humidity, Motion, Light and Gas Sensor	2:00 Hrs

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Sakkardara Chowk, Nagpur.

10	Day-10	Interfacing of Actuators with Arduino. Interfacing of Relay Switch and Servo Motor with Arduino	2:00 Hrs
11	Day-11	Basic Networking with ESP8266 WiFi module	2:00 Hrs
12	Day-12	Basics of Wireless Networking, Introduction to ESP8266 Wi-Fi Module Various Wi-Fi library	2:00 Hrs
13	Day-13	Web server- introduction, installation, configuration	2:00 Hrs
14	Day-14	Posting sensor(s) data to web server,IoT Protocols	2:00 Hrs
15	Day-15	M2M vs. IOT,Communication Protocols	2:00 Hrs
Total Theory and Practical's :			**30 Hrs**

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Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya, Nagpur

NAME OF COURSE - Value Added Course on "IOT"

SESSION YEAR - 2020-2021

MCA-II STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	01/01/2021	02/02/2021	03/02/2021	04/02/2021	05/02/2021	06/02/2021	08/02/2021	09/02/2021	10/02/2021	11/02/2021	12/02/2021	13/02/2021	15/02/2021	16/02/2021	17/02/2021
1	BINDU M. BADOLE	P	P	P	P	P	P	P	P	P	P	AB	P	P	P	P
2	KANCHAN K. SALAME	P	P	P	P	P	P	P	P	AB	P	P	P	P	P	P
3	NIKITA H. BORKAR	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P
4	SACHIN S. MISHRA	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P
5	SARIKA N. MANKAR	P	P	P	P	P	P	P	AB	P	P	P	P	P	P	P

PRINCIPAL
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Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Bindu M. Badole
satisfactory completion of the "IOT"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/02/21 *to* 17/02/21
He/She Passed at the Examination in Grade A

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

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Wardhaman Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Kanchan K. Salame
satisfactory completion of the "IOT"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/02/21 *to* 17/02/21
He/She Passed at the Examination in Grade A+

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
Re-accredited by NAAC with A+ grade(CGPA 3.53)

Wanjari Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Nikita H. Borkar
satisfactory completion of the "IOT"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/02/21 *to* 17/02/21
He/She Passed at the Examination in Grade A++

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

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Department of Computer Science

Wanjari Group of Institutions

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Sachin S. Mishra
satisfactory completion of the "IOT"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/02/21 to 17/02/21
He/She Passed at the Examination in Grade A++

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

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Wergen Group of Institutions

Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Sarika N. Mankar
satisfactory completion of the "IOT"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 01/02/21 *to* 17/02/21
He/She Passed at the Examination in Grade O

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Course on "IOT"

Report

(Session 2020-21)

Aims:

Aims of a value-added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/Procedure:

The value added course **"IOT"** was organized by the department of Computer **Science** for **MCA-II** from **01/02/2021 to 17/02/21**. Students taken actively part in the course of **IOT** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost **5** students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field or interests.
2) Students got specialized knowledge or certifications that make them more attractive to employers or clients..
3) Students got knowledge about the skill development courses.
4) Students can explore to their passions and interests outside of their primary career or educational path.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

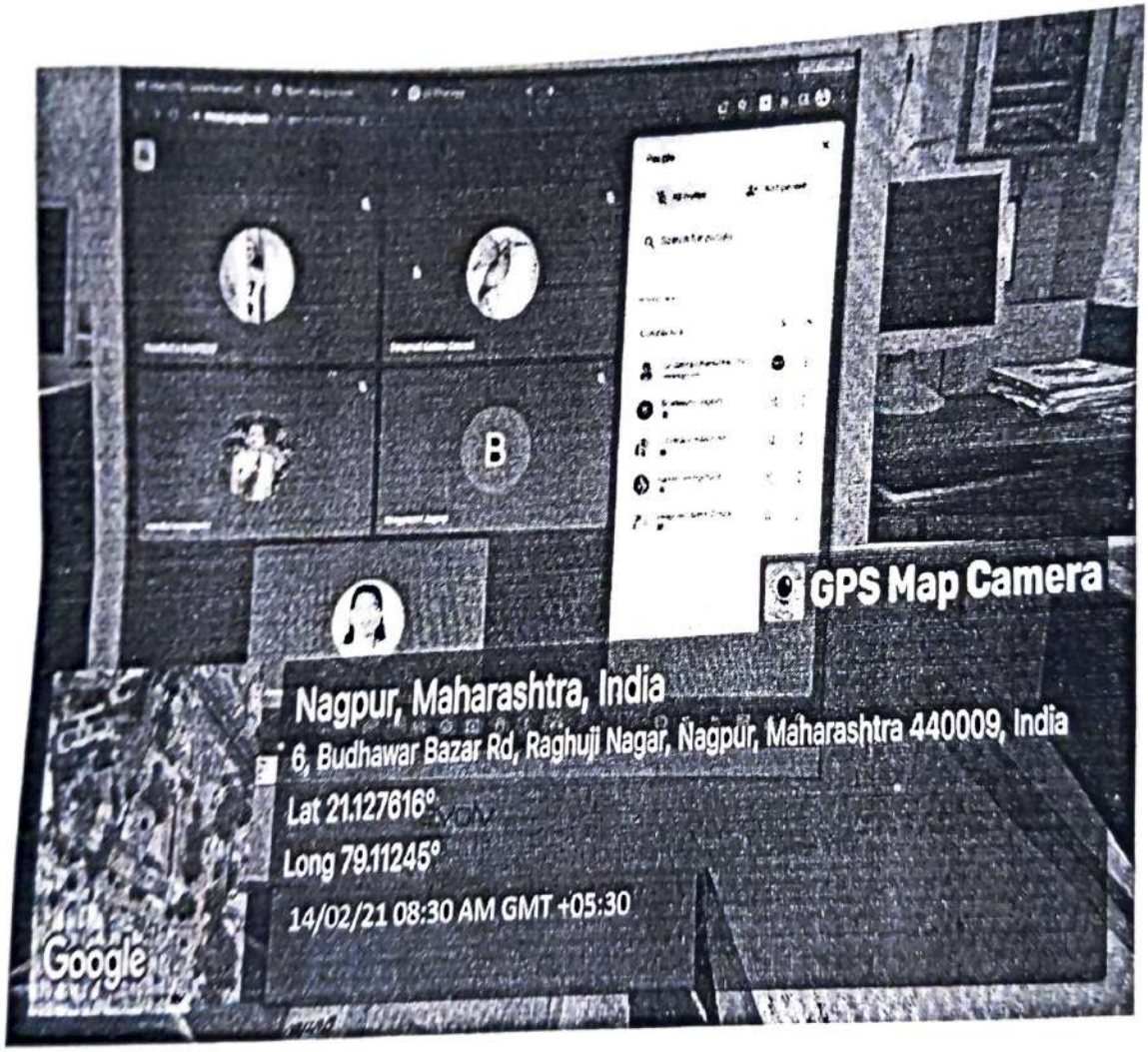
Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Master of Computer Application

Value added Certificate Course on " IOT "

Session 2020-2021



PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

To

The Principal

Kamla Nehru Mahavidyalaya.

Sakkardara Nagpur

Subject: About permission for conducting **Value Added Course** by Department of Computer Science

Respected Sir,

As per the subject cited above, Department of Computer Science wants to start the value added course on topic **"Cyber Security"**, for this session **2020-21** for all the students of **MCA-I** course. The course will start from date **02/02/2021 to 23/02/2021** and will be run for the **30 Hrs.** including theory and Practical sessions.

So, please allow us to start the value added course from above said date. This is for your kind information and permission.

Thank you.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

MCA-I
Syllabus Of Value Added Course
On
Cyber Security

Module 1:

Defining Cyberspace , Architecture of cyberspace, Communication and web technology, Internet, World wide web, Advent of internet, Internet infrastructure for data transfer and governance, Internet society, Regulation of cyberspace, Concept of cyber security, Issues and challenges of cyber security.

Module 2:

Apply and evaluate the cyber security needs of an organization.

Determine and analyze software vulnerabilities and security solutions to reduce the risk of exploitation.

Module 3:

Evaluate cyber security solutions and use of cyber security, information assurance, and cyber/computer forensics software/tools

Design and develop security architecture for an organization.

Module 4:

Design operational and strategic cyber security strategies and policies.

Introduction to Cyber Crime Investigation Firewalls and Packet Filters, Cyber-crime and offences, Organizations dealing with Cyber-crime and Cyber security in India, Case studies

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Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

DEPARTMENT OF COMPUTER SCIENCE

Academic Session 2020-21

TEACHING PLAN FOR VALUE ADDED

Date : From Day 1 to Day 15

Theory Timing (07: 45 a.m to 9:45 a.m)

Sr. No.	Date	Time (Theory & Practical)	Topic /Sub Topics	Duration
1	Day-1	*7:45* am to *9:45* am	Defining Cyberspace , Architecture of cyberspace, Communication and web technology	2 Hrs
2	Day-2	*7:45* am to *9:45* am	Internet, World wide web, Advent of internet, Internet infrastructure for data transfer and governance	2 Hrs
3	Day-3	*7:45* am to *9:45* am	Internet society, Regulation of cyberspace	2 Hrs
4	Day-4	*7:45* am to *9:45* am	Concept of cyber security, Issues and challenges of cyber security.	2 Hrs
5	Day-5	*7:45* am to *9:45* am	Apply and evaluate the cyber security needs of an organization.	2 Hrs
6	Day-6	*7:45* am to *9:45* am	Determine and analyze software vulnerabilities and security solutions to reduce the risk of exploitation.	2 Hrs
7	Day-7	*7:45* am to *9:45* am	Evaluate cyber security solutions and use of cyber security	2 Hrs
8	Day-8	*7:45* am to *9:45* am	information assurance, and cyber/computer forensics software/tools	2 Hrs
9	Day-9	*7:45* am to *9:45* am	Design and develop security architecture for an organization	2 Hrs
10	Day-10	*7:45* am to *9:45* am	Design operational and strategic cyber security strategies and policies.	2 Hrs

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1	Day-11	7:45 am to 9:45 am	Introduction to Cyber Crime Investigation Firewalls and Packet Filters	2 Hr.
12	Day-12	7:45 am to 9:45 am	Cyber crime and offences	2 Hrs
13	Day-13	7:45 am to 9:45 am	Organizations dealing with Cyber crime	2 Hrs
14	Day-14	7:45 am to 9:45 am	Cyber security in India	2 Hrs
15	Day-15	7:45 am to 9:45 am	Case studies	2 Hrs
			TOTAL	30 Hrs

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NAME OF COURSE - Value Added Course on " Cyber Security"

SESSION YEAR - 2020-2021

MCA-I STUDENT ATTENDANCE SHEET

Duration :- 15 Days (30 Hrs)

Sr. No.	Name of Student	2/2/2022	2/3/2022	2/4/2022	2/7/2022	2/8/2022	2/9/2022	2/10/2022	2/11/2022	2/12/2022	2/14/2022	2/15/2022	2/16/2022	2/17/2022	2/18/2022	2/19/2022	2/22/2022	
1	ABHISHEK S DONODE	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	AISHWARYA D BHOYAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	AISHWARYA K HIWARKAR	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P
4	AKANKSHA P GOUR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	AKSHAY V SHINDE	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P
6	ANKISHA Y. PIPARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	ANKITA S VERMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	APURVA M LOKHANDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	ASMITA M. GAIKWAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	CHETANA M BHANARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	CHETNA S SAXENA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	DAMINI S NISHANE	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P
13	DATTATRAY B KUKADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	DIPTI A MALEWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	GANESH A ADKINE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	GANESH D SANODIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	GAURAV D THAKARE	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	HARSHAL N O SAWARKAR	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P
19	JAGRUTI A RAHANGDALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	KAVERI A KALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	KIRAN D DAF	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	KRUTIKA S DHOTE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	MANOJ D KHADASE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	MOHNISH M MAHAKALKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	MONIKA B DHANKUTE	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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| | | |

59	SHUBHAM N. SHRIVASTAVA	P	P	P	P	P	P	P	P	P	P	P	P	P	P			P	P		P
60	SHWETA J. PALLEWAR	P	P	P	AB	P	P	P	P	P	AB	P	P	P	P	P	P	P		P	P
61	SMITA J. PATIL	P	P	P	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P
62	SUMIT V. SELOKAR	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
63	SUPRIYA M. BOPCHE	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
64	TEJASWINI D. DHOPEKAR	P	P	P	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P
65	VAIBHAV S. WASNIK	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
66	VIKKEE N. PATLE	P	P	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P
67	YASH U. JAYAWANT	P	P	P	AB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Apurva M. Lokhande
satisfactory completion of the "Cyber Security"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 02/02/21 *to* 23/02/21
He/She Passed at the Examination in Grade A

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Gaurav D. Thakare
satisfactory completion of the "Cyber Security"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 02/02/21 *to* 23/02/21
He/She Passed at the Examination in Grade A

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya,Nagpur

Sakkardara Square,Nagpur-24
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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Prachi K. Suryawanshi
satisfactory completion of the "Cyber Security"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 02/02/21 *to* 23/02/21
He/She Passed at the Examination in Grade A

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Sagar B. Bhoyar
satisfactory completion of the "Cyber Security"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 02/02/21 *to* 23/02/21
He/She Passed at the Examination in Grade A

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

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Department of Computer Science

Value Added Certificate Course

Certificate of Participation

Award this Certificate to Mr/Ms Vaishnav A. Meshram
satisfactory completion of the "Cyber Security"
conducted by Computer Science Department of Kamla Nehru Mahavidyalaya,Nagpur
From 02/02/21 *to* 23/02/21
He/She Passed at the Examination in Grade A

Dr. Aruna J. chamtakar
Course Coordinator
Kamla Nehru Mahavidyalaya,Nagpur

Dr.Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Kamal Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Computer Science

Value Added Course on "Cyber Security"

Report

(Session 2020-21)

Aims:

Aims of a value-added course is to facilitate the development and enhancement of specific skills, knowledge, or competencies that are valuable in a particular field or context.

Value-added courses aim to enhance the skills and competencies of participants, helping them acquire new knowledge and abilities that are relevant to their field or interests.

Objectives:

1) To provide basic knowledge of Course
2) To qualific that can be valuable in a professional context
3) To learn the new technologies coming in the field of skill development.
4) To provide industry-specific knowledge and insights, helping participants stay up-to-date with the latest trends and technologies in their field.

Nature of Activity/Procedure:

The value added course "**Cyber Security**" was organized by the department of **Computer Science** for **MCA-I** from **02/02/2021 to 23/02/21**. Students taken actively part in the course of **Cyber Security** and also learn the new technologies coming in the field of skill development courses. Students learn and develop projects and also interact with faculties of department.

Almost 63 students participated in the course successfully.

Outcome:

1) Students acquire new knowledge and abilities that are relevant to their field or interests.
2) Students got specialized knowledge or certifications that make them more attractive to employers or clients..
3) Students got knowledge about the skill development courses.
4) Students can explore to their passions and interests outside of their primary career or educational path.

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Sakkardara Chowk, Nagpur.

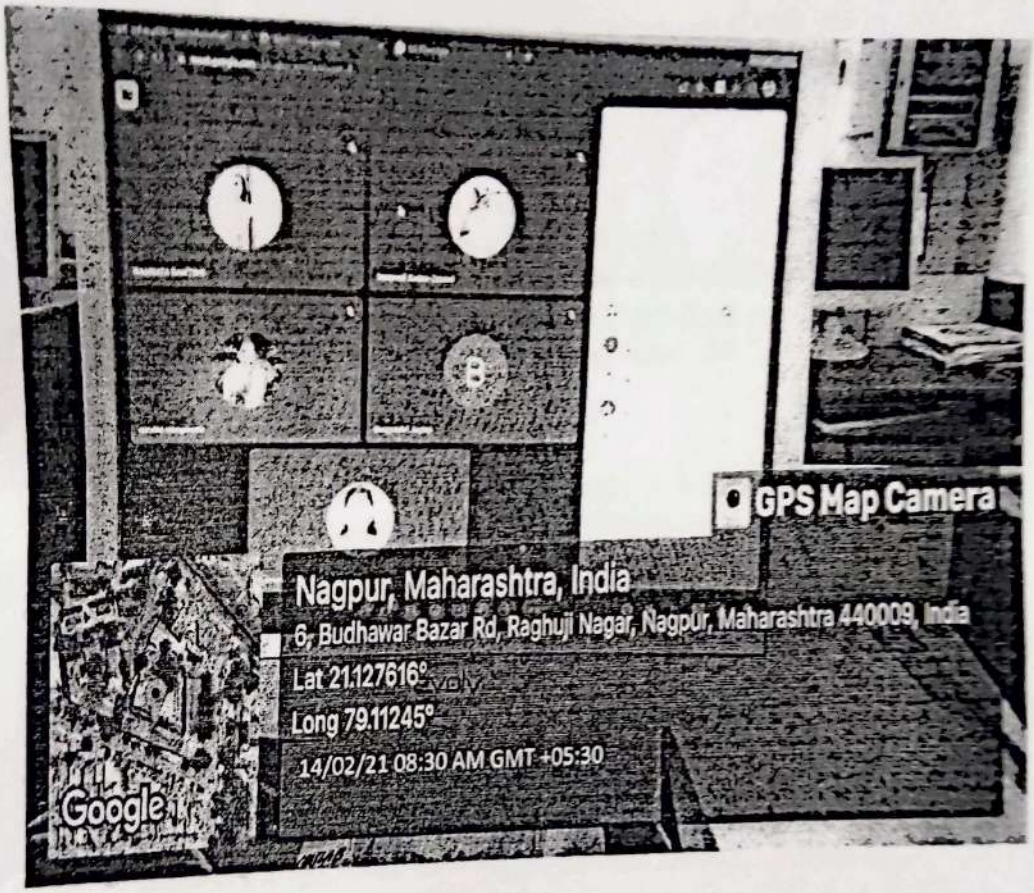
Kamla Nehru Mahavidyalaya

Sakkardara Square, Nagpur

Department of Master of Computer Application

Value added Certificate Course on " Cyber Security "

Session 2020-2021



Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

A+ Grade Accredited by NAAC with CGPA of 3.53

Department Of Electronics

Organizes

Short Term Value Added Course

on

"Computer Hardware Maintenance"

Session 2020-2021

Value Added Course Details

- ✓ Duration: 30 Hours
- ✓ Theory: 20 Hours
- ✓ Practical: 10 Hours
- ✓ Course Starts from: 07 Sep 2020

Main Contents

- Basic Computer System
- Motherboard and Modem
- CD & DVD Drives
- Input and Output Devices
- Application Software
- CMOS/BIOS SETUP

COURSE CO-ORDINATOR

For any query, Please contact:

Course Co-Ordinator:
Mr. Pravin M. Sontakke,
Head, Department of Electronics,
Kamla Nehru Mahavidyalaya,
Sakkardara square, Nagpur – 24
Mobile: 9325174632

HIGHLIGHTS OF COURSE

- Effective ICT tool Lectures
- Visual aids Teaching methods
- Demonstrations of Computer Software and Hardware
- Well Equipped lab of Electronics for Practical session.
- Provide Certificates
- Interactive session with well qualified faculties.
- Name of Qualified Faculties
  - Mr. Pravin M. Sontakke.
  - Miss.Pratibha Sakhare.
  - Mrs. Pratiksha Kuhikar.

To
The Principal
Kamla Nehru Mahavidyalaya,
Sakkardara, Nagpur.

Subject: About permission for conducting Value Added Course by Department of Electronics.

Respected Sir,

As per the subject cited above, department of electronics wish to start the value added course, "Computer Hardware and Maintenance", for this session 2020-21 for all the final year students of B. Sc. (Math group) course. The course will start from date 7/09/2020 and will be run for the 30 Hrs. including theory and Practical sessions.

So, please allow us to start the value added course from above said date.

This is for your kind information and permission.

Thank you.

Kamla Nehru College
Electronics
Sakkardhara, Nagpur

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Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Electronics (UG) 29

Value Added Course
On
Computer Hardware Maintenance

2020-21

Unit – 1 **4 hrs.**

Basic computer System and Peripherals: Input and Output devices, their types and specification, CPU, Memory devices: Primary and Secondary.
Mother board: Study of Motherboard RAM, ROM, CMOS, POST, BUS (Address, Data System) Motherboard troubleshooting.

Unit – 2 **4 hrs.**

Connections of various devices such as display adapter, ports (Serial, Parallel, and USB) and modem on the mother board. Importance of CPU cooling.
Storage Devices:

a) HDD: HDD types, integrated, SCSI, Magnetic recording, Formatting (Track, Sector) Cluster, Defragmentation, Bad Sector, Jumper Setting, Common Problems and its trouble shooting, External Drive (HDD), Optical Drives.
b) FDD: FDD types and working and its related problems
c) CD and DVD drives: ROM and Writer, combo drives Mass storage devices
d) USB Devices: Hub, Pen Drives

Unit – 3 **4 hrs.**

Input Devices:

a) Keyboard: Switches, keyboard organization, key board type, wireless keyboard trouble shooting.
b) Mouse: Mouse types : Scroll and optical mouse, function connecting mouse, trouble shooting mouse
c) Ports
d) Modems

Output Devices: Printers: working of DMP, Inkjet, Laser Printer, Line Printer, Multifunction Printer and Trouble shooting

Unit – 4 **4 hrs.**

Other Output Devices:

a) Scanner: Working method and its trouble shooting
b) Plotters

Types of Software; System software, application software driver software installation, windows and other software and antivirus

Unit –5 **4 hrs.**

Boot process: setting of CMOS/BIOS setup
Power supply; operating characteristics, types and maintenance
Types of PC Desktop, Laptop, Palmtop,
PC Tools

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Sakkardara Chowk, Nagpur.

Computer Hardware Maintenance (Practical)

Practical Set

i. Study of devices on mother board
ii. Study of keyboard and keyboard decoder
iii. Study of video adapter and display controllers
iv. Study of floppy drives, CD, DVD, Pen Drive and Hard disk
v. Study of Multifunction Input/output controllers

Books:

1. IBM PC Advanced Troubleshooting and Repair: Robert Bernner, PHI
2. Inside the PC: Peter Norton, Techmedia Publication
3. Upgrading and Repairing PCs: Scott Mueller PHI
4. Computer Fundamentals and Introduction to IBM PC: Pankaj Nagar
5. Computer Fundamentals: P. K. Sinha, Priti Sinha, BPB Publications

The total workload for the course is 30 hrs. and is divided as follows:

Theory = 20 hrs.

Practical = 10 hrs.

Kamla Nehru College ★ Electronics ★ Sakkardhara, Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR

DEPARTMENT OF ELECTRONICS

Value Added Course Time Table

SESSION 2020- 21

B. Sc. Final Year Students

Sr. No.	Day	Class	Time	Faculty
1	Monday	B. Sc. III	12:30-1:30 PM	Mr. M. Sontakke
2	Tuesday	B. Sc. III	12:30-1:30 PM	Mr. M. Sontakke
3	Wednesday	B. Sc. III	12:30-1:30 PM	Mrs. Pratiksha Kuhikar
4	Thursday	B. Sc. III	12:30-1:30 PM	Mrs. Pratiksha Kuhikar
5	Friday	B. Sc. III	12:30-1:30 PM	Miss.P.B.Sakhare
6	Saturday	B. Sc. III	12:30-1:30 PM	Miss.P.B.Sakhare

Kamla Nehru College ★ Electronics ★ Sakkardhara, Nagpur

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Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALYA, NAGPUR

Department of Electronics Organised Value Added Course

Computer Hardware Maintenance

Students Attendance (Session 2020-21)

Sr. No.	Name of Students	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
		7/9/2020	8/9/2020	9/9/2020	10/9/20	11/9/20	12/9/20	14/9/20	15/9/2020	16/9/20	17/9/2020	18/9/20	19/9/20	21/09/20	22/9/20	23/9/20
1	ABHIJEET BALIRAM GAWANDE	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
2	ADESH ARUN BHOYAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
3	ADITI UMAJI NIMJE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
4	ADITYA MOHAN DHARASKAR	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P
5	AISHWARYA MAHADEV PATLE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
6	AJAY TAPAN PODDAR	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P
7	AKASH KAILASH THAKRE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
8	AKSHADA AVINASH CHADGULWAR	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
9	AKSHAY MURLIDHAR CHANORE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
10	AKSHAY SANJAY GUPTA	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
11	AKSHITA MANOJ YELNE	P		P	P	P	P	P	A	P	P	P	P	P	P	P
12	ALIYA ANJUM ABDUL MAJEED	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P

13	AMAN DEVENDRA LUTE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
14	AMAN NARESH KHAPEKAR	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	
15	AMISHA SURESH ATKARE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
16	AMISHA VIJAY NANDANWAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
17	AMOL MANOHAR MESHRAM	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	
18	AMRITA ANIL BANODE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
19	ANIKET DILIP THISKE	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	
20	ANIKET GOVIND ZODEKAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
21	ANIKET SANTOSH GAIKWAD	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	
22	ANJALI MORESHWAR SABALE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
23	ANKITA RAMESH BORKAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	ANKLESH MADHUKAR BORKAR	P	P	P	P	P	A	P	P	A	P	P	P	P	A	P	
25	ANURAG KISHOR JAGTAP	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	
26	APURVA SUNIL ZODAPE	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	
27	ASHWINI TARACHAND HOOL	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	
28	ATHARVA SUNIL AWACHAT	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	

29	AVINASH OMPRAKASH DESHMUKH	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
30	BHAGYASHRI SHARAD REHPADE	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
31	BHAGYSHREE PRAKASH WANKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
32	CHAITALEE MORESHWARRAO THAKARE	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
33	CHANCHAL DATTUJI DEVIKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
34	CHETAN DNYANESHWAR WANKHEDE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
35	DAMINI DEORAO THOTE	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
36	DAMINI MAROTI NARULE	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
37	DARSHAK RAJU PAUNIKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
38	DEVANSHU SATISH RAKHUNDE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
39	DEVYANI RAJENDRA GOTMARE	P	P	P	P	P	P	P	P	P	P	P	P	A	A	P
40	DHANSHREE NAMDEO CHAPLE		P	P	P	P	P	P	P	A	P	P	P	P	P	P
41	DHIRAJ KISHOR BARAPATRE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
42	DIKSHA ARUN NAITAM	P	P	P	P	P	P	A	P	A	P	P	P	A	P	P
43	DIVYA DEVENDRA DATKE		P	P	P	P	P	P	P	P	P	P	P	P	P	P

44	DIVYA HARIHAR BHUYARKAR	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	
45	DIVYA RAJU BHOYAR	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	
46	DIVYA SHYAM CHAWKE	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	
47	DIVYANI DINESH GAWANDE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	
48	DNYANESHWAREE DINANATH KURVEY	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
49	GAURAV RAJU WAHULKAR	P	P	P	P	A	P	P	P	P	P	A	P	P	A	P	
50	GHANSHYAM SATISH LANJEWAR	P	P	P	P	A	P	P	P	A	P	P	P	A	P	P	
51	HARSHA DNYANESHAR RAMNE	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	
52	HARSHAL LILADHAR SONKUSARE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	
53	HARSHAL MANOJ GAIDHANE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
54	HARSHALA GIRIDHAR LENDE	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	
55	HARSHDA SURYAKANT RAUT	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	
56	HIMANSHU VASUDEO WAKADE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
57	ISHA NARESH GUPTA	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
58	ISHA VASANT NANDANWAR	P		P	P	P	P	P	P	P	P	P	A	P	P	P	
59	JAYANT RATNAKAR MESHRAM	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	

60	KAMNA AJAY DORLIKAR	P	P	P	P	A	P	P	P	P	P	P	P		P	P	P
61	KARTIK VIJAY MOROLIYA		P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
62	KHUSHBU RAJKUMAR LANJEWAR	P	P	P		P	P	P	P	P	P	A	P	P	P	P	P
63	KOMAL GHANSHYAM LANJE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
64	KOMAL RAJENDRA GAHUKAR	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P	
65	KRUTIKA RAMU THAKRE	P	P	P	P	P	P	P	P	A	P	P	P	P		P	
66	KUNAL FATTU PATRE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
67	LOVELY KUMARI DEONATH PRASAD .	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
68	MAHIMA DHALESHWAR BAWANGARH	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	
69	MANISHA KAILASHRAO DHOLE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	
70	MAYURESH SUDHAKAR PANTAWANE	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	
71	MAYURI RAVIN BABHARE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
72	MINAL SUDHAKAR BHOPALE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
73	MINAL DILIPRAO KULLARKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	
74	MOHIT RAMESH ZODE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
75	MONALI SHAMRAO LANJEWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
76	MUSKAN SHEIKH JABBAR -	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	
77	NARMIN RAFAT FAIYAZ ANSARI	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P

78	NAVIN ARUN YELNE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
79	NEHA BHAWAN WARKHADE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
80	NEHA SAMBHAJI CHANDANBAWNE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
81	NEHAL PRASHANT KALBANDE	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	
82	NIDHI RADHESHYAM GUPTA	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
83	NIKESH RAMESH BOKADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	
84	NIKHITA VILAS BHALME	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	
85	NIKITA ASHOK ZODE	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
86	NISHANT MANOHAR SAHARE	P	P	P	P	P	P	P	P	P	A	P	P	A	P	P	
87	NITESH JITENDRA SAMRIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
88	PANKAJ DAULATRAO RAUT	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	
89	PANKAJSINGH SHANKARSINGH RAGHUWANSHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
90	PAPIHA RAJU GHUBE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
91	PAYAL ARVIND SORTE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
92	PAYAL SATISH DHAKATE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
93	POOJA RAJENDRA TALE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
94	PRACHI SURESH TIWARI	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
95	PRAJAKTA KIRAN DAKARE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
96	PRAJWAL UMESH WANJARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

97	PRAJWAL VIVEK RODGE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98	PRALHAD AMBADAS DHOBLE	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	
99	PRANAY SHRIRAM LUTE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
100	PRATEEK RAVINDRA KUMAR TIWARI		P	A	P	P	P	P	P	P	P	P	A	P	P	0	
101	PRATIK RADHESHYAM DUBE	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
102	PRATIKSHA PRAVIN TAKALKAR	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	
103	PRIT DATTUJI GAWANDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
104	PRITI SUNILRAO AGARKAR	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P	
105	PRITI YOGESHWAR PATIL	P	P	P	P	P	P	P	P	A	P	A	P	P	P	P	
106	PRIYA VIJAY DHOMNE	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	
107	PRIYANAKA ANAND DHOK	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	
108	PRIYANKA DILIP RAUT	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
109	PRIYANKA RAJENDRA THAKRE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
110	PRIYANKA SANJAY TAMBE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
111	PRIYANKA SHANKAR INGOLE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	
112	PRIYANSHU DILIP MOON	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
113	PRIYANSHU OMPRAKASH SONKUSARE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
114	RACHANA RAMESH GAWANDE	P		P	P	P	P	P	P	P	P	P	P	P	A	P	
115	RAJESHREE GAJANAN MAHULKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

116	RAKHI ASHOK VIGHE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
117	RASHMI AJAY PALORKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
118	REKHA SUNIL WANJARI	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	
119	REKHATAI SARJERAO NIVALE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
120	RINA RANGRAO GAHUKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
121	ROHIT DHANANJAY BAWANKULE	P	P	P	P	P	P	P	A	P	A	P	A	P	P	P	
122	ROHIT MANOHAR NIRWAN	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	
123	ROHIT PRADIP PILLEWAN	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
124	ROSHAN MORESHWAR UJWALKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	
125	RUCHI MAHENDRA THAKUR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
126	RUCHIKA ANIL KHEDEKAR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
127	RUSHABH RAVINDRA NIKODE	P	P	P	P	P	P	P	P	P	A	P	D	P	P	P	
128	RUTUJA GULJARSINGH NAKORIYA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
129	RUTVIK KRISHNA LANDGE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
130	SAGAR PURUSHOTTAM SONKUSARE	P	P	P	P	A	P	P	P	P	P	P	P	P	P		
131	SAHIL ARVIND NAGPURE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
132	SAHIL SUNIL SHINDE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
133	SAMIKSHA NANDKISHOR KALODE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
134	SAMIKSHA RAVINDRA THAKRE	P	P	P	A	P	P	P	P	P	P	P		P	P	P	

135	SAMIKSHA VIJAY BHOSALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
136	SANCHITA SHAMRAO GAJBHIYE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
137	SANDESH UMAKANT ZADE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
138	SANSKRUTI VINOD SAMARTH	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
139	SAUJANYA GAUTAM GEDAM	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
140	SAURABH ARUN PATIL	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P
141	SAYALI SURESHRAO INGALE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
142	SHAURYA VIVEK JHUNJHUNWALA	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P
143	SHILPA NARENDRA GIRI	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
144	SHIVANI ANIL ZILKARWAR	P	P	A	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P
145	SHIVANI SHANKAR BISEN	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
146	SHIVANI SUBHASH TABHANE	P	P	P	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P
147	SHREYASH KIRAN HARGUDE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
148	SHRUTI MAHADEO MORE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P
149	SHRUTI SANJAY BURADKAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
150	SHUBHAM KAILASH WANKHADE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
151	SHUBHAM RAKESH SAYANIA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
152	SHUBHAM SHYAMRAO KHADSAN	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A	P	P	P
153	SHUBHANGI GOPALRAO TELRANDHE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P

154	SHUBHANGI KRUSHNARAO DHARMIK	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	
155	SIDDHI DHARMENDRA SHARMA	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
156	SIMRAN RAMKRUSHANA BOKADE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
157	SMITA SANJAY SUPLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
158	SNEHA ANANDRAO MATALE		P	P	P	P	P	P	P	P	P	P	P	P	P	P	
159	SNEHAL TIRTHRAJ KALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
160	SNEHAL VIJAY PAL	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
161	SONAL NANU URADE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
162	SOPAN RAM CHANNE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
163	SUBODH MITARAM AWARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
164	SUMEDH DINANATH WAGHMARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
165	SUPRIYA SUDESH POHARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
166	SURAJ SHALIKRAM WADHAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
167	SWATI SHRIHARI KALE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
168	TANMAY SURESH AMBULKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	
169	TANUJA MANOJ MASKE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	
170	TASLEEMA PARVEEN SHEIKH YUSUF	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
171	TEJAS SUNIL BORKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
172	TILAK RAJESH BAIS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

173	TUSHAR BABARAO BHOYAR	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
174	TUSHAR SHRIPRABHU ITANKAR	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
175	UMANG MANOHAR MESHRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	
176	VAIBHAV SHALIKRAM HAJARE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
177	VAISHNAVI ANNAJI NAKHATE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
178	VAISHNAVI DINESH SARSEWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
179	VAISHNAVI KISHOR WADETTIWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
180	VAISHNAVI MANOHARRAO VAIDYA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	
181	VAISHNAVI PRAKASH SURKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
182	VAISHNAVI TUKARAM GODE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
183	VAISHNAVI VIJAY DESHMUKH	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	
184	VAISHNVI HIWRAJ RAMTEKE	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	
185	VIVEK BALMUKUND KHOKRE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
186	YASH MUKUNDA PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
187	YASH PRAKASH MASKE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
188	YASH UMESH JAYAWANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
	Faculty Sign	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
		P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	

Kamla Nehru College
Electronics
Sakkardhara, Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur

KAMLA NEHRU MAHAVIDYALYA, NAGPUR

Department of Electronics Organised Value Added Course

Computer Hardware Maintenance

Students Attendance (Session 2020-21)

Sr. No.	Name of Students	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
		24/9/2020	25/9/2020	26/9/2020	27/9/2020	29/9/2020	30/9/2020	1/10/2020	3/10/2020	5/10/2020	7/10/2020	8/10/2020	9/10/2020	10/10/20	12/10/2	13/10/20
1	ABHIJEET BALIRAM GAWANDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	ADESH ARUN BHOYAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	ADITI UMAJI NIMJE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	ADITYA MOHAN DHARASKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	AISHWARYA MAHADEV PATLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	AJAY TAPAN PODDAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	AKASH KAILASH THAKRE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	AKSHADA AVINASH CHADGULWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	AKSHAY MURLIDHAR CHANORE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	AKSHAY SANJAY GUPTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	AKSHITA MANOJ YELNE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	ALFIYA ANJUM ABDUL MAJEED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

13	AMAN DEVENDRA LUTE	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
14	AMAN NARESH KHAPEKAR	P	P	P	A	P	P	P	A	P	P	P	P	A	P	P
15	AMISHA SURESH ATKARE	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
16	AMISHA VIJAY NANDANWAR	P	P	P	A	P	A	P	A	P	P	P	A	P	P	P
17	AMOL MANOHAR MESHRAM	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
18	AMRITA ANIL BANODE	P	P	P	P	P	P	P	P	P	P	A	P	A	P	P
19	ANIKET DILIP THISKE	P	P	P	P	P	P	P	P	P	P	P	A	P	P	A
20	ANIKET GOVIND ZODEKAR	P	P	P	P	P	P	P	P	A	P	P	P	P	A	P
21	ANIKET SANTOSH GAIKWAD	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
22	ANJALI MORESHWAR SABALE	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
23	ANKITA RAMESH BORKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
24	ANKLESH MADHUKAR BORKAR	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
25	ANURAG KISHOR JAGTAP	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
26	APURVA SUNIL ZODAPE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
27	ASHWINI TARACHAND HOOL	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
28	ATHARVA SUNIL AWACHAT	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P

29	AVINASH OMPRAKASH DESHMUKH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	BHAGYASHRI SHARAD REHPADE	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	A
31	BHAGYSHREE PRAKASH WANKAR	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
32	CHAITALEE MORESHWARRAO THAKARE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
33	CHANCHAL DATTUJI DEVIKAR	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P	P
34	CHETAN DNYANESHWAR WANKHEDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	DAMINI DEORAO THOTE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	DAMINI MAROTI NARULE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	DARSHAK RAJU PAUNIKAR	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
38	DEVANSHU SATISH RAKHUNDE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A
39	DEVYANI RAJENDRA GOTMARE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
40	DHANSHREE NAMDEO CHAPLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
41	DHIRAJ KISHOR BARAPATRE	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P
42	DIKSHA ARUN NAITAM	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
43	DIVYA DEVENDRA DATKE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P

44	DIVYA HARIHAR BHUYARKAR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
45	DIVYA RAJU BHOYAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
46	DIVYA SHYAM CHAWKE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
47	DIVYANI DINESH GAWANDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
48	DNYANESHWAREE DINANATH KURVEY	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
49	GAURAV RAJU WAHULKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
50	GHANSHYAM SATISH LANJEWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
51	HARSHA DNYANESHAR RAMNE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	
52	HARSHAL LILADHAR SONKUSARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
53	HARSHAL MANOJ GAIDHANE	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	
54	HARSHALA GIRIDHAR LENDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
55	HARSHDA SURYAKANT RAUT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	
56	HIMANSHU VASUDEO WAKADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
57	ISHA NARESH GUPTA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
58	ISHA VASANT NANDANWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
59	JAYANT RATNAKAR MESHRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

60	KAMMA AJAY DORLIKAR																
61	KARTIK VIJAY MOROLIYA																
62	KHUSHBU RAJKUMAR LANJEWAR																
63	KOMAL GHANSHYAM LANJE																
64	KOMAL RAJENDRA GAHUKAR																
65	KRUTIKA RAMU THAKRE																
66	KUNAL FATTU PATRE																
67	LOVELY KUMARI DEONATH PRASAD .																
68	MAHIMA DHALESHWAR BAWANGARH																
69	MANISHA KAILASHRAO DHOLE																
70	MAYURESH SUDHAKAR PANTAWANE																
71	MAYURI RAVIN BABHARE																
72	MINAL SUDHAKAR BHOPALE																
73	MINAL DILIPRAO KULLARKAR																
74	MOHIT RAMESH ZODE																
75	MONALI SHAMRAO LANJEWAR																
76	MUSKAN SHEIKH JABBAR -																
77	NARMIN RAFAT FAIYAZ ANSARI																

78	NAVIN ARUN YELNE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
79	NEHA BHAWAN WARKHADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
80	NEHA SAMBHAJI CHANDANBAWNE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
81	NEHAL PRASHANT KALBANDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
82	NIDHI RADHESHYAM GUPTA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
83	NIKESH RAMESH BOKADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
84	NIKHITA VILAS BHALME	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
85	NIKITA ASHOK ZODE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
86	NISHANT MANOHAR SAHARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
87	NITESH JITENDRA SAMRIT	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
88	PANKAJ DAULATRAO RAUT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
89	PANKAJSINGH SHANKARSINGH RAGHUWANSHI	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
90	PAPIHA RAJU GHUBE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
91	PAYAL ARVIND SORTE	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
92	PAYAL SATISH DHAKATE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
93	POOJA RAJENDRA TALE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
94	PRACHI SURESH TIWARI	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
95	PRAJAKTA KIRAN DAKARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
96	PRAJWAL UMESH MANJARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

97	PRAJWAL VIVEK RODGE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98	PRALHAD AMBADAS DHOBLE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
99	PRANAY SHRIRAM LUTE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
100	PRATEEK RAVINDRA KUMAR TIWARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
101	PRATIK RADHESHYAM DUBE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
102	PRATIKSHA PRAVIN TAKALKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
103	PRIT DATTUJI GAWANDE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
104	PRITI SUNILRAO AGARKAR	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
105	PRITI YOGESHWAR PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
106	PRIYA VIJAY DHOMNE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
107	PRIYANAKA ANAND DHOK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
108	PRIYANKA DILIP RAUT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
109	PRIYANKA RAJENDRA THAKRE	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
110	PRIYANKA SANJAY TAMBE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
111	PRIYANKA SHANKAR INGOLE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
112	PRIYANSHU DILIP MOON	P	P	P	P		P	P	P	P	P	P	P	P	P	P	P
113	PRIYANSHU OMPRAKASH SONKUSARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
114	RACHANA RAMESH GAWANDE	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P
115	RAJESHREE GAJANAN MAHULKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

116	RAKHI ASHOK VIGHE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
117	RASHMI AJAY PALORKAR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
118	REKHA SUNIL WANJARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
119	REKHATAI SARJERAO NIVALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
120	RINA RANGRAO GAHUKAR	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
121	ROHIT DHANANJAY BAWANKULE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
122	ROHIT MANOHAR NIRWAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
123	ROHIT PRADIP PILLEWAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
124	ROSHAN MORESHWAR UJWALKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
125	RUCHI MAHENDRA THAKUR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
126	RUCHIKA ANIL KHEDEKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
127	RUSHABH RAVINDRA NIKODE	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
128	RUTUJA GULJARSINGH NAKORIYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
129	RUTVIK KRISHNA LANDGE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
130	SAGAR PURUSHOTTAM SONKUSARE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
131	SAHIL ARVIND NAGPURE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
132	SAHIL SUNIL SHINDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
133	SAMIKSHA NANDKISHOR KALODE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
134	SAMIKSHA RAVINDRA THAKRE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

135	SAMIKSHA VIJAY BHOSALE	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	
136	SANCHITA SHAMRAO GAJBHIYE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
137	SANDESH UMAKANT ZADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
138	SANSKRUTI VINOD SAMARTH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
139	SAUJANYA GAUTAM GEDAM	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	
140	SAURABH ARUN PATIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
141	SAYALI SURESHRAO INGALE	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
142	SHAURYA VIVEK JHUNJHUNWALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
143	SHILPA NARENDRA GIRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
144	SHIVANI ANIL ZILKARWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
145	SHIVANI SHANKAR BISEN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
146	SHIVANI SUBHASH TABHANE	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
147	SHREYASH KIRAN HARGUDE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
148	SHRUTI MAHADEO MORE		P	P	P	P	P	P	P	P	P	P	P	P	P	P	
149	SHRUTI SANJAY BURADKAR	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
150	SHUBHAM KAILASH WANKHADE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
151	SHUBHAM RAKESH SAYANIA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
152	SHUBHAM SHYAMRAO KHADSAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
153	SHUBHANGI GOPALRAO TELRANDHE	P	P	P	P		P	P	P	P	P	P	P	P	P	P	

154	SHUBHANGI KRUSHNARAO DHARMIK	P	P	A	P	P	A	P	P		P	P	A	P	P	P
155	SIDDHI DHARMENDRA SHARMA	P	P	P	A	P	P	P	A	P	P	P	A	P	P	P
156	SIMRAN RAMKRUSHANA BOKADE		P	P	P	P	P	P	A	P	P	P	P	P	P	P
157	SMITA SANJAY SUPLE	P	A	P	A	P	A	P	A	P	P	P	P	P	P	P
158	SNEHA ANANDRAO MATALE		P	P	P	P	P	P	P	P	P	P	P	P	P	P
159	SNEHAL TIRTHRAJ KALE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
160	SNEHAL VIJAY PAL	P	A	P	A	P	P	P	P	P	P	P	P	P	P	P
161	SONAL NANU URADE	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
162	SOPAN RAM CHANNE	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
163	SUBODH MITARAM AWARKAR	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
164	SUMEDH DINANATH WAGHMARE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
165	SUPRIYA SUDESH POHARE	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
166	SURAJ SHALIKRAM WADHAI	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
167	SWATI SHRIHARI KALE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
168	TANMAY SURESH AMBULKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
169	TANUJA MANOJ MASKE	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
170	TASLEEMA PARVEEN SHEIKH YUSUF .	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
171	TEJAS SUNIL BORKAR	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P
172	TILAK RAJESH BAIS	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P

173	TUSHAR BABARAO BHOYAR	P	P	P		P	P	P	P	P	P						
174	TUSHAR SHRIPRABHU ITANKAR	P	P	P	P	P	P	P		P	P	P	P	P	P	P	
175	UMANG MANOHAR MESHRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
176	VAIBHAV SHALIKRAM HAJARE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
177	VAISHNAVI ANNAJI NAKHATE	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
178	VAISHNAVI DINESH SARSEWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
179	VAISHNAVI KISHOR WADETTIWAR	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
180	VAISHNAVI MANOHARRAO VAIDYA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
181	VAISHNAVI PRAKASH SURKAR	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	
182	VAISHNAVI TUKARAM GODE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
183	VAISHNAVI VIJAY DESHMUKH	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	
184	VAISHNVI HIWRAJ RAMTEKE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
185	VIVEK BALMUKUND KHOKRE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
186	YASH MUKUNDA PATIL	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	
187	YASH PRAKASH MASKE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
188	YASH UMESH JAYAWANT	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	
	Faculty Sign	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	
		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

Kamla Nehru College Electronics Sakkardara, Nagpur

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

WANJARRI GROUP
reputation education

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Sakkardara Square, Nagpur - 440024

Certificate of Excellence

This certificate is proudly awarded to

Abhijeet Baliram Gawande

of the Class B.Sc. final Year *for his/her outstanding performance in the field of* Computer Hardware and Maintenance *for the session* 2020-21.

Adv. Abhijit G. Wanjarri	Dr. Smeetaa A. Wanjarri	Dr. Dilip S. Badwaik
MLC & Secretary	Senate Member RTMNU &	Principal
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Computer Hardware and Maintenance *for the session* 2020-21.

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Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

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Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

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Tilak Rajesh Bais

of the Class B.Sc. final Year *for his/her outstanding performance in the field of* Computer Hardware and Maintenance *for the session* 2020-21.

Adv. Abhijit G. Wanjarri	Dr. Smeetaa A. Wanjarri	Dr. Dilip S. Badwaik
MLC & Secretary	Senate Member RTMNU &	Principal
Amar Sewa Mandal, Nagpur	Treasurer, Amar Sewa Mandal	Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur
DEPARTMENT OF ELECTRONICS
Value Added Course
On
Computer Hardware Maintenance
Session 2020-21

Report

Aim & Objectives:

Aim:

Our aim is to enhance student's practical knowledge about computer hardware maintenance and developing their interaction with innovative project idea.

Objectives:

1) Generate awareness about computer hardware maintenance.
2) Create active part of student in practical work of hardware maintenance
3) Develop mindset about advanced electronics project ideas.

Nature of Activity / Procedure:

Value added course on Computer Hardware Maintenance was organized by Department of Electronics for students B.Sc. (Math group) on dated **07 Sep 2020**.Our students created actively part in course of computer hardware maintenance. They had interacted with faculties and developed ideas of innovative project in Computer hardware maintenance also knew awareness of safety tips and hazardous point for hardware of computer. Number of beneficiary=188 students. From 7/9/2020 to 13/10/2020

Outcome:

1) Improvement in student's self-confidence and communication skills.
2) Students understood importance of Computer hardware maintenance and team work.
3) Students will be aware about safety tips and hazardous points of Computer hardware maintenance.

Kamla Nehru College Electronics Sakkardara, Nagpur

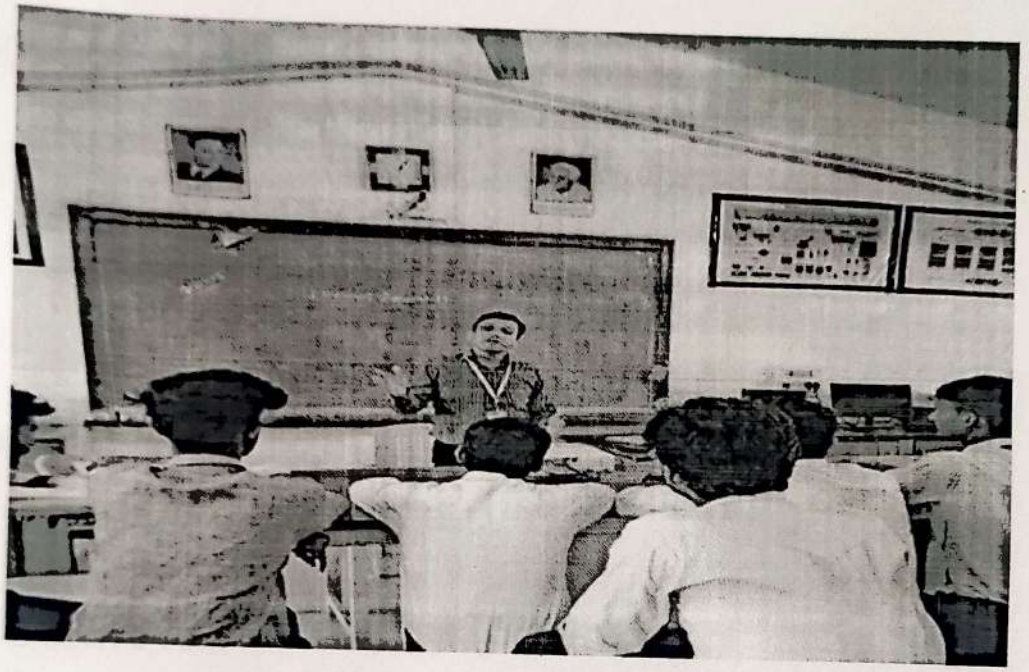
H.O.D.

PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara, Nagpur.

Department of Electronics
Value added course
On
Computer Hardware Maintenance

2020-21

Name of College: **Kamla Nehru Mahavidyalaya, Nagpur**
Name of Courses: **Computer Hardware Maintenance**
Document type: **The Photo Taken during Teacher Teaching**



Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(NAAC Re-accredited with A+ grade –CGPA 3.53)

Department of Botany
Organizing
Value Added Course and Certificate Course
2020-2021

Course highlight

Value added course (30 hrs.)

Date: 15/03/2021 to 31/03/2021

- Flower Arrangement (for B.Sc sem III)
- Preservation Techniques for Plants (for M.Sc I yr)
- Miniature Garden (for M.Sc IIyr)

Certificate course (60 hrs.)

Date: 19/03/2021 to 02/04/2021

- Nursery Techniques with Special Reference to Floricultutre

For admission contact: Dr. V. Y. Charjan
Head, Department of Botany
Mb. No.- 9373767784

Patrons:

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Seva Mandal
Nagpur

Hon'ble Adv Abhijit Wanjarri
MLC and Secretory, Treasurer,
Amar Seva Mandal, Nagpur

Hon'ble Dr. SmeeteeWanjarri
Amar Seva Mandal
Nagpur

Organizer:
Dr. Dilip Badwaik
Principal

PERMISSION LETTER

To,
The Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Subject: Permission for organizing value added certificate course for B.Sc III yr students.

Respected Sir.

Department of Botany, Kamla Nehru Mahavidyalaya, request you to grant us the permission to organize value added certificate course on 'Flower Arrangements' from 15 March, 2021 to 31 March, 2021for B.Sc III yr students.

Kindly grant the permission for above certificate course.

Thank you

Yours truly

Dr. V. Y. Charjan

08/03/21

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

Department of Botany

Online Value Added Certificate Course

'FLOWER ARRANGEMENT'

2020-2021

Syllabus (Under Graduate)

UNIT I: ORIGIN OF FLOWER DESIGN AND IDENTIFCATION OF FLOWER

- Origin of flower designing
- Flower & plant Identification
- Care & handling of Cut flowers

UNIT II: TYPES & CHOICE OF FLOWERS

- Floral bouquets, baskets, wreaths.
- Table Centerpiece
- Ikebana

UNIT III: PRINCIPLES OF FLOWERS ARRANGEMENTS

- Design & balance.
- Arrangement, scale & rhythm.
- Emphasis (Focal point, harmony & unit)

UNIT IV: DIFFERENT STYLES OF FLOWER ARRANGEMENTS

- Oriental flower arrangements
- Traditions/Westren flower arrangements
- Modern Flower design.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
'FLOWER ARRANGEMENT'
Duration – 15 Days (2hrs/per Day)
2020-2021
Time Table (Under Graduate)

Days	Time
Monday	12:00 AM - 2:00 PM
Tuesday	12:00 AM - 2:00 PM
Wednesday	12:00 AM - 2:00 PM
Thursday	12:00 AM - 2:00 PM
Friday	12:00 AM - 2:00 PM
Saturday	12:00 AM - 2:00 PM
Sunday	12:00 AM - 2:00 PM

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
'FLOWER ARRANGEMENT'
Duration – 15 Days (2hrs/per Day)
2020-2021
Attendance Sheet (Under Graduate)
Date: 15/03/2021 to 31/03/2021

Sr.No.	Name of Students	15	16	17	18	19	20	22	23	24	25	26	27	29	30	31
1	Aachal Arunrao Karluke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Aafreen Kauser Sheikh Yaseem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Aarju Naresh Thenge	P	P	P	.	P	P	P	P	P	P	P	P	.	P	P
4	Abhilasha Shashikant Kharabe	P	P	.	.	P	P	.	P	P	.	P	P	.	P	P
5	Abhishek Raju Shahakar	P	P	P	P	P	P	.	P	P	.	P	P	P	P	P
6	Aditi Ranoji Jachak	P	P	P	P	P	P	.	P	P	.	P	P	P	P	P
7	Akanksha Kishor Nikhare	P	P	P	.	P	P	P	.	P	P	P	P	P	P	P
8	Akanksha Sanjay Khokle	P	P	.	P	P	P	P	.	P	P	P	.	.	P	P
9	Akshada Rajendra Urshilkar	P	P	.	P	P	.	P	P	P	P	P	.	.	P	.
10	Alina Naaz Rauf Khan	P	P	.	P	P	.	P	P	.	P	P	P	P	P	P
11	Amisha Bodhak Fulzele	P	P	P	.	P	P	P	.	P	P	P	P	P	.	P
12	Aniket Hemant Borkar	P	P	P	.	P	P	.	P	P	P	P	P	.	.	P
13	Aniket Pramod Dekate	P	P	P	P	.	P	.	P	P	.	P	P	P	P	P
14	Anisha Bhaskarrao Dhakate	P	P	P	P	P	P	.	.	P	.	P	.	P	P	P
15	Ankita Babanrao Mane	P	.	P	P	P	.	P	P	P	P	P	.	P	P	P

16	Ankita Yashvanta Waghe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Anushka Arun Mangeshkar	P	P	P	P	P	P	·	P	P	P	P	P	P	P	P	P
18	Anushree Madhav Kulkarni	P	P	P	P	P	P	·	P	P	·	P	P	P	·	P	P
19	Apeksha Narayan Nakhate	P	·	P	P	P	·	P	·	P	P	P	P	P	P	P	P
20	Arpita Devendra Bule	P	·	P	P	P	·	P	P	P	P	P	P	P	P	P	P
21	Arti Mahdeorao Umredkar	P	P	·	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Ashlesha Parshuram Gaikwad	P	P	·	P	P	P	P	P	P	P	·	P	P	P	P	P
23	Ashok Dilip Sidam	P	P	P	·	P	P	P	P	P	P	P	P	P	P	P	P
24	Ashwini Rambhau Sable	P	P	P	P	P	P	P	·	P	P	P	P	P	P	P	P
25	Ayesha Ziyauddin Sheikh	P	P	P	P	P	P	·	P	P	P	P	·	·	P	P	P
26	Bhagyashree Jagdish Deogune	·	P	P	P	P	P	P	P	P	·	P	P	·	P	P	P
27	Bharvi Ravindra Manapure	P	P	P	·	P	P	P	P	P	·	·	P	P	P	P	P
28	Bhavna Sanjay Kature	P	P	·	P	P	·	P	P	·	·	·	P	P	P	·	·
29	Chaitali Ravindra Daryapurkar	P	P	·	P	P	P	P	P	P	P	P	P	P	·	·	·
30	Chaitali Vinod Gajbhiye	P	·	P	·	P	P	·	P	P	P	P	P	P	P	P	P
31	Chaitragauri Ramesh Surjuse	P	P	P	P	P	P	·	P	P	P	P	P	P	P	P	P
32	Deepshikha Devisingh Dhurve	·	P	P	P	P	P	P	P	·	P	P	P	P	·	P	P
33	Devyani Prakash Chawale	·	P	P	P	P	P	P	P	P	P	·	P	P	P	P	P
34	Dhanshree Sudhakar Sadawarti	·	P	P	·	P	P	P	P	P	P	P	P	P	P	P	P
35	Diksha Devchand Sawarbandhe	P	P	·	P	P	P	P	·	P	P	P	P	·	P	P	P
36	Dikshita Arvind Motghare	P	P	P	P	·	·	P	P	P	·	P	P	·	P	P	P
37	Dimpal Damodar Chandekar	P	P	P	P	·	P	P	P	P	P	P	P	P	P	P	P
38	Dipali Shrawan Amgaonkar	P	P	P	P	P	P	·	P	·	·	P	P	P	P	P	P
39	Dipali Shrawan Amgaonkar	·	P	·	P	P	P	P	P	·	P	P	P	P	·	·	·
40	Gaurav Ashok Ratrhod	P	P	P	P	P	P	·	P	P	P	P	·	P	P	P	P
41	Gauri Kiran Maradwar	P	·	P	·	P	P	P	·	P	P	P	P	P	P	P	P
42	Gauri Upendra Shriwaskar	P	·	P	P	P	·	P	P	P	P	P	P	P	P	P	P

43	Gayatri Girish Khadatkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	Ghausiya Afreen Shaikh Jameel Ahmad	P	P	P	P	P	P	.	.	P	P	P	P	P	P	P	P
45	Gunjan Gopichand Budhe	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
46	Harsh Vijayrao Chaturkar	P	P	P	.	P	P	P	P	P	P	.	P	P	'	P	P
47	Harshau Shivram Rode	P	P	P	.	P	P	P	,	P	P	P	P	.	P	P	P
48	Heena Prakashji Shilare .	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P
49	Himani Jagdish Shenmare	.	P	P	P	P	.	P	P	P	P	P	P	P	P	P	.
50	Himani Vasantrao Kohad	P	P	P	P	P	.	P	P	P	P	.	P	P	P	.	.
51	Hitesh Ashok Mandade	P	P	.	P	P	P	.	P	P	P	P	P	P	P	P	P
52	Ishika Sunil Kelwadkar	P	P	.	P	P	P	P	P	P	P	P	'	P	P	P	P
53	Jay Khushal Sawai	P	P	,	P	P	.	P	P	P	.	,	P	P	P	P	P
54	Jayanti Prakashchand Munot	.	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P
55	Jayshri Dattuji Shegokar	P	P	P	,	P	P	P	.	P	P	P	P	P	P	P	P
56	Jyoti Sharwan Shahu	P	,	P	.	P	P	P	P	.	P	.	P	P	P	P	P
57	Kajal Dnyaneshwar Lute	P	.	P	.	P	P	P	P	.	P	P	P	P	P	P	P
58	Kalyani Diuprao Shrikhande	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P
59	Kalyani Vilas Chute	P	P	.	P	P	P	P	.	P	P	P	P	P	P	P	P
60	Kanchan Dnyaneshwar Itankar	.	P	P	P	.	.	P	P	P	P	P	P	P	P	P	P
61	Kanchan Prabhakar Wadibhasme	P	.	P	P	.	.	P	P	P	P	P	P	.	P	P	P
62	Karishma Uttam Kadu	,	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P
63	Khushi Pannalal Devangan	.	P	P	P	P	P	.	P	P	P	.	P	P	P	P	P
64	Kirti Pandurang Takukar	P	P	.	.	P	P	.	P	P	P	P	P	P	P	P	P
65	Komal Anil Zilkarwar	P	P	P	P	P	P	P	P	P	P	P	P	.	P	P	P
66	Komal Dinesh Padole	.	P	P	P	P	P	P	P	P	.	P	.	.	P	P	P
67	Komal Rajendra Jagtap	.	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
68	Krutika Suryabhan Bhusari	.	,	P	,	P	P	.	P	P	P	P	P	P	P	P	.
69	Kshitij Jagdishrao Chaudhari	P	.	.	.	P	P	P	.	P	P	P	P	P	P	P	P

70	Kumudini Madhukar Mhaske	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71	Lajari Kishor Zalke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	•
72	Madhavi Vinod Shivankar	P	•	P	P	•	P	P	•	P	P	P	P	P	P	P	P
73	Maheshwari Laxman Satpute	P	P	P	•	P	P	P	•	P	P	P	P	P	P	P	P
74	Mahima Sudhakar Lokhande	•	P	P	P	P	P	P	•	P	P	•	P	P	P	P	P
75	Manavi Ramkrushna Fule	•	P	P	P	P	•	•	P	P	P	P	P	P	P	P	P
76	Manjusha Sahebravji Deulkar	P	P	•	P	P	•	•	P	P	P	P	P	•	P	P	P
77	Mansi Bhumeshwar Mangalkar	P	P	•	P	P	P	•	P	P	P	P	P	•	•	P	P
78	Mansi Krishna Manapure	P	P	P	•	P	P	P	P	P	P	P	P	P	•	P	P
79	Mansi Rupesh Meshram	P	P	P	P	P	•	P	••	P	P	•	P	P	•	P	P
80	Mayuri Kishor Mcwade	•	P	P	P	P	P	P	P	•	P	P	•	P	P	P	P
81	Mayuri Vasantrao Lute	•	P	P	•	P	P	P	P	•	P	P	P	P	P	P	P
82	Megha Ghanshyam Selokar	P	P	•	P	P	•	P	P	P	•	P	P	P	P	P	P
83	Megha Vasantarao Topre	P	P	•	P	P	P	P	P	P	P	P	P	P	P	P	P
84	Minal Vasudeo Fulbandhe	P	P	•	P	P	P	•	P	P	P	P	•	P	P	P	P
85	Minal Vithal Navghare	P	P	•	•	P	P	P	P	P	P	P	•	P	P	P	P
86	Mohini Gunwant Mendhe	P	P	P	P	P	•	P	P	P	P	P	P	P	P	P	P
87	Mohit Omprakash Hajare	P	P	P	P	P	P	•	•	P	P	P	P	P	P	P	P
88	Mrunmayee Rajesh Marpaluwar	•	P	P	P	P	P	•	P	P	P	P	P	•	P	P	P
89	Nandini Ratiramji Radke	•	P	P	P	P	P	P	P	•	P	•	P	P	P	P	P
90	Nayan Maroti Nandanwar	•	P	P	P	•	P	P	P	P	P	P	P	P	P	P	P
91	Neha Dashrath Shimpi	•	P	P	P	•	P	P	P	P	P	P	P	P	P	P	P
92	Neha Jambuvant Nikure	P	P	•	P	P	P	•	P	P	P	P	P	P	P	P	•
93	Neha Mukesh Gajbhiye	P	•	P	P	P	P	P	P	•	P	P	P	P	P	•	•
94	Neha Pundukrao Kanhere	P	•	•	•	P	P	P	P	P	P	P	P	P	P	•	P
95	Neha Wasudeo Shende	P	P	P	•	P	P	P	P	P	•	P	•	P	P	P	P
96	Nehal Ashok Lakade	•	P	P	P	P	P	P	P	P	P	P	•	P	P	P	P

97	Niharika Sunil Landge	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98	Nikita Dnyaneshwar Chikhal	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
99	Nikita Ganesh Bansele	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
100	Nikita Niranjan Upre	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P
101	Nikita Vijay Umathe	.	P	P	P	P	P	P	P	.	P	P	P	.	.	P	P
102	Nilesh Patiram Meshram	P	P	P	P	P	.	P	P	P	P	P	P	.	P	P	P
103	Niraj Vishnupant Narnaware	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P
104	Nisarga Satish Bandebuche	.	P	P	.	P	P	.	P	P	P	P	.	P	P	P	P
105	Nishant Riddeshwar Wanmali	.	P	P	.	P	P	P	P	P	P	P	.	P	P	P	P
106	Nitesh Ganraj Kurjekar	.	P	P	P	P	.	P	P	P	.	P	.	P	P	P	P
107	Ozal Vijay Mendhekar	P	.	P	P	P	.	P	P	P	P	.	P	P	P	P	.
108	Pallavi Chandrashkhar Dhande	P	.	.	P	P	P	P	P	P	.	.	P	P	P	P	P
109	Payal Chandrashekhar Chhapekar	P	P	.	P	.	.	P	P	P	.	P	P	P	P	P	P
110	Payal Kishor Kuratkar	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P
111	Pooja Dayaram Sahare	P	P	P	P	P	P	.	P	.	P	.	P	P	.	P	P
112	Pooja Narharirao Urkudkar	P	P	P	P	P	P	.	P	P	P	P	P	.	.	P	P
113	Pooja Rajendra Chahande	P	P	.	P	P	P	.	P	P	P	P	P	P	P	P	P
114	Pooja Ramesh Butke	P	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P
115	Pooja Suresh Akare	P	P	P	.	P	P	P	.	P	P	P	P	P	P	P	P
116	Prach! Tijlsidas Mate	P	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P
117	Prachi Gurudas Sukhadeve	P	P	.	P	P	P	P	.	P	P	P	.	P	P	P	.
118	Prachi Jivan Choudhari	P	.	.	.	P	P	P	P	P	.	P	.	P	P	P	P
119	Prachi Pramod Deshmukh	P	.	P	P	P	P	.	P	P	P	P	.	P	P	P	P
120	Prachi Sharad Harode	P	P	P	P	P	.	P	P	.	P	.	P	P	.	P	P
121	Pragati Manish Pounikar	P	P	P	P	P	P	P	P	P	P	P	P	P	.	P	P
122	Prajakta Dhananjay Yawale	P	P	P	P	P	P	P	P	P	.	P	P	.	P	P	P
123	Prajakta Sanjay Padman	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P

124	Pranali Arun Sonsare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
125	Pranali Rashtrapal Bawane	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P
126	Pranjal Daulat Wankhede	.	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P
127	Pratik Ashok Yelne	P	.	P	P	P	P	.	P	P	.	P	P	P	P	.	P
128	Pratiksha Natthuji Ghodakade	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P
129	Pratiksha Rajesh Lonare	P	.	P	P	.	P	P	P	P	P	.	P	P	P	P	P
130	Priti Pruthviraj Ghatbandhe	.	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P
131	Pritish Satish Jiwane	.	P	.	P	P	P	P	P	P	P	P	P	P	P	P	.
132	Priya Sunil Gaurkar	P	P	P	P	P	P	.	P	.	P	P	P	P	P	P	.
133	Puja Ravindra Gaikwad	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P
134	Purva Gulabji Shende	P	P	P	P	P	P	.	P	P	P	.	P	P	P	P	P
135	Rafat Salim Baig	P	.	.	P	P	P	.	P	P	P	.	.	P	P	P	P
136	Ragini Nagendraprasad Tiwari	P	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P
137	Rakhi Murlidhar Tale	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
138	Rashmi Narhari Bire	.	P	P	.	.	P	P	P	P	P	P	P	P	P	P	P
139	Raunak Diuprao Wanjari	P	.	P	.	.	P	P	P	P	P	P	P	P	P	.	P
140	Reshma Narayan Kale	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
141	Rina Rauf Sheikh	P	P	P	P	P	P	P	P	.	P	P	P	P	P	P	P
142	Riya Prakash Wakde	.	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P
143	Rucha Ramesh Borkar	.	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P
144	Ruchika Dnyaneshwar Halmare	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
145	Ruchika Dnyaneshwar Halmare	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P
146	Ruchita Madhukar Musale	P	P	P	P	P	P	P	P	P	.	P	P	P	P	.	P
147	Runali Rajendra Thawkar	P	.	P	P	.	P	.	P	P	P	P	.	P	.	.	P
148	Rupali Marotrao Uike	P	P	P	.	P	.	P	.	P	P	P	P	P	P	P	P
149	Rupali Purushottam Jichkar	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P
150	Rutuja Diup Nagdeote	P	P	P	P	P	.	P	P	P	P	.	P	P	P	P	.

151	Rutuja Gajananrao Paddle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
152	Sahil Ratnakar Gaydhane	P	P	P	P	P	.	.	P	P	P	P	P	P	P	P	P
153	Sakshi Anil Tiwari	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
154	Sakshi Arun Iraskar	P	.	P	P	P	P	.	.	P	P	P	P	P	P	P	.
155	Sakshi Narendra Nagrikar	P	P	.	P	P	P	P	P	P	P	P	P	P	.	P	P
156	Sakshi Sahebrao Nikam	P	P	.	P	P	.	P	.	P	.	P	P	P	P	P	P
157	Sakshi Vijay Wandhare	P	P	P	.	P	.	P	P	P	P	P	P	P	P	P	P
158	Sakshi Yashwant Bhorkar	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
159	Samiksha Diup Dharne	P	P	P	P	P	P	.	P	P	P	P	P	P	.	P	P
160	Samiksha Prakash Raghorte	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
161	Samiksha Tarendra Pal	P	P	P	P	P	P	P	P	P	P	.	P	P	P	P	P
162	Sampada Vasantrao Ghagi	P	.	P	P	.	P	P	P	P	P	.	P	P	P	P	P
163	Samvedana Vijay Ambade	.	P	.	P	.	P	P	P	P	P	.	P	P	P	P	P
164	Sanjam Sanjay Maske	P	P	.	P	.	P	P	.	P	P	P	P	P	P	P	P
165	Saurabh Wamanrao Kite	P	P	P	P	P	.	P	P	P	P	P	P	P	.	P	P
166	Sayali Balu Sukhadeve	P	.	P	P	P	.	P	P	P	P	P	P	P	P	P	P
167	Sayali Vinod Tijare	.	.	P	P	P	P	.	P	P	P	P	P	P	P	P	P
168	Seema Ashok Hedaoo	P	P	.	P	P	P	.	P	.	P	P	P	P	P	P	P
169	Shaila Vijay Nakhate	P	P	.	P	P	P	P	P	.	P	P	P	P	P	P	P
170	Shanghai Charandas Kamble	P	P	P	P	P	.	P	P	P	.	P	P	P	P	P	P
171	Sharayu Sudhakar Khangan	P	P	P	P	P	P	.	P	P	P	P	P	P	.	P	P
172	Shital Yugesh Rotke	P	P	.	P	P	P	.	P	P	P	P	P	P	P	.	P
173	Shivani Ganesh Khokale	P	P	P	P	.	P	P	P	P	P	P	.	P	P	P	P
174	Shrenika Ramrao Kakde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
175	Shreya Mukesh Purushottamwar	P	.	P	P	P	.	P	P	P	P	P	P	P	P	P	.
176	Shreya Suresh Kukde	.	P	P	P	P	.	P	P	P	P	P	P	P	P	P	.
177	Shriya Rajesh Bramhankar	P	P	P	P	P	P	P	P	P	.	P	P	-	P	P	

178	Shruti Ramkrushna Dhoke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
179	Shruti Vishnusingh Surywanshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
180	Shrutika Narayan Deshmukh	P	P	P	P	P	P	P	P	P	P	P	P	:	P	P	P
181	Shrutika Sanjay Mankar	P	P	P	P	P	P	·	P	P	P	P	P	P	P	P	P
182	Shubhangi Banduji Dhanorkar	P	P	P	P	P	P	'	P	P	P	P	P	P	P	P	·
183	Shubhangi Udaram Sorte	P	·	P	P	P	P	'	P	P	P	P	P	P	P	P	P
184	Shweta Ramesh Suryawanshi	P	·	P	P	P	P	·	P	P	P	·	·	P	P	P	P
185	Shweta Suresh Puri	·	·	P	P	·	P	P	P	P	P	·	P	P	P	P	P
186	Siddhi Pralhad Joshi	,	P	P	P	P	P	P	P	P	P	·	P	P	P	P	P
187	Simran Kailash Salunke	P	P	·	P	P	P	P	·	·	P	P	P	P	P	P	P
188	Sintukumar Vinod Gaud	P	P	·	P	P	P	P	P	·	P	P	P	P	P	P	P
189	Sonal Dilip Khot	P	P	P	P	P	P	P	P	P	P	P	P	·	P	P	P
190	Srishti Moropant Titarmare	P	P	P	P	P	·	P	P	P	·	·	P	P	P	P	P
191	Srushti Kisnaji Bhange	P	P	P	P	P	·	P	P	P	·	P	P	P	P	P	P
192	Sumedh Ashok Shrirame ·	P	P	P	P	P	P	P	P	P	P	P	P	P	·	P	P
193	Sumedha Kiran Borkar	·	P	P	P	P	P	·	P	P	P	P	P	·	P	P	P
194	Surbhi Harihar Pathrabe	·	P	P	P	P	P	·	P	P	P	P	P	·	·	P	P
195	Swati Deepak Tule	P	P	P	·	P	P	P	P	P	P	P	·	·	P	P	P
196	Swati Ramrao Rathod	P	P	P	·	P	P	P	P	P	P	P	P	P	P	P	P
197	Tanaya Babarao Mohite	P	·	P	P	P	P	P	P	P	P	P	P	P	P	P	P
198	Tanvi Subhashrao Mohod	P	P	P	·	P	P	P	P	P	P	P	P	P	P	P	P
199	Tejasvini Abhimanyu Kale	P	P	·	P	P	·	P	P	P	P	·	P	P	P	P	P
200	Trupti Bhaduji Raut	P	P	·	P	P	·	P	·	P	P	P	P	P	P	P	·
201	Trupti Sanjog Motghare	P	·	,	P	·	·	P	P	P	P	·	P	P	P	P	·
202	Tushar Ganpatrao Zate	P	·	P	P	·	P	P	P	P	P	·	P	P	P	P	P
203	Tushar Sevakram Sonwane	P	·	P	·	·	P	P	·	P	P	P	P	P	P	P	
204	Ujjwal Pralhadrao Ghuge	P	P	P	P	P	P	P	·	P	·	P	P	P	P	P	P

205	Umesh Prabhakar Kakde																
206	Urwashi Sakharam Dahule																
207	Uzma Afreen Abdul Haque																
208	Vaibhavi Prabhu Hatwar																
209	Vaishali Vinod Muneshva																
210	Vaishnavi Anil Thakre																
211	Vaishnavi Dinkarrao Kakde																
212	Vaishnavi Pandurang Shende																
213	Vaishnavi Prabhu Kinarkar																
214	Vaishnavi Shivshankar Chandekar																
215	Vanita Shyam Bhilkar																
216	Vedprakash Subhashchandra Dwivedi																
217	Vijaysingh Omprakash Rathod																
218	Vikas Yashwant Ambildhuke																
219	Vishwati Gajendra Nimbalkar																
220	Yashashree Ravindra Hande																
221	Yogesh Haridas Chandekar																

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

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MLC & Secretary	Senate Member RTMNU &	Principal
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MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

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Akanksha Khokle

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Flower Arrangement ***for the session*** 2020-2021 .

Adv. Abhijit G. Wanjarri	**Dr. Smeetaa A. Wanjarri**	**Dr. Dilip S. Badwaik**
MLC & Secretary	**Senate Member RTMNU &**	**Principal**
Amar Sewa Mandal, Nagpur	**Treasurer, Amar Sewa Mandal**	**Kamla Nehru Mahavidyalaya, Nagpur**

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
'FLOWER ARRANGEMENT'
2020-2021
Report
(Under Graduate)

Department of Botany had organized a 15 days (30 Hrs) online value added certificate course 'Flower Arrangement' for the UG students.

Objective: The main objective of the value added certificate course was to develop skill regarding Flower Arrangement and how to market the product and develop entrepreneurship within the students.

Observation/ Nature of Activity: Faculties of Department of Botany provided useful information regarding Flower Arrangement techniques with the help of power-point presentation as well as field photographs and video using online platform Google Meet. Also provided depth knowledge regarding how to design, balance flowers in the Floral bouquets, baskets, wreaths and centerpiece and generate income. Students also got the key knowledge on Ikebana. The certificate course was supported by photographs as well as video demonstration on flower arrangements to the students.

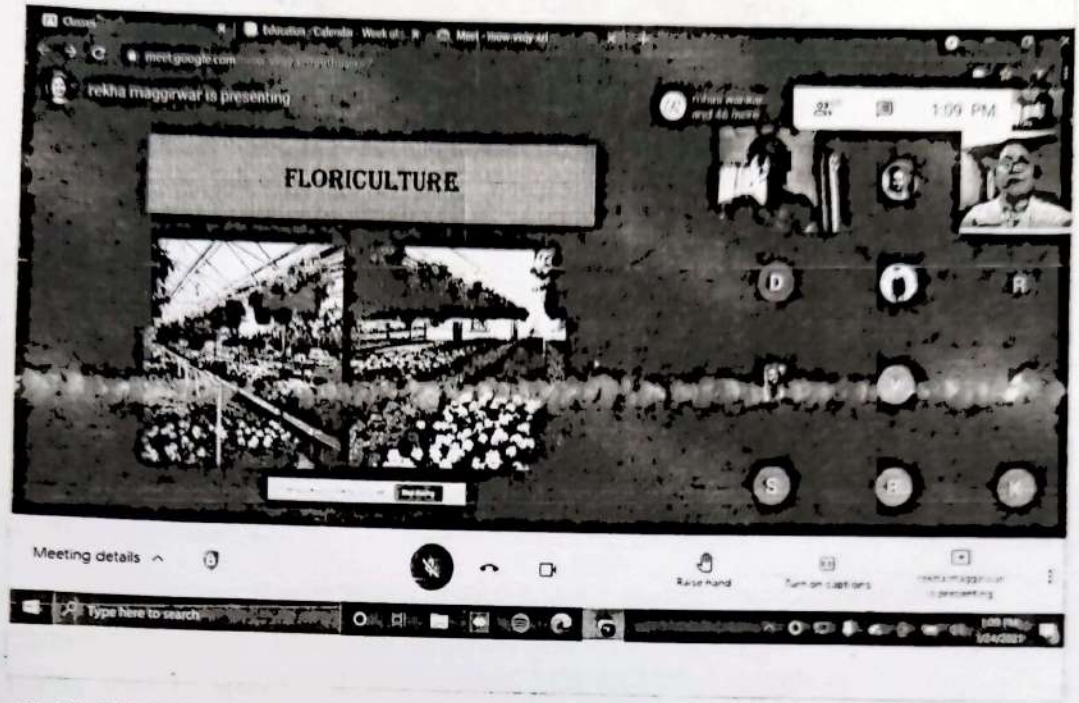
Outcomes:

1. Students got useful information for selecting flowers for Flower Arrangement.
2. Students got knowledge regarding how to identify and use flower according to the occasion.
3. Students got practical knowledge on various types of floral arrangements .
4. Students were motivated to earn while learning.
5. Students became aware regarding new techniques that can be incorporated.

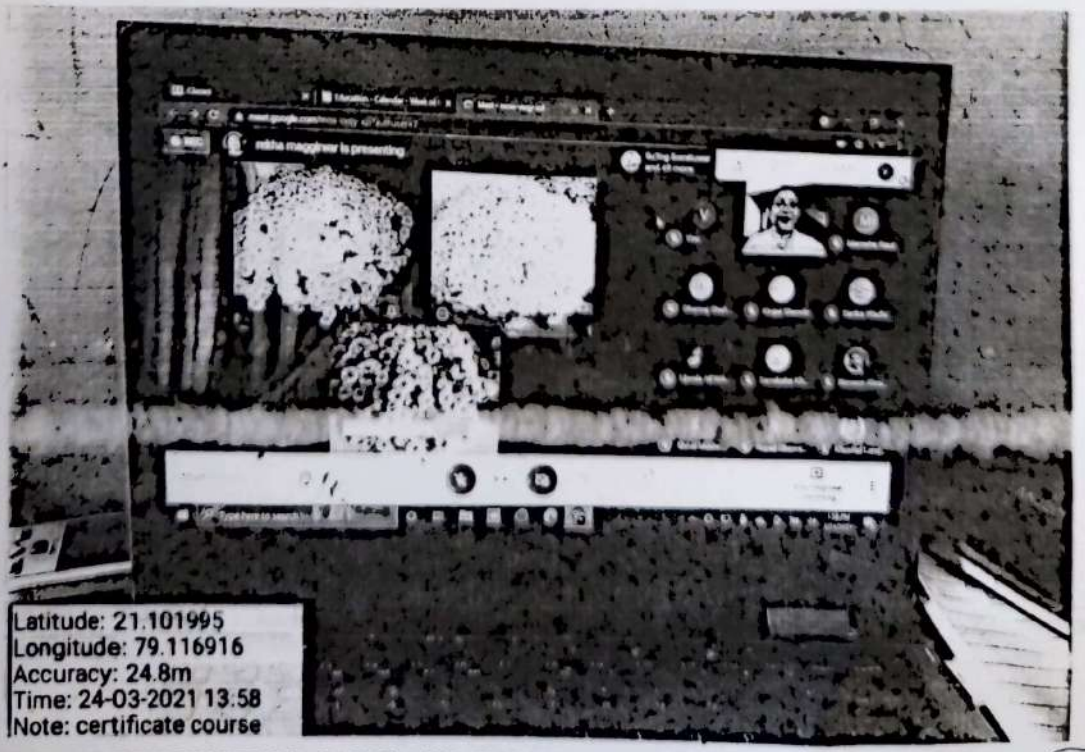
Number of Beneficiaries: The total 221 students of B.Sc sem V got the opportunity to learn and gain the knowledge from this Value Added Certificate Course.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALYA
DEPARTMENT OF BOTANY
ONLINE VALUE ADDED CERTIFICATE COURSE
2020-2021



Dr. V. Y. CHARJAN MA'AM PRESENTING DIFFERENT CHOICE AND TYPES OF FLOWERS USED IN ARRANGEMENTS



SLIDE REPRESNTING CARE AND HANDLING OF CUT FLOWERS.

Principal
Kamla Nehru Mahavidyalaya
Chowk

Amar Sewa Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(NAAC Re-accredited with A+ grade –CGPA 3.53)

Department of Botany
Organizing
Value Added Course and Certificate Course
2020-2021

Course highlight

- **Value added course (30 hrs.)**
  Date: 15/03/2021 to 31/03/2021

  - Flower Arrangement (for B.Sc sem III)
  - Preservation Techniques for Plants (for M.Sc I yr)
  - Miniature Garden (for M.Sc IIyr)

- **Certificate course (60 hrs.)**
  Date: 19/03/2021 to 02/04/2021
  - Nursery Techniques with Special Reference to Floricultutre

For admission contact: Dr. V. Y. Charjan
Head, Department of Botany
Mb. No.- 9373767784

Patrons:

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Seva Mandal
Nagpur

Hon'ble Adv Abhijit Wanjarri
MLC and Secretory, Treasurer,
Amar Seva Mandal, Nagpur

Hon'ble Dr. SmeeteeWanjarri
Amar Seva Mandal
Nagpur

Organizer:
Dr. Dilip Badwaik
Principal

PERMISSION LETTER

To,
The Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Subject: Permission for organizing value added certificate course for M.Sc I yr students.

Resp. Sir.

Department of Botany, Kamla Nehru Mahavidyalaya, request you to grant us the permission to organize value added certificate course on 'Preservation Techniques for Plants' from 15 March, 2021 to 31 March, 2021 for M.Sc I yr students

Kindly grant the permission for above certificate course.

Thank you

Yours truly

Dr. V. V. Charjan

08/03/21

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya

Department of Botany

Online Value Added Certificate Course

'Preservation Techniques for Plants'

2020-2021

Syllabus (Post Graduate)

M.Sc I yr

UNIT I: INTRODUCTION

- Introduction of specimens, targeting collection locations and date with permits.
- Study of types of pressed, dried and wet plant

UNIT II: ALGAL HERBARIUM

- Herbarium for algae with collection, cleaning, pressing, mounting, storage and conservation with all details

UNIT III: PTERIDOPHYTE AND FLOWERING PLANT HERBARIUM

- Herbarium for Pteridophytes and Flowering plant with collection, cleaning, pressing, mounting, drying, storage and conservation with all details.

UNIT IV: USES AND MANAGEMENT

- Key to use of Herbarium details.
- Operation and maintenance importance.

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
' Preservation Techniques for Plants'
Duration – 15 Days (2hrs/per Day)
2020-2021
Time Table (M.Sc I yr)

Days	Time
Monday	12:00 AM - 2:00 PM
Tuesday	12:00 AM - 2:00 PM
Wednesday	12:00 AM - 2:00 PM
Thursday	12:00 AM - 2:00 PM
Friday	12:00 AM - 2:00 PM
Saturday	12:00 AM - 2:00 PM
Sunday	12:00 AM - 2:00 PM

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
'PRESERVATION TECHNIQUES FOR PLANTS'
Duration – 15 Days (2hrs/per Day)
2020-2021
Attendance Sheet (M.Sc I yr)
Date: 15/03/2021 to 31/03/2021

Sr.No.	Name Of Students	15	16	17	18	19	20	22	23	24	25	26	27	29	30	31
1	Aishwarya Dilip Falke	P	P	P	P	P	P	P	P	P	.	P		P	P	P
2	Bhavita Prabhakar Raut	P	P	.	P	P	P	P	P	P	P	P	.	.	P	.
3	Chetana Ambadas Gajbhiye	P	P	P	P	P	P	.	P	P	.		P	P	P	P
4	Isha Shantaramji Belekar	P	P	P	.		P	P	.	P	P	P	P	.	.	P
5	Khushal Baliram Landge	P	.	P	P	P		P	P	P	P		P	P	P	.
6	Mayuri Ravindra Hattewar	P	P	P	P	P	P	.	P	.	P		P	P	P	.
7	Megha Radhelal Patle	P	P	.	.	P		P	P	P	P	P	P	.	P	P
8	Monika Dayaram Narnaware	P	.	P	P		P	.	.	P	P	P	P	P	P	.
9	Nikita Chandu Dhale	P	P	P	.	P	P	P	P	P	P	P	P	P	.	P
10	Nisha Kisnaji Dhawale	P	.	P	P	P	P	.	.	P	.	P	P	P	P	.
11	Niwanti Gajanan Dhongade	P	P	P	.	P	.	P	P	.	P	P	P	P	P	P
12	Pallavi Namdeo Dhoke	P	.	.	P	P	P	-	P	P	P	P	P	P	.	P

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

		7	8	10	11	12	13	15	16	17	18	19	20	21	22	24
13	Pooja Dipakrao Nikhar	P	P	P	P	P	P	P	.	P	P	P	P	.	P	P
14	Pranoti Pramod Ramapure	P	P	P	.	P	P	P	.	P	P	P	P	.	P	P
15	Puja Namdeo Maske	P	P	P	.	P	P	P	.	P	P	P	.	P	P	P
16	Reshma Mukesh Lanjewar	P	.	P	P	P	P	P	P	.	P	.	.	.	P	P
17	Ritu Shivnath Gaikwad	.	.	P	P	P	P	P	P	.	P	.	P	P	P	P
18	Sakshi Jagdish Gajbhiye	.	P	P	P	.	P	P	P	P	P	.	P	P	P	.
19	Saloni Hemant Sharma	.	P	P	P	.	P	P	P	P	.	P	.	.	.	.
20	Samiksha Babarao Dakhare	P	P	.	P	P	P	P	.	P	.	P	P	P	P	.
21	Samiksha Vilas Makde	P	P	.	P	P	P	P	.	P	P	P	.	P	P	P
22	Shranshu Parasmani Zade	P	P	.	P	P	.	P	.	.	P	P	.	P	P	.
23	Shruti Umesh Meshram	P	P	P	.	P	.	P	.	.	P	.	P	P	P	P
24	Shubhangi Dilip Girde	P	P	.	P	P	.	P	.	.	P	.	P	.	P	P
25	Sneha Laxman Shende	.	P	P	.	P	P	P	P	P	.	P	P	P	.	P
26	Tejaswini Pralhad Sawarkar	P	P	.	.	P	P	P	P	P	.	P	P	P	.	P
27	Tejaswini Yadavrao Pilondre	.	P	P	P	.	P	P	P	P	P	P	P	P	P	P
28	Urvashi Yogeshwar Mondhe	P	P	P	P	.	P	P	P	P	P	P	.	P	P	P

Principal
Kamla Nehru Mahavidyal
Sakkardara Chowk, Nag

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

WANJARRI GROUP
redefines education

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Aishwarya Dilip Falke

of the Class M.Sc. I^st year ***for his/her outstanding performance in the field of***

Preservation Techniques for Plants ***for the session*** 2021-2021 .

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

WANJARRI GROUP
redefines education

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Bhavika Prabhakar Raut

of the Class M.Sc. IST year ***for his/her outstanding performance in the field of*** Preservation Techniques for Plants ***for the session*** 2020-2021.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

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(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Chetana Ambadas Gajbhiye

of the Class M.Sc. I^st year ***for his/her outstanding performance in the field of***

Preservation Techniques for Plants ***for the session*** 2020-2021.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

WANJARRI GROUP

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Nisha Kisanji Bhawale

of the Class M.Sc. I^st^ year *for his/her outstanding performance in the field of* Preservation Techniques for Plants *for the session* 2020-2021.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Megha Radhelal Patle

of the Class M.Sc. I^st year ***for his/her outstanding performance in the field of***

Preservation Techniques for Plants ***for the session*** 2020-2021.

Adv. Abhijit G. Wanjarri	**Dr. Smeetaa A. Wanjarri**	**Dr. Dilip S. Badwaik**
MLC & Secretary	**Senate Member RTMNU &**	**Principal**
Amar Sewa Mandal, Nagpur	**Treasurer, Amar Sewa Mandal**	**Kamla Nehru Mahavidyalaya, Nagpur**

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
'Preservation Techniques for Plants'
2020-2021
Report
M.Sc I yr (Post Graduate)

Department of Botany had organized a 15 days (30 Hrs) online value added certificate course 'Preservation Techniques for Plants' for the PG students.

Objective: The main objective of the value added certificate course was to develop skill regarding Preservation Techniques for Plants and how to preserve the different varieties of plants specimen within the students.

Observation/ Nature of Activity: Faculties of Department of Botany provided useful information regarding Preservation Techniques for Plants techniques with the help of power-point presentation as well as field photographs and video using online platform Google Meet. Also provided depth knowledge regarding specimen, target location, how to press, dry and preserve the specimen and generate income. Students also got the key knowledge on different herbarium. The certificate course was supported by photographs as well as video demonstration on preservation techniques to the students.

Outcomes:

1. Students got useful information for selecting plant specimen for preservation.
2. Students got knowledge regarding how to identify and use flower according to the occasion.
3. Students got practical knowledge on various types of herbarium.
4. Students were motivated to earn while learning.
5. Students became aware regarding new techniques that can be incorporated.

Number of Beneficiaries: The total 28 number of students of M.Sc I yr got opportunity to learn and gain the knowledge from this Value Added Certificate Course.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALYA
DEPARTMENT OF BOTANY
VALUE ADDED CERTIFICATE COURSE
2020-2021



STUDENTS ATTENDING ONLINE LECTURE ON PRESERVATION TECHNIQUES OF PLANTS

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Amar Seva Mandal's

Kamla Nehru Mahavidyalaya, Nagpur

(NAAC Re-accredited with A+ grade -CGPA 3.53)

Department of Botany
Organizing
Value Added Course and Certificate Course
2020-2021

Course highlight

- **Value added course (30 hrs.)**
  Date: 15/03/2021 to 31/03/2021

  - Flower Arrangement (for B.Sc sem III)
  - Preservation Techniques for Plants (for M.Sc I yr)
  - Miniature Garden (for M.Sc IIyr)

- **Certificate course (60 hrs.)**
  Date: 19/03/2021 to 02/04/2021

  - Nursery Techniques with Special Reference to Floricultutre

For admission contact: Dr. V. Y. Charjan
Head, Department of Botany
Mb. No.- 9373767784

Patrons:

Hon'ble Dr. Smt. Suhasini Wanjari
President, Amar Seva Mandal
Nagpur

Hon'ble Adv Abhijit Wanjarri
MLC and Secretory, Treasurer,
Amar Seva Mandal, Nagpur

Hon'ble Dr. SmeeteeWanjarri
Amar Seva Mandal
Nagpur

Organizer:
Dr. Dilip Badwaik
Principal

Botany

Kamla Nehru Mahavidyalaya

Department of Botany

Online Value Added Certificate Course

'Miniature Gardens '

2020-2021

Syllabus (Post Graduate)

M.Sc II yr

UNIT I: INTRODUCTION TO MINIATURE GARDEN

- Scope and objectives of gardening
- Style of gardens: Formal, Informal, gardening tools, potting soil, types of propagation
- Principles and making of Terrarium and Kokedama.

UNIT II: TYPES AND IMPORTANCE OF MINIATURE GARNDEN

- Concept of vertical gardens, Small area greening.
- Plants suitable for office space with aesthetic value, break office monotony, air purifier.

UNIT III: LAYOUTS OF MINIATURE GARDEN AND COMPOSTING

- Importance of layout and principles in kitchen and balcony garden.
- Composting and micro greens.

UNIT IV: MINIATURE GARDEN MANAGEMENT

- Gardening management operations: soil laying, manuring, watering.
- Management of pests and diseases with complete cure.

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
'Miniature Gardens'
Duration – 15 Days (2hrs/per Day)
2020-2021
Time Table (M.Sc II yr)

Days	Time
Monday	12:00 AM - 2:00 PM
Tuesday	12:00 AM - 2:00 PM
Wednesday	12:00 AM - 2:00 PM
Thursday	12:00 AM - 2:00 PM
Friday	12:00 AM - 2:00 PM
Saturday	12:00 AM - 2:00 PM
Sunday	12:00 AM - 2:00 PM

Principal
Kamla Nehru Mahavidyalay
Sakkardara Chowk, Nagpu

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
'MINIATURE GARDEN'
Duration – 15 Days (2hrs/per Day)
2020-2021
Attendance Sheet (M.Sc II yr)
Date: 15/03/2021 to 31/03/2021

r.No.	Name of Students	15	16	17	18	19	20	22	23	24	25	26	27	29	30	31
1	Ankita A. Thakare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Ashwini V. Neralwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Bhagyashree B. Kadhe	P	P	P	P	.	P	P	P	P	P	P	.	P	P	P
4	Dipali M. Bharde	P	P	P	P	.	P	P	P	P	P	P	.	P	P	.
5	Diksha G. Fuse	P	.	P	P	P	P	P	P	P	P	P	.	.	P	.
6	Diksha R. Wahane	A	.	P	P	P	P	P	P	P	P	P	P	.	P	P
7	Dimpe Kore	P	P	P	P	P	P	P	P	P	P	P	P	.	P	P
8	Manisha P. Raut	P	P	P	.	P	P	P	.	.	P	P	P	P	P	P
9	Nanda M. Meshram	P	P	P	.	P	P	.	.	.	P	.	P	.	P	P
0	Pallavi S. Nayak	A	.	P	.	P	.	.	P	.	P	.	P	.	P	.
1	Puja N. Udole	.	P	.	P	P	.	.	P	P	P	.	P	P	.	.
2	Priyanka B. Damahe	P	P	.	P	P	.	P	P	P	P	P	P	P	.	P

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nag

		15	16	17	18	19	20	22	23	24	25	26	27	29	30	31
13	Ruma T. Dhali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Rupali D. Dhawale	.	.	P	P	P	P	P	P	P	P	P	P	.	.	P
15	Rutuja Tulankar	P	P	P	P	P	P	P	P	P	P	P	P	.	P	P
16	Santoshi S. Khorgade	.	P	P	P	.	.	P	.	.	P	P	P	.	.	P
17	Sarika R. Wadhi	P	P	P	P	.	.	P	P	.	P	.	P	P	P	P
18	Shrutika A. Gaikwad	P	.	P	.	P	.	P	P	P	P	.	P	P	P	P
19	Sneha Sahare	P	P	.	.	P	P	P	P	P	P	.	P	P	P	.
20	Ujwala Neware	P	.	P	P	P	P	P	P	P	P	P	P	P	P	.
21	Shweta K. Bangre	P	P	.	P	P	P	.	P	.	P	P	P	P	P	P
22	Vaishnavi B. Torkadi	P	P	P	P	.	P	.	P	P	P	P	P	P	P	P

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

WANJARRI GROUP
redefines education

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certifcate of Excellence

Value Added Course

This certificate is proudly awarded to

Abhaini V Nerakwar

of the Class M.Sc. IInd year ***for his/her outstanding performance in the field of***

Miniature Garden ***for the session*** 2020-2021.

Adv. Abhijit G. Wanjarri
MLC & Secretary

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Manisha P. Raut

of the Class M.Sc. IInd year ***for his/her outstanding performance in the field of***

Miniature Garden ***for the session*** 2020 2021.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

WANJARRI GROUP
redefines education

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Pallavi S. Nayak

of the Class M.Sc. IInd year ***for his/her outstanding performance in the field of***

Miniature Garden ***for the session*** 2020-2021.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

WANJARRI GROUP
redefines education

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Diksha G. Fuse

of the Class M.Sc. IInd year ***for his/her outstanding performance in the field of***

Miniature Garden ***for the session*** 2020 - 2021 .

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

(Reaccredited A+ Grade with CGPA 3.53)

Sakkardara Square, Nagpur - 440024

WANJARRI GROUP

Certificate of Excellence

Value Added Course

This certificate is proudly awarded to

Ashwini V Neralwar

of the Class M.Sc. IInd year *for his/her outstanding performance in the field of*

Miniature Garden *for the session* 2020-2021.

Adv. Abhijit G. Wanjarri
MLC & Secretary
Amar Sewa Mandal, Nagpur

Dr. Smeetaa A. Wanjarri
Senate Member RTMNU &
Treasurer, Amar Sewa Mandal

Dr. Dilip S. Badwaik
Principal
Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya
Department of Botany
Online Value Added Certificate Course
'Miniature Garden'
2020-2021
Report
M.Sc II yr (Post Graduate)

Department of Botany had organized a 15 days online value added certificate course 'Miniature Garden' for the PG students.

Objective: The main objective of the value added certificate course was to develop skill regarding Miniature Garden and how to use different gardening tools, potting and many more within the students.

Observation/ Nature of Activity: Faculties of Department of Botany provided useful information regarding Miniature Garden and how to use different gardening tools, potting and methods of propagation with the help of power-point presentation as well as field photographs and video using online platform Google Meet. Also provided depth knowledge regarding principles and making of Terrarium and Kokedama. and generate income. Students also got the key knowledge on different types of gardens such as kitchen garden, vertical garden and so on. The certificate course was supported by photographs as well as video demonstration on how to prepare Miniature Garden to the students.

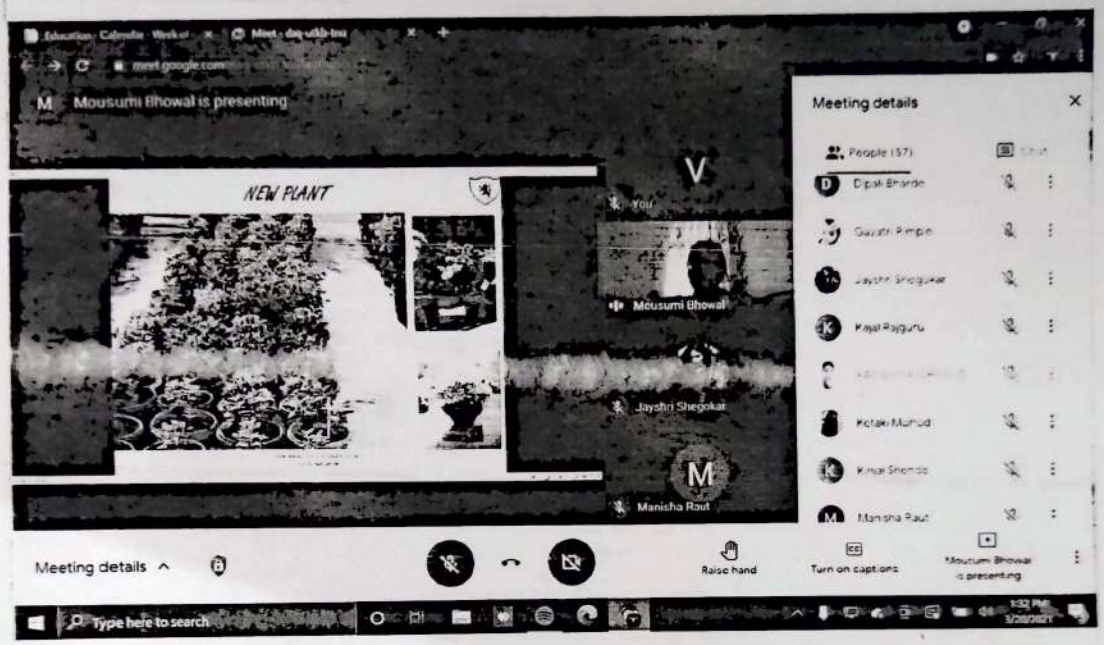
Outcomes:

1. Students got useful information for selecting plant specimen for miniature garden.
2. Students got knowledge regarding how to identify and use plants according to the types of garden.
3. Students got practical knowledge on Terrarium and Kokedama.
4. Students were motivated to earn while learning.
5. Students became aware regarding new techniques that can be incorporated.

Number of Beneficiaries: The total 20 number of students of M.Sc II yr got opportunity to learn and gain the knowledge from this Value Added Certificate Course.

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALYA
DEPARTMENT OF BOTANY
VALUE ADDED CERTIFICATE COURSE
2020-2021



STUDENTS ATTENDING ONLINE LECTURE ON MINITAUTRE GARDEN

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Affiliated to RTM Nagpur University, Nagpur, Recognised by State Government

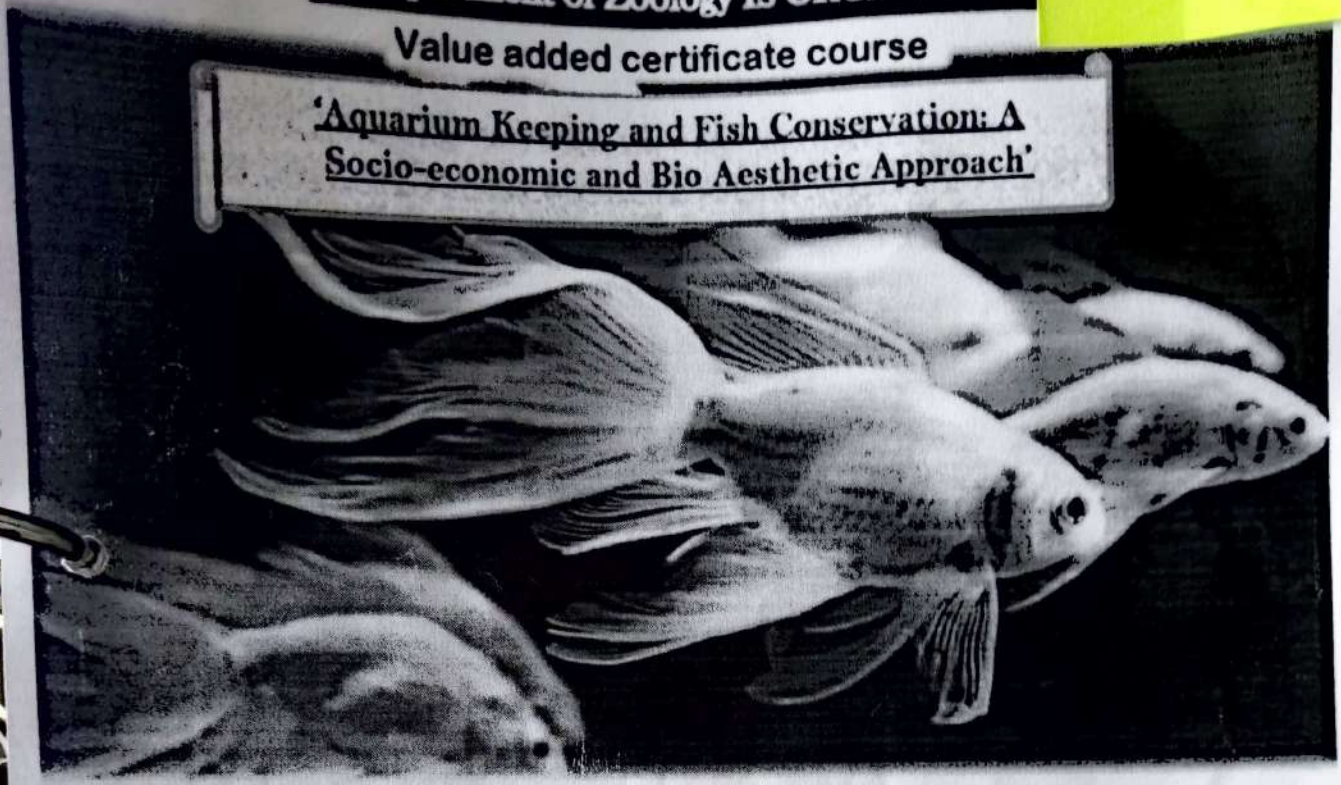
Re-accredited by NAAC with (A+) grade (CGPA 3.53)

100

Department of Zoology IS ORGANIZING

Value added certificate course

'Aquarium Keeping and Fish Conservation: A Socio-economic and Bio Aesthetic Approach'



- The courses conducted is offline
- To improve employability skill of students
- To provide an opportunity to students to develop inter- disciplinary skill
- To bridge the skill gap
- E-certificate get directly on their registered E-mail

DATE	TIME
9-23 SEP. 2020	1:00 – 2.00 PM

CONVENOR

Dr. D. R. Saxena
Head of Zoology Department





4. To inculcate the importance and methods of ornamental fish farming, as well as the many approaches of handling and marketing.
5. Students gains business acumen and is thereafter prepared to support themselves.

Course structure:

- Total Teaching Hours- 30 hrs

Syllabus:

Unit- I: **5 Hrs**

The potential scope of aquarium keeping:knowing types of aquaria,aquarium maintenance, setting of aquarium of different sizes (home, office, hotels, tourist centric, zoos, research laboratories etc.), estimates of money to be incurred on space, materials, skilled and unskilled man power needed and equipment's to craft aquarium.

Unit- II: **5 Hrs**

Ornamental fish farming management aspects: Ornamental fish-diseases and their management, live food culture for tropical ornamental fish, feeding for breeding and maintenance of ornamental fish and health management in ornamental fish farming.

Unit- III: **5 Hrs**

Fish breeding and rearing of egg layers: Breeding of ornamental fish with reference to selected egg layer species. Introduction to breeding of Angel fish, Zebra fish and Neon tetra. Introduction of hatchery management system for egg layers. Nursery management of egg layerswith special emphasis on breeding of Gold fish, Advantages and disadvantages of ornamental fish breeding.Theoretical knowledge of transgenic fish technology globally and in India.

Unit- IV: **5 Hrs**

Conservation and future prospects in ornamental fish industries in India and abroad.Co - marketing of transgenic fishes in world and India. Filling the demand supply gap. Field visit to the local aquaria. Ornamental new dimensions in aquaculture entrepreneurship (less space and other requirement). Packaging and transport of aquarium species – export units – marketing strategy regulations for export of fish, etc.

PRACTICALS

10 Hrs

1. Preparation of an aquarium tank of suitable size.
2. Identify, classify and describe any five an aquarium fishes.
3. Study of breeding in live bearer
4. Identify and describe, aquarium decorative plants, natural food, artificial food (pallets, flakes, powders, etc.), live food organism, etc.
5. Identify and describe egg layers and transgenic fishes (any five).
6. Aquarium fish diseases

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya, Nagpur

Department of Zoology

Session 2020-2021

Value Added Certificate Course

'Aquarium Keeping And Fish Conservation: A Socio-Economic And Bioaesthetic Approach'

Time Table (Under Graduate)

Days	Time
Monday	12 Noon – 2:00 PM
Tuesday	12 Noon – 2:00 PM
Wednesday	12 Noon – 2:00 PM
Thursday	12 Noon – 2:00 PM
Friday	12 Noon – 2:00 PM
Saturday	12 Noon – 2:00 PM

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya, Nagpur

Department of Zoology

Value Added Certificate Course 'Aquarium keeping and fish conservation: A socio-economic and bioaesthetic approach'

Session 2020-2021

Attendance sheet

Sr. No.	Name of Students	5/9	7/9	8/9	9/9	10/9	11/9	12/9	14/9	15/9	16/9	17/9	18/9	21/9	22/9	23/9
1.	Aaditi Naresh Malghade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	Aafreen Ayyub Sheikh	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P
3.	Aakansha Arun Aanade	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
4.	Abhay Prabhakar Saneshwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	Achal Ashok Aglawe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	Achal Suresh Kamble	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
7.	Ajinkya Kamlakar Samatkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	Akhilesh Janardhan Halmare	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
9.	Akshata Sanjay Rotke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	Akshita Ajay Gupta	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	Amruta Vinod Bhange	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
12.	Aniket Arun Gajbhiye	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P

13.	Aniket Yogiraj Bedarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	Anjali Madhukar Nagoshe	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	Ankita Bipin Yadav	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
16.	Ankush Rajkumar Chourasiya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	Anushree Anil Khanorkar	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	Anushree Deepakrao Date	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
19.	Apeksha Suresh Wandre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	Apurva Sunil Wakale	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
21.	Arpita Gunwant Dakhole	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
22.	Arvind Jitlal Gayakwad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	Ashwini Manohar Wanjari	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	Atul Shankar Kshirsagar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	Ayuri Chandrashekar Nandurkar	P	P	P	P	P	A	P	P	P	P	A	P	A	P	P	P	P	P
26.	Ayushi Deepakrao Date	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27.	Bhavika Pralhad Pathode	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28.	Bhuwaneshwari Ramesh Mowale	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29.	Chaitali Pramod Waikar	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
30.	Chaitali Suresh Deshmukh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
31.	Daivyani Wamanrao Kolhe	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P

32.	Damini Arvind Wasnik																
33.	Dhanashree Babanrao Sawarkar																
34.	Dhanshri Eknath Kale																
35.	Dhanvinay Yeshwant Durge																
36.	Diksha Dnyaneshwar Dhore																
37.	Dimple Sunil Malviya																
38.	Divya Ravindra Nakhate																
39.	Divya Subhash Nagrale																
40.	Dnyaneshwari Mahadeo Nimje																
41.	Gaurav Raju Wankhede																
42.	Gauri Purushottam Dhurve																
43.	Gayatri Haribhau Ighe																
44.	Gayatri Shailesh Tijare																
45.	Gouri Prakash Upasani																
46.	Harsha Jagdish Poddar																
47.	Harsha Rajesh Shelote																
48.	Hemant Narayan Gorle																
49.	Himagni Harekrishna Biswas																
50.	Himanshi Satish Junghare																

51.	Isha Anil Baraskar	A	P	P	P	P	P	P	P	P	P	P	P	P	P					
52.	Jagruti Pranaeh Bhiwgade	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P			
53.	Janhvi Rajkumar Zade	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P			
54.	Jayashree Suresh Ramtekkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
55.	Jayesh Deepak Ramteke	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P			
56.	Jyotsana Jagdish Vaidya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
57.	Kajal Kripashankar Yadav	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P			
58.	Kalyani Milind Tiple	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P			
59.	Kalyani Sunil Wanjari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
60.	Kamakshi Manoj Pandey	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
61.	Karishma Panjabrao Gharde	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P			
62.	Kaveri Purushottam Shende	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
63.	Khushbu Jagdish Naktode	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P			
64.	Kishori Avinash Amrutkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
65.	Komal Bhagwan Dhawale	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P			
66.	Komal Gopal Ghatole	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
67.	Komal Shankarrao Jogi	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P			
68.	Komalchandra Rashimani Pandey	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P			
69.	Kshitiz Suresh Pillewan	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P			

70.	Kunal Chanrat Mankar	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
71.	Leena Yogesh Likhar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
72.	Madhav Mukund Parate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
73.	Mahesh Kakaji Harde	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
74.	Mahima Pravin Jaiswal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
75.	Mahima Vitthalrao Suryawanshi	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
76.	Manish Lekharam Nakhate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
77.	Manjusha Patiram Kambli	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
78.	Mansi Moreshwar Gujarkar	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
79.	Mayuri Dilip Hatwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
80.	Mayuri Rajendra Ukinkar	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
81.	Mayuri Sunil Deogirkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
82.	Meenakshi Vinod Gour	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
83.	Megha Gurudevji Tajne	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
84.	Minal Ganesh Daf	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
85.	Mohini Arvindrao Jaipurkar	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
86.	Mohini Vilas Dhawale	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
87.	Monika Subhash Kalamkar	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
88.	Mrunalini Nandkishor Atalkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

89.	Mukul Arun Vaidya	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
90.	Navin Narendra Gurve	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
91.	Nayan Rajesh Pathak	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
92.	Neha Hanumantrao Bhoyar	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
93.	Neha Motilal Titirmare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
94.	Neha Mukundrao Akre	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
95.	Neha Pundlik Thombare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
96.	Neha Surendra Harne	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
97.	Nidhi Banduji Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98.	Nikhita Arvind Bante	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
99.	Nikita Naresh Thakare	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
100	Nikita Prabhu Meshram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
101	Nikita Sudhakar Dharne	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
102	Nilam Kamlesh Jaiswal	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
103	Nilesh Rajendra Tarar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
104	Nisha Devidas Sarode	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
105	Nisha Namdeo Kubde	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
106	Nitu Jagatnarayan Mahule	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
107	Palak Machhindra Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

108	Pallavi Hari Parse	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
109	Payal Dilichand Patle	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
110	Payal Raju Gajbhiye	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
111	Payal Suresh Ganar	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
112	Pooja Manohar Ghumare	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
113	Pooja Pradip Wadibhasme	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
114	Pooja Ravindra Janbandhu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
115	Poonam Dilip Kumbhare	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
116	Prachi Ghanshyam Meshram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
117	Prachi Kishor Barsagade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
118	Prachi Komalchand Harode	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
119	Prachi Sunil Raut	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
120	Prachi Suresh Pimpalkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
121	Pragati Sanjay Tulaskar	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
122	Prajakta Ganpat Jengathe	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
123	Prajakta Rajendra Hajare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
124	Pranali Bramhanand Kurzekar	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
125	Pranali Kishor Fulmali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
126	Pranjali Devendra Shahu	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P

127	Pratik Pradeep Damankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
128	Pratiksha Pankaj Gajbhiye	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
129	Pratithi Jagan Uikey	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
130	Prerak Pradeep Patil	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
131	Priya Manohar Ther	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
132	Priya Sachin Sawarkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
133	Priyal Prakash Lonare	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
134	Purvita Dinesh Khedikar	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
135	Radha Ishwar Dahikar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
136	Rahul Dnyaneshwar Borikar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
137	Rahul Laxmanrao Dhakate	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P	P	P
138	Rashmi Madhukar Ghotekar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
139	Rasika Changdev Thawkar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
140	Rewati Jagdish Bhosale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
141	Rinkesha Subhashrao Gurunule	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
142	Rinkle Sanjay Mungale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
143	Riya Sanjay Baghele	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P
144	Rubab Firdous Abdul Wahab	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
145	Ruchika Jaipal Dhande	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P	P	P	P

146	Ruchika Sanjay Mohadikar	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
147	Rupali Gajanan Khanderao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
148	Rupali Janak Gedam	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
149	Rushali Manoj Udole	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
150	Rutuja Dinesh Shinde	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
151	Sachika Chandrashekhar Barmate	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
152	Sahil Vinayak Badge	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
153	Sailee Narayan Ingle	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
154	Sakshi Arvind Kapse	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
155	Sakshi Deorao Borkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
156	Sakshi Naresh Aundhekar	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
157	Sakshi Sunil Lambat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
158	Sameya Parveen Mohammad Abid Sheikh	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
159	Samiksha Nitin Kale	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
160	Samiksha Satish Tinkhede	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
161	Samiksha Wasudeo Mehar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
162	Samruddhi Rajendra Hatwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
163	Sandeep Satish Manwatkar	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
164	Sanika Arun Deshmukh	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P

165	Saurabh Ravindra Khandait	A	P	P	P	P	P	P	P	P	P									
166	Sayali Anil Shivankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
167	Sayali Bhimrao Ramteke	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
168	Sayli Rajesh Barde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
169	Shahana Kausar Ashique Ali	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
170	Shantanu Sanjay Bawankar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
171	Sharanga Dilip Juare	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
172	Shital Banduji Tijare	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
173	Shivani Arvind Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
174	Shraddha Dudhram Mure	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
175	Shreya Satish Ambare	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
176	Shreya Vilasrao Shinde	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
177	Shruti Manoj Fulzele	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
178	Shruti Sunil Godbole	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
179	Shruti Suresh Jagnade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
180	Shrutika Padmakar Choudhari	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
181	Shubham Arjun Tiwari	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P	P
182	Shubham Laxman Baghele	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
183	Shubhangi Sunil Kukwas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

184	Shweta Laxman Satpute	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
185	Shweta Sunil Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
186	Shyamli Vijay Salodkar	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
187	Simran Dnyaneshwar Ramteke	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
188	Sneha Ramesh Sadawarte	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
189	Snehal Vijay Bagade	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P
190	Sourabh Vinayak Badge	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
191	Srushti Vijay Pichkate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
192	Sudhanshu Vinayak Rangari	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
193	Sumit Pramod Dhomane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
194	Suraj Rajkumar Jamgade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
195	Suyog Chandrashekhar Somkuwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
196	Swati Fulchand Kanoje	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P	P
197	Sweenal Sharad Lade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
198	Tanvi Santosh Sattabhayya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
199	Tejasvini Mukund Hiwanj	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
200	Tejswini Nanaji Chavhan	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
201	Trupti Siddharth Shende	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
202	Trupti Vilas Banwade	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P

203	Twinkle Subhash Kawade	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
204	Umatai Jangalu Bhoyar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
205	Urmila Prakash Waindeshkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
206	Utkarsha Sanjay Gawali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
207	Vaibhav Shankarrao Singanjude	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
208	Vaibhavi Prashant Pohare	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
209	Vaishali Rajendra Valukar	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
210	Vaishnavi Avinash Jagtap	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
211	Vaishnavi Ganeshrao Shelwante	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
212	Vaishnavi Panjabrao Chavhan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
213	Vaishnavi Ramkrushna Wandhare	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
214	Vaishnavi Vijay Singh Rathod	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
215	Vedant Ravishankar Ghoradkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
216	Vedika Rajendra Dhamankar	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
217	Venal Jagdhish Hatwar	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
218	Vishakha Keshao Wankhede	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
219	Yamini Krishna Bhoware	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
220	Yash Pramod Tannerwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
221	Yashashree Sudhir Lute	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P

Principal
Kamla Nehru Mahavidyalaya

VALUE ADDED

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Kamla Nehru Mahavidyalaya, Nagpur

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Re-accredited by NAAC with (A+) grade (CGPA 3.53)

Department of Zoology Session- 2020-2021

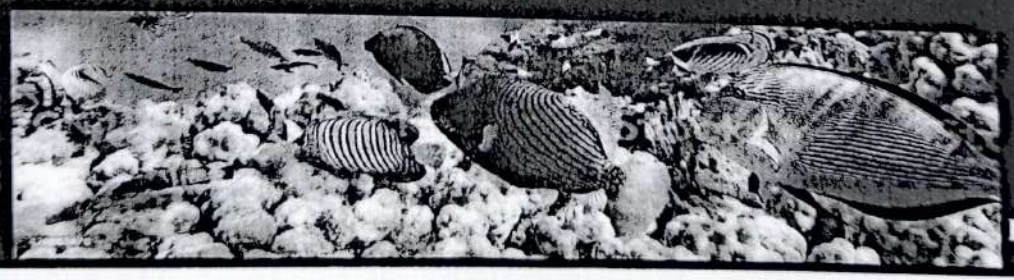
CERTIFICATE OF COMPLETION

Miss./ Mast. Ayushi Deepakrao Date

Has successfully completed value added certificate course

'Aquarium Keeping and Fish Conservation: A Socio-economic and Bio Aesthetic Approach'

By continuing to learn, you have expanded your perspective, sharpened your skill, and make oneself excellent. Program conducted on 05-23 Sep.



Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Dr. D. R. Saxena
Head of Zoology Department
Kamla Nehru Mahavidyalaya, Nagpur

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Department of Zoology Session- 2020-2021

CERTIFICATE OF COMPLETION

Miss./ Mast. Hemant Narayan Gorale

Has successfully completed value added certificate course

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Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,
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DRSaxena

Dr. D. R. Saxena
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VALUE ADDED

Department of Zoology **Session- 2020-2021**

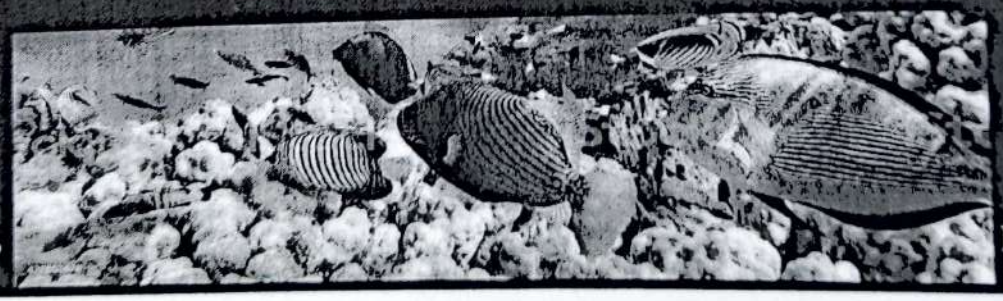
CERTIFICATE OF COMPLETION

Miss./ Mast. Komal Shankarrao Jogi

Has successfully completed value added certificate course

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Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,
Nagpur

Dr. D. R. Saxena
Head of Zoology Department
Kamla Nehru Mahavidyalaya, Nagpur

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Department of Zoology Session- 2020-2021

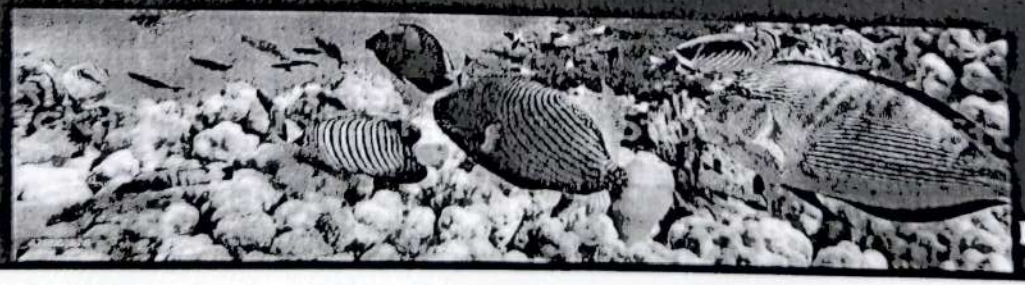
CERTIFICATE OF COMPLETION

Miss./ Mast. Neha Mukundrao Akare

Has successfully completed value added certificate course

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Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,
Nagpur

DRSaxena

Dr. D. R. Saxena
Head of Zoology Department
Kamla Nehru Mahavidyalaya, Nagpur

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Department of Zoology **Session- 2020-2021**

CERTIFICATE OF COMPLETION

Miss./ Mast. Samiksha Nitin Kale

Has successfully completed value added certificate course

'Aquarium Keeping and Fish Conservation: A Socio-economic and Bio Aesthetic Approach'

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Dr. D. S. Badwaik
Principal
Kamla Nehru Mahavidyalaya,

DRSaxena

Dr. D. R. Saxena
Head of Zoology Department
Kamla Nehru Mahavidyalaya, Nagpur

Kamla Nehru Mahavidyalaya, Sakkardara, Nagpur

Department of Zoology

Session 2020-2021

Report: Value added certificate course on Aquarium keeping

Date: 09-23/09/2020

Objectives-

1. The goal of this certificate programme is to teach students the fundamentals of aquarium fabrication, setup, and maintenance.
2. Keeping ornamental fish is becoming more and more popular with the general people.
3. The goal of the aquarium-keeping course is to familiarise the students with the construction, installation, and upkeep of a home aquarium.
4. Understanding of fish biology, species compatibility, and reproductive techniques.

Actual Program-

Department of Zoology, Kamla Nehru Mahavidyalaya, Sakkardara, Nagpur conducted value added certificate course on 09 – 23 September, 2020. This is the best practice of the department. The topic of the course was "**Aquarium Keeping and Fish Conservation: A Socio-economic and Bioaesthetic Approach**". This course was conducted only for BSc. Graduate students. It is a student centric short-term course than can be practice at a domestic and low to large scale level. The course is important because of tremendous scope for cottage industry. The student attaineded theory and practical classes. Under this skill-based course, the students are trained in aquarium making and theory related to fish keeping. Practical work included aquarium making and collection of ornamental fishes. Fisheries 55% of skill training is based on practical knowledge than theory. The students were awarded certificate on their registered E-mail address.

Outcome of events:

After completion of this course, students will be able-

1. Students gain knowledge about the biology and care of ornamental fish and may manage their own aquariums.

2. To provide information about glass aquarium building and upkeep.
3. To inculcate the importance and methods of ornamental fish farming, as well as the many approaches of handling and marketing.
4. Students gains business acumen and is thereafter prepared to support themselves.

Beneficiaries: 221 participated students

Amar Sewa Mandal's

KAMLA NEHRU MAHAVIDYALAYA

Sakkardara Square, Nagpur - 440024

A+ GRADE RE-ACCREDITED BY NAAC With 3.53 CGPA

Department of Physics

2020 - 2021

Organizes

"Skill Oriented Certificate Course on"

Maintenance of Domestic Appliances

15 th April - 14 th May 2021

Duration : 30 Hrs

Registration Fees - Rs. 200/-

"Value Added Course on"

For UG : i) Basic Instrumentations

ii) Identification & Study of Electronics Components

For PG : Designing Regulated & Un regulated power Supply

01 st Sept - 30 th Sept 2020

Duration : 30 Hrs

No Registration Fees

Limited Seats are available

Contact Details

Head of Department

Prof. V. R. Kharabe
7709118666

Co-ordinator

Dr. A. P. Mahajan
8805934777

To,
The Principal,
Kamla Nehru Mv.
Nagpur

Subject:- Permission for conducting value added course for UG and PG in dept. of Physics (2020-21)

For UG:- (I) Basic Instrumentation
(II) Identification & study of Electronics components.

PG:- (I) Designing Regulated and unregulated Power supply.

Sir,

This is to inform you that dept. of Physics is conducting value added course for UG (B.Sc. I) & PG (M.Sc. I) students.

Therefore kindly give permission to conduct this course.

Thanking you

Granted
Permission

PRINCIPAL
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Yours faithfully

(V.R. Idarabe)

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
DEPARTMENT OF PHYSICS
VALUE ADDED PROGRAM
2020-2021

Name of Program: 1. Basics of Instrumentations

2. Identification & Study of Electronics

When working with such heavy and dangerous equipment, getting accurate measurements can be a very difficult process. This is why instrumentation is so important. Because of the number of processes involved in modern machines, accurate instrumentation is needed to ensure that everything is operating properly. In the present value-added program go through a well-defined syllabus as follows;

1. Basics of Instrumentations

Least counts and measurements using calculation of

a) Vernier Calliper
b) Screw Gauge
c) Travelling Microscope
d) Spectrometer
e) Ammeter
f) Voltmeter, Analog Multimeter and Digital Multimeter

2. Identification and Study of Electronics Components

a) Capacitors
b) Resistors
c) Potentiometer
d) Transistor
e) Diodes

Principal
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Sakkardara Chowk, Nagpur.

KAMLA NEHRU MAHAVIDYALAYA NAGPUR

DEPARTMENT OF PHYSICS

VALUE ADDED PROGRAM (2020-2021)

On

1. Basics of Instrumentations 2. Identification & Study of Electronics

SYLLABUS DISTRIBUTION

(I) Information of Course Co-ordinator (To be appointed for the Course):

Name And Address	Qualification	Experience
Mrs.Vandana R. Kharabe Head Dept. of Physics, Kamla Nehru Mahavidyalaya, Nagpur-440024	M.Sc., PGDCS.BA (E. Lit)	33 years

(II) Information of Faculty Members (To be appointed for the course)

Sr. No.	Name of the Faculty Member	Qualification	Topics	Full Postal Address
1.	Dr. S. A. Bhagat	M.Sc., Ph.D	The theory, least counts and measurements of Vernier calliper, screw gauge and travelling microscope.	K.N.M. Nagpur
2.	Dr. S. P. Puppalwar	M.Sc., Ph.D	The working and use of spectrometer, ammeter, voltmeter, digital and analogue multimeters.	K.N.M. Nagpur
3.	Dr. A. P. Mahajan	M.Sc., SET, GATE, Ph.D	The theory of various electronic and electrical components including resistors, capacitors, diodes and potentiometer.	K.N.M. Nagpur

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Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya, Nagpur

Department of Physics

Short Term Certificate Course

On

Basics of Instrumentations and Study of electronics components

Academic Session 2020-2021 **Duration: 1 Month (1hr/day)**

Time Table

	Day/Time	1.00 pm to 2.00 pm
DAY 1	Monday	VRK
DAY 2	Tuesday	SPP
DAY 3	Wednesday	SAB
DAY 4	Thursday	APM
DAY 5	Friday	VRK/SAB
DAY 6	Saturday	SPP/APM

VRK - Mrs. V. R. Kharabe (K.N.M. Nagpur)

SAB - Dr. S. A. Bhagat (K.N.M. Nagpur)

SPP - Dr. S. P. Puppalwar (K.N.M. Nagpur)

APM – Dr. A. P. Mahajan (K.N.M. Nagpur)

Mrs. V. R. Kharabe
Head, Department of Physics,
Kamla Nehru Mahavidyalaya, Nagpur

Dr. D. S. Badwaik
Kamla Nehru Mahavidyalaya,
Nagpur

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

Kamla Nehru Mahavidyalaya, Nagpur

Department of Physics

Attendance Sheet

Value-added program

Course Name: **1. Basics of Instrumentations 2. Identification & Study of Electronics**

Academic Session 2020-2021

Duration: 1st Sept 2020 to 30th Sept 2020 (One Month)

Sr. N.	Name of Students	1/09	2/09	3/09	04/09	5/09	7/09	8/09	10/09	11/09	12/09	14/09	15/09
1.	AACHAL SANJAY ZANJAL	P	P	P	P	P	P	P	P	P	P	P	P
2.	ABHISHEK CHUNNILAL SHENDE	P	A	P	P	P	P	P	P	P	P	P	P
3.	ACHAL JAYLAL RATHOD	P	P	P	P	P	P	P	P	P	P	P	P
4.	ACHAL PRAVIN ZADE	P	P	P	P	P	P	P	P	P	P	P	P
5.	ADESH DNYANESHWAR RAUT	P	P	P	P	P	P	P	P	P	P	P	P
6.	ADITI DATTA GOUR	P	P	P	P	P	P	P	P	P	P	P	P
7.	ADITI RADHESHYAM GUPTA	P	P	P	P	P	P	P	P	A	P	P	P
8.	ADITYA SHANKARSINGH RATHOD	P	P	P	P	P	A	P	P	P	P	P	P
9.	ADITYA SUNIL KUKWAS	P	P	P	P	P	P	P	P	P	P	P	A
10.	AISHWARYA SURESH HEDAOO	P	P	P	P	P	P	P	P	P	P	P	P
11.	ALINA WAHID SHEIKH	P	P	P	P	P	P	P	P	P	P	P	P
12.	ANKITA SANJAY BARAPATRE	P	P	P	P	P	P	P	P	P	P	P	P
13.	AYUSH MAHENDRA KOPULWAR	P	P	P	P	P	P	A	P	P	P	P	P
14.	AYUSHI BHASKAR WANKHEDE	P	P	A	P	P	P	P	P	P	P	P	P
15.	BHUSHAN SAMBHAJI CHANDANBAWANE	P	P	P	P	P	P	P	P	P	P	P	P
16.	CHARKSHA KAILASH BABHARE	P	P	P	P	P	P	P	P	P	P	P	P
17.	DARSHANA KAILASH FANIBHARE	P	P	P	P	P	P	P	P	P	P	P	P
18.	DEVYANI DHANRAJ DONADKAR	P	P	P	P	P	P	P	P	P	P	P	P
19.	DIKSHA JAGDISH LENGURE	P	P	P	P	P	P	P	P	P	P	P	P
20.	DIVYATA RAMESH DEOGHARE	P	P	P	P	P	P	P	P	P	P	P	A

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

S.N. Name of the student

S.N.	Name of the student	1/09	2/09	3/09	4/09	5/09	7/09	9/09	10/09	11/09	12/09		
21.	HIMANSHU DINESH PARSI	P	P	P	P	P	P	P	P	A	P	P	P
22.	HITAKSHI MADAN WANJARI	P	P	P	P	P	P	P	P	P	P	P	P
23.	HRUTIK GAJANAN MEHARKULE	P	P	P	P	P	P	P	P	P	P	P	P
24.	ISHA PRASHANT BANGARE	P	P	P	P	A	P	P	P	P	P	P	P
25.	JANHVI RUPCHAND RAROKAR	P	P	P	P	P	P	P	P	P	P	P	P
26.	JAYASHREE WASUDEORAO BAWANKULE	P	P	P	P	P	P	P	P	P	P	P	P
27.	KAMAKSHI KISNA PARATE	P	A	P	P	P	P	P	P	P	P	P	P
28.	KANCHAN RAMPRABHU DESHAMUKH	P	P	P	P	P	P	P	P	P	P	P	P
29.	KAREENA SUKHDEO LIKHAR	P	P	P	P	P	P	P	P	P	P	P	P
30.	KHUSHBOO JAYSING CHOUHAN	P	P	P	P	P	P	P	A	P	P	P	P
31.	KHUSHBOO RAMESH SAHU	P	P	P	P	P	P	P	P	P	P	P	P
32.	KHUSHBU KHUSHYAL SHIV	P	P	P	P	P	P	P		P	P	P	P
33.	KOMAL SHANKAR BURADKAR	P	P	P	P	A	P	P	P	P	P	P	P
34.	KRUTAM KHUSHAL NIWALKAR	P	P	P	P	P	P	P	P	P	P	P	P
35.	KUNAL RAJENDRA MOHADIKAR	P	P	P	P	P	P	P	P	P	P	P	P
36.	LEENA MOHAN MIRE	P	P	P	P	P	P	P	P	P	P	P	P
37.	LUKESH RAVI BORULE	P	P	P	P	P	P	P	P	P	P	P	P
38.	MANASHREE AASARAM LUTE	P	P	P	P	P	P	P	P	P	P	P	P
39.	MAYURI DILIP DHORE	P	P	P	P	P	P	P	P	P	P	P	P
40.	MEHANDI VITTHAL CHANDANKHEDE	P	P	P	P	A	P	P	P	P	P	P	P
41.	MOHAMMAD ISA JAMEEL AHMAD .	P	P	P	P	P	P	P	P	P	P	P	P
42.	MOHIT UMESH CHATAP	P	P	P	P	P	P	P	P	P	P	P	P
43.	NANDKISHOR PANDURANG DHOBLE	P	P	P	P	P	P	P	P	P	P	P	P
44.	NEHA PRADIP CHARDE	P	P	P	P	P	P	P	P	P	P	P	A
45.	NIKHIL GAUTAM TADAYYA	P	P	P	P	P	P	P	P	P	P	P	A
46.	NIKHIL NILKANTH DEKATE	P	P	P	P	P	P	P	P	P	P	P	P
47.	NIKITA SHESHRAO GAYDHANE	P	P	P	P	P	P	P	P	P	P	P	P
48.	NIKSHITA RAJESH MEHAR	P	P	P	P	P	P	P	P	P	P	P	P

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

S.N. Name of Student

		1109	2109	3109	4109	5109	7109	9109	10109	11			
49.	NILESH SUNIL DHAWADE	P	P	P	P	P	P	P	P	P	P	P	P
50.	NILIMA PRAMOD MURME	P	P	P	P	P	P	P	P	P	P	P	P
51.	NOOPUR DIVAKAR LOKHANDE	P	P	P	P	P	P	P	P	P	P	P	P
52.	OM SUDHIR TIJARE	P	P	P	P	P	P	P	P	P	P	P	P
53.	OMPRAKASH SOMAN SHAHU	P	P	P	P	P	P	P	P	P	P	P	P
54.	PAYUSH SANJAY MASURKAR	P	P	P	P	P	P	P	P	P	P	P	P
55.	PIYUSH PRAMODRAO BODKHE	P	P	P	P	P	P	P	P	P	P	P	P
56.	POOJA OMPRAKASH CHAVHAN	P	P	P	P	P	A	P	P	P	P	P	P
57.	POOJA RAMESH MAHAJAN	P	P	P	P	P	P	P	P	P	P	P	P
58.	PORNIMA NANDUJI MESHRAM	P	P	P	P	P	P	P	P	P	P	P	P
59.	PRACHITI PRAKASH BHANDAKKAR	P	P	P	P	P	P	P	P	P	P	P	P
60.	PRAGATI PRASHANT HADGE	P	P	P	P	P	P	P	P	P	P	P	P
61.	PRANAV PRABHAKAR BUDDHE	P	P	P	P	P	P	P	P	P	P	P	P
62.	PRANAV SHATRUGHN CHOUKHE	P	P	P	P	P	P	P	P	P	P	P	P
63.	PRANIT REMINATH IKHAR	P	P	P	P	P	P	P	P	P	A	P	P
64.	PRANJALI JAGDISH RAUT	P	P	P	P	P	P	A	P	P	P	P	P
65.	PRASHMA MEHENDRA NAIK	P	P	P	P	P	P	P	P	P	P	P	P
66.	PUJA RAJKUMAR BANDEBUCHE	P	P	P	P	P	P	P	P	P	P	P	P
67.	RAGHAV RAJU FARKADE	P	P	P	P	P	P	P	P	P	P	P	P
68.	RAHUL MADHUSUDAN SURYAWANSHI	P	P	P	P	P	P	P	P	P	P	P	P
69.	RAHUL PRAKASH KAWALE	P	P	P	P	P	P	P	P	P	P	P	P
70.	RAHUL TARACHAND ATRAM	P	P	P	P	P	P	P	P	P	P	P	P
71.	RASHMI BHAULAL KATRE	P	P	P	P	P	P	P	P	P	P	P	P
72.	RASHMI BHAURAO MATE	P	P	P	P	P	P	P	P	P	P	P	P
73.	RHISHIKESH GULAB KAPGATE	P	P	P	P	P	P	P	P	P	P	P	P
74.	RITA ARVIND PELNE	P	P	P	P	P	P	P	P	P	P	A	P
75.	RIYA SARJU WAIRAGADE	P	P	P	P	P	P	P	P	P	P	P	P
76.	ROHIT YOGESH RAHATE	P	P	P	P	P	P	P	P	P	P	P	P
77.	SAGAR RAJU MULE	P	P	P	P	P	P	P	P	P	P	P	P
78.	SAISH RAHUL DONGRE	P	P	P	P	P	P	P	P	P	P	P	P

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

S.N. Name of Student

		1/09	2/09	3/09	4/09	5/09	7/09	9/09	10/09	11/09	12		
79.	SAKSHI DNYANESHWAR GIRADKAR	P	P	P	P	P	A	P	P	P	P	P	P
80.	SAKSHI SURESH BHOYAR	P	P	P	P	P	P	P	P	P	P	P	P
81.	SAKSHI VILAS SHENDE	P	P	P	P	P	P	P	P	P	P	P	P
82.	SALONI ASUTKAR ASUTKAR	P	P	P	P	P	P	P	P	P	P	P	P
83.	SAMIR SEWARAM MANE	P	P	P	P	P	P	P	P	P	P	P	P
84.	SANJANA RAJKUMAR UKEY	P	P	P	P	P	P	P	P	P	P	P	P
85.	SANOWAR IDRIS SAYYED	P	P	P	P	P	P	P	P	P	P	P	P
86.	SAURABH DHARMENDRAJI DEOTALE	P	P	P	P	P	P	P	P	P	P	P	P
87.	SAYLI VINOD FULSUNGE	P	A	P	P	P	P	P	P	P	P	P	P
88.	SEEMA SURESH VAIDYA	P	P	P	P	P	P	P	P	P	P	P	P
89.	SHEIKH MOHD.ADNAN ABDUL EJAZ -	P	P	P	P	P	P	P	P	P	P	P	P
90.	SHIVANI RAMESH GIRIPUNJE	P	P	P	P	P	P	A	P	P	P	P	P
91.	SHREYA VILAS DHANJODE	P	P	P	P	P	P	P	P	P	P	P	P
92.	SHREYASH KAILASH WAGHMARE	P	A	P	P	P	P	P	P	P	P	P	P
93.	SHRUTI CHHATRAPAL TIJARE	P	P	P	P	P	P	P	P	P	P	P	P
94.	SHRUTI DHANRAJ DAROTE	P	P	P	P	P	P	P	P	P	P	P	P
95.	SHUBHANGI RAVINDRA SHAHARE	P	P	P	P	P	P	P	P	P	P	P	P
96.	SHWETA DEVANAND UKEBONDRE	P	A	P	P	P	P	P	P	P	P	P	P
97.	SIMRAN SHANKAR WAGHADE	P	P	P	P	P	P	P	P	P	P	P	P
98.	SONALI SURESH HEMNE	P	P	P	P	P	A	P	P	P	P	P	P
99.	SONIKA SHAMMILAL KHANDELWAR	P	P	P	P	P	P	P	P	P	P	P	P
100.	SRUSHTI KAMLESH BAHADURE	P	P	P	P	P	P	P	P	P	P	P	P
101.	SUHANI GOURISHANKAR TIWARI	P	P	P	P	P	P	P	P	P	P	P	P
102.	SUMEDH VINOD KOTANGALE	P	P	P	P	P	P	P	P	P	P	P	P
103.	TANSHREE SURYABHAN BHUSARI	P	P	P	P	P	P	P	P	P	P	P	P
104.	TANUSHREE RAMESH ASWANI	P	P	P	P	P	P	P	P	P	P	P	P
105.	TEJAS GANESH MUNDWAIK	P	P	P	P	P	P	P	P	P	P	P	P
106.	TUSHAR MAHENDRA KOHARE	P	P	P	P	P	P	A	P	P	P	P	P

Principal
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Sakkardara Chowk, Nagpur.

S.N.	Name of Student	1/09	2/09	3/09	4/09	5/09	7/09	/09	10/09	11/09			
107.	VAIBHAV VINOD THAKARE	P	P	P	P	P	P	P	P	P	P	P	P
108.	VAIDEHI SHESHRAO MATHANKAR	P	A	P	P	P	P	P	P	P	P	P	P
109.	VAISHNAVI BHASKAR PUND	P	P	P	P	P	P	P	P	P	P	P	P
110.	VAISHNAVI RAJENDRA NAGARDHANKAR	P	P	P	P	P	A	P	P	P	P	P	P
111.	VAISHNAVI SUDHIR NAKLE	P	P	P	P	P	P	P	P	P	P	P	P
112.	VAISHNAVI VINOD BAWANE	P	P	P	P	P	P	P	P	P	P	P	P
113.	VISHAKHA PRAKASH IWANATE	P	P	P	A	P	P	P	P	P	P	P	P
114.	VISHAKHA RAJESH NINAVE	P	P	P	P	P	P	P	P	P	P	P	P
115.	YASHIKA SURESH WANDHRE	P	P	P	P	P	P	P	P	P	P	P	P

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Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Kamla Nehru Mahavidyalaya, Nagpur

Department of Physics

Attendance Sheet

Value-added program

Course Name: **1. Basics of Instrumentations 2. Identification & Study of Electronics**

Academic Session 2020-2021

Duration: 1st Sept 2020 to 30th Sept 2020 (One Month)

Sr. N.	Name of Students	16/09	17/09	18/09	19/09	21/09	22/09	23/09	25/09	26/09	28/09	29/09	30/09
1.	AACHAL SANJAY ZANJAL	P	P	P	P	P	P	P	P	P	P	P	P
2.	ABHISHEK CHUNNILAL SHENDE	P	P	P	P	P	A	P	P	P	P	P	P
3.	ACHAL JAYLAL RATHOD	P	P	P	P	P	P	P	P	P	P	P	P
4.	ACHAL PRAVIN ZADE	P	P	P	P	P	P	P	P	P	P	P	P
5.	ADESH DNYANESHWAR RAUT	P	P	P	P	P	P	P	P	P	P	P	P
6.	ADITI DATTA GOUR	P	P	P	P	P	P	P	P	P	P	P	P
7.	ADITI RADHESHYAM GUPTA	P	P	P	P	A	P	P	P	P	P	P	P
8.	ADITYA SHANKARSINGH RATHOD	P	P	P	P	P	P	P	P	P	P	P	P
9.	ADITYA SUNIL KUKWAS	P	P	P	P	P	P	P	P	P	P	P	P
10.	AISHWARYA SURESH HEDAOO	P	P	P	P	P	P	P	P	P	P	P	P
11.	ALINA WAHID SHEIKH	P	P	P	P	P	P	P	P	P	P	P	P
12.	ANKITA SANJAY BARAPATRE	P	P	P	P	P	P	P	P	A	P	P	P
13.	AYUSH MAHENDRA KOPULWAR	P	P	P	P	P	P	P	P	P	P	P	P
14.	AYUSHI BHASKAR WANKHEDE	P	A	P	P	P	P	P	P	P	P	P	P
15.	BHUSHAN SAMBHAJI CHANDANBAWANE	P	P	P	P	P	P	P	P	P	P	P	P
16.	CHARKSHA KAILASH BABHARE	P	P	P	P	P	P	P	P	P	P	P	P
17.	DARSHANA KAILASH FANIBHARE	P	P	P	P	P	P	P	P	P	P	P	P
18.	DEVYANI DHANRAJ DONADKAR	P	P	P	P	P	A	P	P	P	P	P	P
19.	DIKSHA JAGDISH LENGURE	P	P	P	P	P	P	P	P	P	P	P	P
20.	DIVYATA RAMESH DEOGHARE	P	P	P	P	P	P	P	P	P	P	P	P
21.	HIMANSHU DINESH PARSI	P	P	P	P	P	P	P	P	P	P	P	P
22.	HITAKSHI MADAN WANJARI	P	P	P	P	P	P	P	P	A	P	P	P

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Sr. No. Name of students

Sr. No.	Name of students	16/09	17/09	18/09	19/09	21/09	22/09	3/09	25/09	26/09			
23.	HRUTIK GAJANAN MEHARKULE	P	P	P	P	P	P	P	P	P	P	P	P
24.	ISHA PRASHANT BANGARE	P	P	P	P	P	P	P	P	P	A	P	P
25.	JANHVI RUPCHAND RAROKAR	P	P	P	P	P	P	P	P	P	P	P	P
26.	JAYASHREE WASUDEORAO BAWANKULE	P	P	P	P	P	P	P	P	P	P	P	P
27.	KAMAKSHI KISNA PARATE	P	P	P	P	P	P	P	P	P	P	P	P
28.	KANCHAN RAMPRABHU DESHAMUKH	P	P	P	P	P	P	P	P	A	P	P	P
29.	KAREENA SUKHDEO LIKHAR	P	P	P	P	P	P	P	P	P	P	P	P
30.	KHUSHBOO JAYSING CHOUHAN	P	P	P	P	P	P	P	P	P	P	P	P
31.	KHUSHBOO RAMESH SAHU	P	P	P	P	P	P	P	P	P	P	P	P
32.	KHUSHBU KHUSHYAL SHIV	P	P	P	P	P	P	P	P	A	P	P	P
33.	KOMAL SHANKAR BURADKAR	P	P	P	P	P	P	P	P	P	P	P	P
34.	KRUTAM KHUSHAL NIWALKAR	P	P	P	P	P	P	P	P	P	P	P	P
35.	KUNAL RAJENDRA MOHADIKAR	P	P	P	P	P	P	P	P	P	P	P	P
36.	LEENA MOHAN MIRE	P	P	P	P	P	P	P	P	P	P	P	P
37.	LUKESH RAVI BORULE	P	P	P	P	P	P	P	P	P	P	P	P
38.	MANASHREE AASARAM LUTE	P	P	P	P	P	P	P	P	P	P	P	P
39.	MAYURI DILIP DHORE	P	P	P	P	P	P	P	P	P	P	P	A
40.	MEHANDI VITTHAL CHANDANKHEDE	P	P	P	P	P	P	P	P	P	P	P	P
41.	MOHAMMAD ISA JAMEEL AHMAD.	P	P	P	P	P	P	P	P	P	P	P	P
42.	MOHIT UMESH CHATAP	P	P	P	P	A	P	P	A	P	P	P	P
43.	NANDKISHOR PANDURANG DHOBLE	P	P	P	P	P	P	P	P	P	P	P	P
44.	NEHA PRADIP CHARDE	P	P	P	P	P	P	A	P	P	P	P	P
45.	NIKHIL GAUTAM TADAYYA	P	P	P	P	P	P	P	P	P	P	P	P
46.	NIKHIL NILKANTH DEKATE	P	P	P	P	P	P	P	P	P	P	P	P
47.	NIKITA SHESHRAO GAYDHANE	P	P	P	P	P	P	P	P	P	P	P	P
48.	NIKSHITA RAJESH MEHAR	P	P	P	P	P	P	P	P	P	P	P	P
49.	NILESH SUNIL DHAWADE	P	P	P	P	P	P	P	P	P	P	P	P
50.	NILIMA PRAMOD MURME	P	P	P	P	P	P	P	A	P	P	P	P

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Sakkardara Chowk, Nagpur.

59.

No.	Name of Students	16/09	17/09	18/09	19/09	21/09	22/09	23/09	25/09	26/09	28/09		
51.	NOOPUR DIVAKAR LOKHANDE	P	P	A	P	P	P	P	P	P	P	P	P
52.	OM SUDHIR TIJARE	P	P	P	P	P	P	P	P	P	P	P	P
53.	OMPRAKASH SOMAN SHAHU	P	P	P	P	P	P	P	P	P	P	P	P
54.	PAYUSH SANJAY MASURKAR	P	P	P	P	P	P	P	P	P	P	P	P
55.	PIYUSH PRAMODRAO BODKHE	P	P	P	P	P	P	P	P	P	P	P	P
56.	POOJA OMPRAKASH CHAVHAN	P	P	P	P	P	P	P	P	P	P	P	P
57.	POOJA RAMESH MAHAJAN	P	P	A	P	P	P	P	P	P	P	P	P
58.	PORNIMA NANDUJI MESHRAM	P	P	P	P	P	P	P	P	P	A	P	P
59.	PRACHITI PRAKASH BHANDAKKAR	P	P	P	P	P	P	P	P	P	P	P	P
60.	PRAGATI PRASHANT HADGE	P	P	P	P	P	P	P	P	P	P	P	P
61.	PRANAV PRABHAKAR BUDDHE	P	P	P	P	P	P	P	P	P	P	P	P
62.	PRANAV SHATRUGHN CHOUKHE	P	P	P	P	P	P	P	P	P	P	P	P
63.	PRANIT REMINATH IKHAR	P	P	P	P	P	P	P	P	P	P	P	P
64.	PRANJALI JAGDISH RAUT	P	P	P	P	P	P	P	P	P	P	P	P
65.	PRASHMA MEHENDRA NAIK	P	A	P	P	P	P	P	P	P	P	P	P
66.	PUJA RAJKUMAR BANDEBUCHE	P	P	P	P	P	P	P	P	P	P	P	P
67.	RAGHAV RAJU FARKADE	P	P	P	P	P	P	P	A	P	P	P	P
68.	RAHUL MADHUSUDAN SURYAWANSHI	P	P	P	P	P	P	P	P	P	P	P	P
69.	RAHUL PRAKASH KAWALE	P	P	P	P	P	P	P	P	P	P	P	P
70.	RAHUL TARACHAND ATRAM	P	P	P	P	P	P	P	P	P	P	P	P
71.	RASHMI BHAULAL KATRE	P	P	P	P	P	P	P	P	P	P	A	P
72.	RASHMI BHAURAO MATE	P	P	P	P	P	P	P	P	P	P	P	P
73.	RHISHIKESH GULAB KAPGATE	P	P	A	P	P	P	P	P	P	P	P	P
74.	RITA ARVIND PELNE	P	P	P	P	A	P	P	P	P	P	P	P
75.	RIYA SARJU WAIRAGADE	P	P	P	P	P	P	P	P	P	P	P	P
76.	ROHIT YOGESH RAHATE	P	A	P	P	P	P	P	P	P	P	P	P
77.	SAGAR RAJU MULE	P	P	P	P	P	P	P	P	P	A	P	P
78.	SAISH RAHUL DONGRE	P	P	P	P	P	P	P	P	P	P	P	P
79.	SAKSHI DNYANESHWAR GIRADKAR	P	P	P	P	P	P	P	P	P	P	P	P

Principal
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No.	Name of Students	16/09	17/09	18/09	19/09	21/09	22/09	23/09	25/09				
80.	SAKSHI SURESH BHOYAR	P	P	P	P	P	P	P	P	P	P	P	P
81.	SAKSHI VILAS SHENDE	P	P	P	P	P	P	P	P	P	P	P	P
82.	SALONI ASUTKAR ASUTKAR	P	A	P	P	P	P	P	P	P	P	P	P
83.	SAMIR SEWARAM MANE	P	P	P	P	P	P	P	P	P	P	P	P
84.	SANJANA RAJKUMAR UKEY	P	P	P	P	P	P	P	P	P	P	P	P
85.	SANOWAR IDRIS SAYYED	P	P	P	P	P	P	P	P	P	P	P	P
86.	SAURABH DHARMENDRAJI DEOTALE	P	P	P	A	P	P	P	P	P	P	P	P
87.	SAYLI VINOD FULSUNGE	P	P	P	P	P	P	P	P	P	P	P	P
88.	SEEMA SURESH VAIDYA	P	P	P	P	P	P	P	P	P	P	P	P
89.	SHEIKH MOHD.ADNAN ABDUL EJAZ -	P	P	P	P	P	P	A	P	P	P	P	P
90.	SHIVANI RAMESH GIRIPUNJE	P	P	P	P	P	P	P	P	P	P	P	P
91.	SHREYA VILAS DHANJODE	P	P	P	P	P	P	P	P	P	P	P	P
92.	SHREYASH KAILASH WAGHMARE	P	P	P	P	P	P	P	P	P	P	P	P
93.	SHRUTI CHHATRAPAL TIJARE	P	P	P	P	P	P	P	P	P	P	P	P
94.	SHRUTI DHANRAJ DAROTE	P	P	P	P	P	A	P	P	P	P	P	P
95.	SHUBHANGI RAVINDRA SHAHARE	P	P	P	P	P	P	P	P	P	P	P	A
96.	SHWETA DEVANAND UKEBONDRE	P	P	P	A	P	P	P	P	P	P	P	P
97.	SIMRAN SHANKAR WAGHADE	P		P	P	P	P	P	P	P	P	P	P
98.	SONALI SURESH HEMNE	P	P	P	P	P	P	A	P	P	P	P	P
99.	SONIKA SHAMMILAL KHANDELWAR	P	P	P	P	P	P	P	P	P	P	P	P
100.	SRUSHTI KAMLESH BAHADURE	P	P	P	P	P	P	P	P	P	P	P	P
101.	SUHANI GOURISHANKAR TIWARI	P	P	P	P	A	P	P	P	P	P	P	P
102.	SUMEDH VINOD KOTANGALE	P	P	P	P	P	P	P	P	P	P	P	P
103.	TANSHREE SURYABHAN BHUSARI	P	P	P	P	P	P	P	P	P	P	P	P
104.	TANUSHREE RAMESH ASWANI	P	P	P	P	P	P	P	P	P	P	P	P
105.	TEJAS GANESH MUNDWAIK	P	P	P	P	P	P	P	P	P	P	P	P
106.	TUSHAR MAHENDRA KOHARE	P	P	P	P	P	P	P	P	P	P	P	P
107.	VAIBHAV VINOD THAKARE	P	P	P	P	P	P	P	P	P	P	P	P

Principal
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No.	Name of students	16/09	17/09	18/09	19/09	21/09	22/09						
108.	VAIBEHI SHESHRAO MATHANKAR	P	P	P	P	P	P	P	P	P	P	P	P
109.	VAISHNAVI BHASKAR PUND	P	P	P	P	P	P	P	P	P	P	P	P
110.	VAISHNAVI RAJENDRA NAGARDHANKAR	P	P	P	P	P	P	P	P	P	P	P	P
111.	VAISHNAVI SUDHIR NAKLE	P	P	P	P	P	P	P	P	P	P	P	P
112.	VAISHNAVI VINOD BAWANE	P	P	P	P	P	P	P	P	P	P	P	P
113.	VISHAKHA PRAKASH IWANATE	P	P	P	P	P	A	P	P	P	P	P	P
114.	VISHAKHA RAJESH NINAVE	P	P	P	P	P	P	P	P	P	P	P	P
115.	YASHIKA SURESH WANDHRE	P	P	P	P	P	P	P	P	P	P	P	P

Principal
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Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA

SAKKARDARA SQUARE, NAGPUR

WANJARRI GROUP
redefines education

VALUE ADDED COURSE

ON

Basics of Instrumentations and Study of electronics components

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss *HITAKSHI MADAN WANJARI B.Sc SEM I*
Has successfully completed the value-added course on "Basics of Instrumentations and Study of electronics ***components".*** *Conducted during the period* 1st to 30th September 2020.

Course Coordinator

Head
Dept. of Physics
K.N.M.
Nagpur

Principal
K.N.M.
Nagpur

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur,

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

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VALUE ADDED COURSE

ON

Basics of Instrumentations and Study of electronics components

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Department of Physics

Certificate

This is to certify that Mr./Miss ***SONALI SURESH HEMNE B.Sc. SEM I***
Has successfully completed the value-added course on "Basics of Instrumentations and Study of electronics components". Conducted during the period **1st to 30th September 2020.**

Course Coordinator

Head
Dept. of Physics
K.N.M.
Nagpur

Principal
K.N.M.
Nagpur

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

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SAKKARDARA SQUARE,NAGPUR

WANJARRI GROUP
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VALUE ADDED COURSE

ON

Basics of Instrumentations and Study of electronics components

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss ***SAGAR RAJU MULE, B.Sc. SEM I***
Has successfully completed the value-added course on "Basics of Instrumentations and Study of electronics components". Conducted during the period 1st to 30th September 2020.

Course Coordinator

Head
Dept. of Physics
K.N.M.
Nagpur

Principal
K.N.M.
Nagpur

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

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SAKKARDARA SQUARE,NAGPUR

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VALUE ADDED COURSE

ON

Basics of Instrumentations and Study of electronics components

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss *NIKHIL NILKANTH DEKATE B.Sc SEM I*
Has successfully completed the value-added course on "Basics of Instrumentations and Study of electronics components". Conducted during the period 1st to 30th September 2020.

Course Coordinator

Head
Dept. of Physics
K.N.M.
Nagpur

Principal
K.N.M.
Nagpur

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur.

Amar Seva Mandal's

KAMLA NEHRU MAHAVIDYALAYA

A+ GRADE RE-ACCREDITED BY NAAC WITH 3.53 CGPA

SAKKARDARA SQUARE, NAGPUR

WANJARRI GROUP
redefines education

VALUE ADDED COURSE

ON

Basics of Instrumentations and Study of electronics components

Organized By

Department of Physics

Certificate

This is to certify that Mr./Miss ***ADITI DATTA GOUR, B.Sc. SEM I***

Has successfully completed the value-added course on "Basics of Instrumentations and Study of electronics components". Conducted during the period **1st to 30th September 2020.**

Course Coordinator

Head
Dept. of Physics
K.N.M.
Nagpur

Principal
Kamla Nehru Mahavidyalaya
Sakkardara Chowk, Nagpur

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Date : 1/10/2020

KAMLA NEHRU MAHAVIDYALAYA NAGPUR
DEPARTMENT OF PHYSICS
VALUE ADDED PROGRAM (2020-2021)
ON
1. Basics of Instrumentations 2. Identification & Study of Electronics

Introduction:

Incorporating value-added courses should focus on utilizing the skills and creativity of aspiring professionals to meet the demands of today's dynamic business environment, making the student more prepared for the workplace. The value-added programs support students' academic progress and help them get ready for the difficulties of the working world. Through a wide variety of course options, these programs give students the opportunity to improve their innovative and creative abilities as well as gain a more holistic perspective and a greater awareness of contemporary industrial concerns. Department of Physics, Kamla Nehru Mahavidyalaya introducing value-added certificate courses for under graduate students from **1st to 30th September 2020** in "**Basics of Instrumentations and Study of electronics components**".

Aim of the course: The course will enable students to develop compelling insight into self-management and leadership skills in personal and professional efficiency.

Objectives of the value-added course: The students will be able to

1. *Understand* the application of administration principles in personal and professional life.
2. *Gain clarity* about self-motivation and self Confidence.
3. *Understand* moral values like honesty, commitment and dedication.
4. Plan goals, manage time manage and build confidence.
5. Gain knowledge regarding personality development and soft skills.
6. Improve inter personal relationships and maintain a good professional conduct by understanding Values, Ethics and Satisfaction.
7. Understand the self-awareness and reflective practice to enhance their personality in professional way.
8. Develop better study habits to improve the academic performance.
9. Evaluate the achievements through introspect and reset goals.

Beneficiaries: 115 Students (B.Sc. I year)

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Brief Report

The value-added certificate course on **"Basics of Instrumentations and Study of electronics components"** was organized for U.G. students of B.Sc. I sem for one month from 1st Sept 2020 – 30th Sept 2020. Mrs.Vandana R. Kharabe was the coordinator of the value-added program. All the faculties of department of physics, K.N.M. Nagpur were actively involved in the activity. Dr. S.A. Bhagat briefly explained the theory, least counts and measurements of Vernier calliper, screw gauge and travelling microscope. Dr. S. P. Puppalwar describes the working and use of spectrometer, ammeter, voltmeter as well and digital and analogue multimeters. Mrs. V. R. Kharabe and Dr. A. P. Mahajan explains a brief theory of various electronic and electrical components including resistors, capacitors, diodes and potentiometer. They explained detailed working principle of components and their identifications. The value added course was highly beneficial for UG students provide them brief insight into the application of physics to the practical equipment.

Expected Outcome:

a. All the UG students were successfully perform various practical and understand the use different scales.

b. Students are able to construct and run various electronic circuits by using basic electronic components.

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