

Amar SewaMandal's

Kamla Nehru Mahavidyalaya, Nagpur

Sakkardara Square, Nagpur-440024

Re-accrediated 'A+' grade by NAAC

(CGPA: 3.53)

The Annual Quality Assurance Report (AQAR)

2017-2018



Kamla Nehru Mahavidyalaya, Sakkardara Square, Nagpur 440024 (MS)

The Annual Quality Assurance Report (AQAR)

2017-2018

Part – A

AQAR for	the year	(for exam	ple	2013-14)
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AQAR 2017-2018

1. Details of the Institution

1.1 Name of the Institution

Kamla Nehru Mahavidyalaya

1.2 Address Line 1

Sakkardara Sq.

Address Line 2

Umred Road

City/Town

State

Pin Code

440024

Maharashtra

Nagpur

Institution e-mail address

kncnag@rediffmail.com

Contact Nos.	0712-2747853, 2747854					
Name of the Head of	Name of the Head of the Institution:					
Tel. No. with STD	Code: 0712-2747853, 2747854					
Mobile:	9822461593					
Name of the IQAC Co-o	Dr. Subhashree Mukherjee ordinator:					
Mobile:	9096051701, 7798266788					
IQAC e-mail address:	ss.mukh@rediffmail.com					
1.3 NAAC Track ID(For ex. MHCOGN 18879) MHCOGN 12170						
(DR					
This EC no. is availe	Demmittee No. & Date: D/A & A/143 dated 3-5-2004. Table in the right corner- bottom Accreditation Certificate) EC(SC2)/28/A & A /42.3					
1.5 Website address:	www.kamlanehrucollege.ac.in					
Web-link of t	he AQAR:					
For ex. h	ttp://www.ladykeanecollege.edu.in/AQAR2012-13.doc					

1.6 Accreditation Details

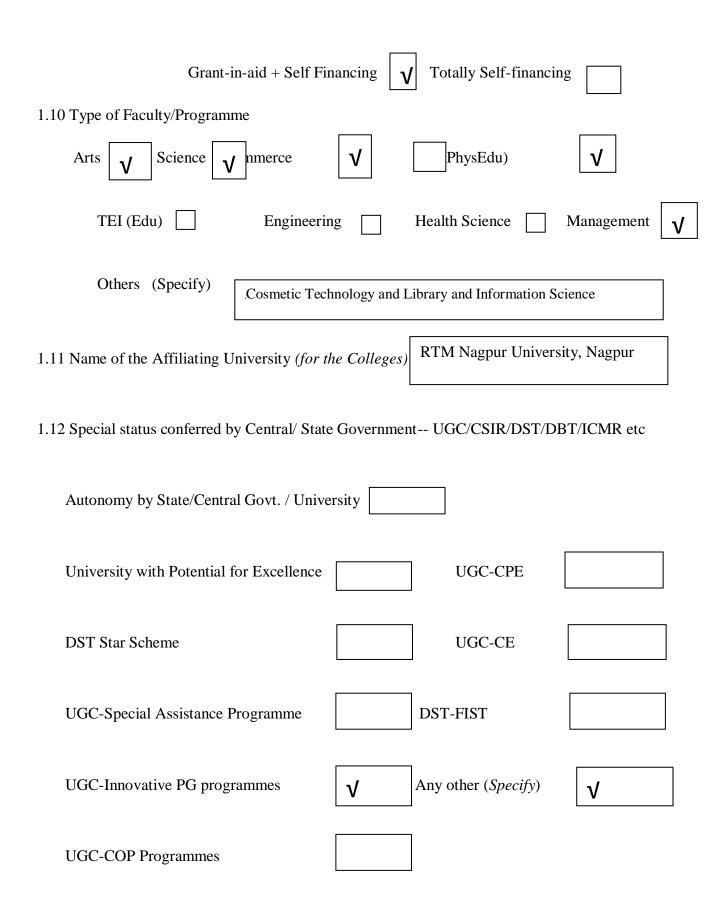
Sl. No.	Cycle	Grade	CGPA	Year of Accreditatio n	Validity Period
1	1 st Cycle	А		2004	5 yrs.
2	2 nd Cycle	А	3.13	2013	5 yrs.
3	3 rd Cycle	A+	3.53	2017	7 yrs.
4	4 th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

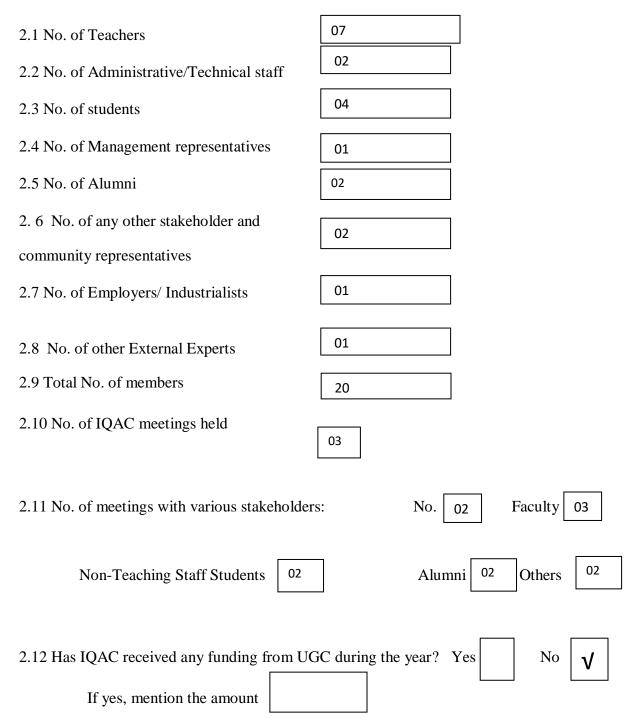
15/07/2004

1.8 Details of the previous year's AQAR submitted to NAACafterthe latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11submitted to NAAC on 12-10-2011)

i. ii. AQAR <u>20</u>	016-2017 on_	_14/07/2017_		(DD/MM/Y	YYYY)	
1.9 Institutional Statu	S					
University		State	Central	Deemed	Private	v
Affiliated College	1	Yes V	No			
Constituent Colleg	ge		Yes	No		
Autonomous colle	ge of UGC	Yes	No			
Regulatory Agency	y approved I	nstitution	Yes V	No		
(eg. AICTE, BCI, N	MCI, PCI, N	CI)				
Type of Institution	Co-educat	ion V	Men V	Vomen		
	Urban	\checkmark	Rural 7	Fribal		
Financial Status	Grant-in-	aid V	UGC 2(f)	V UGC 12B	\	

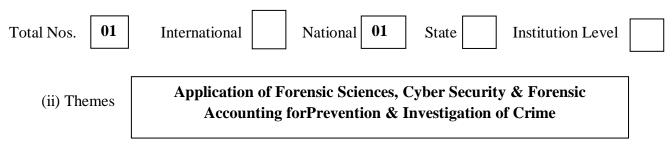


2. IQAC Composition and Activities



2.13Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC



2.14 Significant Activities and contributions made by IQAC

- National Conference was organised under the aegis of IQAC in collaboration with the **Gujarat Forensic Science University.**
- Organising expert talks through different departments.
- Organising university level/inter collegiate events.
- Encouraging departments to conduct skill oriented & job oriented Certificate Courses.
- Increasing collaborations with National/International bodies for better exposure. (INQAAHE)

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements				
1. Organising expert talks	1. 32 Expert lectures were organised by different				
through various departments.	departments.				
2. Organising various university	2. Various competitions such as science project, exhibition,				
level/inter collegiate events.	project competition, etc. were organised. (17)				
3. Increasing number of	3. Collaborations were increased by departments such as				
Collaboration with Industry	Political Science, Commerce, Library, Cosmetic				
and Academia.	Technology etc.(04)				
4. Conducting more skill based	4. 13Certificate courses were conducted byvarious				

Certificate courses under	departments
various departments.	
5. Fostering experiential	
learning through various	5. Exhibitions, study tours were organised to fostering
activities.	experiential learning.(27)
6. Increasing Placements.	6. There were 107 on campus placements in various world
	class companies.
7. Strengthening Support	7. Rs. 46,36,360 was spent on overall renovation of all the
Services.	support services.
8. Organizing some state level	8. State level Elocution completion was organised for the
event for the students.	students.
* Attach the Academic Calendo	ar of the year as Annexure (Annexure I).
2.15 Whether the AQAR was placed in	n statutory body Yes V No

Management	٧	Syndicate A	Any other body		
Prov	ide tl	he details of the action taken			
The Management approved the plan of action and gave consent to implement them.					

Part – B Criterion – I

<u>1. Curricular Aspects</u>

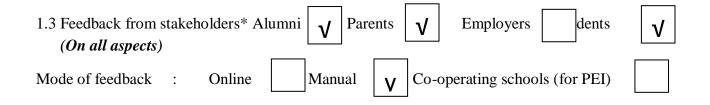
1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	06	01		
PG	23		23	
UG	08		04	
PG Diploma	02		02	
Advanced				
Diploma				
Diploma				
Certificate				
Others			13	
Total	39			

Interdisciplinary	13		
Innovative			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	33
Trimester	-
Annual	-



*Please provide an analysis of the feedback in the Annexure(Annexure II)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Syllabus of B.com, BBA. BCCA, BA, Second year was revised

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
60	43	16	01	Nil

2.2 No. of permanent faculty with Ph.D.

35

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

As Profe		Asso Profe		Professors		Oth	ners	Tot	tal
R	V	R	V	R	V	R	V	R	V
	111		05						116

Nil	Nil	48
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	25	65	09
Presented papers	23	16	00
Resource Persons		02	3

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Interactive teaching using Smart boards.
- Use of ICT in teaching through MOOCs

- Innovative teaching methods like GD, Quiz, Q&A sessions, etc.
- Teaching faculty and students are encouraged to use latest technology such as LCD, internet, etc., in the teaching learning process
- Institution conducts remedial classes and diagnostic tests for slow learners based on that it adopts teaching strategies to improve the level of learning.
- For advance learners, the institution encourages them to take part in research projects
- Class seminar presentation by students.
- Regular home assignments.
- The college enhanced the facility of its Digital Library and Language Laboratory.

2.7 Total No. of actual teaching days during this academic year

193

- 2.8 Examination/ Evaluation Reforms initiated bythe Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)
 - Along with the regular Monthly Unit Test per semester, all departments schedule an open book exam as a surprise test in the regular class timing.
 - Online multiple choice Questions Bank is made available for all Subjects on college website.
- 2.9 No. of faculty members involved in curriculumrestructuring/revision/syllabus developmentas member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

77.6%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division/ Percentag e					
		Distinction %	I %	11 %	111 %	Pass %	
B.A.	82	00	00	23.17	23.17	46.34	
B.Com.(Marathi)							
B.Com.(English)	265	00	7.92	46.03	13.58	67.54	
B.Sc.	269	1.48	16.35	52.42	00	70.26	
B.C.A.	95	1.05	15.78	47.36	00	64.21	
B.B.A.	51	00	35.29	45.09	00	80.39	
B.C.C.A.	90	2.22	37.77	47.77	00	87.78	
B.Tech(Cosmetic)	13	00	84.62	00	00	84.62	
M.A.(English)	19	00	31.57	26.32	00	57.87	
M.A.(Marathi)	17	00	94.11	5.88	00	100.00	
M.A.(Economics)	04	00	25.00	50.00	00	75.00	
M.A.(Sociology)	22	00	77.27	9.09	00	86.36	
M.A.(History)	12	00	16.66	83.33	00	100.00	
M.A.(Political Sci.)	21	00	19.05	52.38	00	71.43	
M.Com.	121	9.09	19.00	54.54	00	82.64	
M.Sc.(Computer Sci.)	19	00	68.42	5.26	00	73.68	

	1					
M.Sc.(Physics)	13	00	7.69	00	00	7.69
M.Sc.(Chemistry)	16	6.25	62.50	00	00	68.75
M.Sc.(Electronics)	10	00	60.00	00	00	60.00
M.Sc.(Zoology)	17	00	11.76	11.76	00	23.52
M.Sc.(Botany)	14	00	14.29	00	00	14.29
M.Sc.(MicroBiology)	20	00	40.00	30.00	00	70.00
M.Sc.(Maths)	21	00	09.52	14.28	00	23.80
M.Sc.(Biochemistry)	05	00	40.00	00	00	40.00
M.Sc.(Env. Science)	20	20.00	40.00	00	00	60.00
M.Sc.(Bio-Tech)	18	00	66.67	5.55	00	72.22
M.Tech Cosmetic	08	00	12.5	00	00	12.50
M.C.A.	25	8.00	92.00	00	00	100.00
M.B.A.	51	31.37	39.22	00	00	70.59
M.C.M	8	11.11	77.77	00	00	88.88
P.G.D.C.C.A.	04	25.00	00	00	00	25.00
P.G.D.C.S. & A.	05	00	80.00	00	00	80.00
M.Lib.	01	00	100.00	00	00	100.00
B.Voc SD	21	00	80.95	09.52	00	90.47
B. Voc. R.D.	5	00	20	20.00	00	40.00

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Conduction of workshops and training programs.
- Through online Feedback from students.
- Through Students Performance.
- Constant monitoring through API-PBAS.
- Through monthly syllabus completion report checking by faculty heads.

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	01
UGC – Faculty Improvement Programme	00
HRD programmes	01
Orientation programmes	02
Faculty exchange programme	00
Staff training conducted by the university	01
Staff training conducted by other institutions	02
Summer / Winter schools, Workshops, etc.	01
Others	00

2.13 Initiatives undertaken towards faculty development

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	nositions tilled	Number of positions filled temporarily
Administrative Staff	25	04	00	16
Technical Staff	20	03	00	09

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Through publication of research journals (Kamla Nehru Research Journal)
- Encouraging faculty members to increase research publications
- Conducting national seminar on relevant topics of research

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	00	00	00
Outlay in Rs. Lakhs	00	00	00	00

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	00	0	00
Outlay in Rs. Lakhs	00	00	00	00

3.4 Details on research publications

	International	National	Others
Peer Review Journals	52	02	03
Non-Peer Review Journals	00	00	00
e-Journals	00	00	00
Conference proceedings	01	20	00

3.5 Details on Impact factor of publications:

Range	1.00 to 8.581	Average	1.29	h-indexNos.	18	SCOPUS	996	
		-						

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	00	UGC	00	00
Minor Projects	00	UGC	00	00
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the				
University/ College				
Students research				
projects				
(other than compulsory				
by the University)				
Any other(Specify)				
Total			00	00

3.7 No. of books published i) With ISBN No. 14

Chapters in Edited Books

03

ii) Without ISBN No. 01

3.8 No. of University/College Departments receiving funds from

	UGC-SAF	P CAS 00 DST-FIST	Г 00	02
	DPE	00	DBT Scheme/fund	s 00
3.9 For colleges	Autonomy INSPI	00 CPE	CPEI tar Scheme	00
3.10 Revenue gene	erated through o	consultancy Rs. 20,000)/-	
3.11 No. of confer	rences			

organized by the Institution

Level	International	National	State	University	College
Number	00	01	00	00	00
Sponsoring	00	SERB,	00	00	00
agencies		Gujrat			
		Forensic			
		Sci Uni.			

3.12 No. of faculty served as experts, chairpersons or resource persons 06	
3.13 No. of collaborations International 01 National 12 Any other 12	
3.14 No. of linkages created during this year 04	
3.15 Total budget for research for current year in lakhs:	
From Funding agency From Management of University/College Rs. 11,90,517	
Total Rs. 11,90,517	

3.16 No. of patents received this

Type of Patent		Number
National	Applied	00
	Granted	00
International	Applied	00
	Granted	00
Commercialised	Applied	00
	Granted	00

year

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College	
01	00	00	00	03	00	00	

3.18 No. of faculty from the Institution who are Ph. D. Guides

09

and students registered under them 31
3.19 No. of Ph.D. awarded by faculty from the Institution 0
3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)
JRF 01 SRF Project Fellows 00 Any other 00
3.21 No. of students Participated in NSS events:
University level 00 State level 00
National level 00 International level 00
3.22 No. of students participated in NCC events:
University level 01 State level 04
National level 01 International level 00
3.23 No. of Awards won in NSS:
University level 00 State level 00
National level 00 International level 00
3.24 No. of Awards won in NCC:
University level 00 State level 01
National level 00 International level 00
3.25 No. of Extension activities organized
University forum 01 College forum 07
NCC 09 NSS 13 Any other 00

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- CollegeorganisedSpecialCleanlinessDriveinslumarea.
- AwarenessaboutHealthcampwasorganizedinruralareas.
- ConductionoftheScienceexhibitionandothersocialactivitiesforthe developmentofstudentsandsociety.
- Immunization Awareness Activity for Sanitary Workers.
- Sciencedaycelebrationwasorganizedon28Feb.2018.
- By organizing "Shree Shardovsava" (Dance, Drama, Music) from collegetoexchangetheNewIdeasand innovationsinperformingarts.

<u>Criterion – IV</u>

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	79932 Sq. ft.	Nil	Nil	79932 Sq.ft.
Class rooms	38	Nil	Nil	38
Laboratories	27	Nil	Nil	27
Seminar Halls	02	Nil	Nil	02
No. of important equipments purchased $(\geq 1-0 \text{ lakh})$ during the current year.	118	Nil	Nil	118
Value of the equipment purchased during the year (Rs. in Lakhs)	56,55,485	Nil		56,55,485
Others (Support Beam Repairing)		68,62,128	Nil	68,62,128

4.2 Computerization of administration and library

- College office is computerized with office software MIS.
- Library is fully computerized. Presently 18 Computers are used for library administration and library services. Entire library collection is bar-coded. Central library is connected to MBA and MCA library through single sharing server.
- There is e-zone in library, where faculty & students access online study material.
- Internet facility is available on all PCs.
- OPAC is made available to the users to identify the status of availability of documents in library.
- Acquisition of documents, circulation, MIS reports, verification, dailynews papers records, weeding out documents, paper clipping are the other computerized areas of the library.
- INFLIBNET is in use to search books and e-journals
- M-OPAC mobile based online public access catalogue is subscribed.
- MOOCs is available for some courses

4.3 Library services:

		sting 2016-17	•	y added)17-18	Total			
	No.	Value			No.	Value		
Text Books								
Reference Books	47,692	99,77,721	2,387	7,14,724	50,079	1,06,92,445		
e-Books								
Journals	107	1 02 091	31	05.012	138	2 97 002		
e-Journals	107	1,92,081	51	95,012	138	2,87,093		
Digital Database	N-LIST Database	10000	Nil	Nil	N-LIST Database	10000		
	Renewal				Renewal			
CD & Video	1302		302		1604			
Others (specify) Donated	2901		20		2921			

4.4 Technology up gradation (overall)

	Total	Comp	Internet	Browsing	Computer	Office	Depart-	Others
	Comp	uter		Centers	Centers		ments	
	uters	Labs						
Existing	305	07	02	05	02	19	12	Nil
Added	60	Nil	Nil	Nil	Nil	02	23	12
Total	365	07	02	05	02	21	35	12

- **4.5** Computer, Internet access, training to teachers and students and any other programmes for technology up gradation (Networking, e-Governance etc.)
 - Basic computer Training program for non-teaching and teaching staff members

4.6 Amount spent on maintenance in lakhs:

- i) ICT
- ii) Campus Infrastructure and facilities
- iii) Equipments
- iv) Others

	16,91,867
	68,62,128
	11,90,517
	15,91,679
Total :	1,13,36,191

<u>Criterion – V</u>

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- * Giving updated information on the college website
- * Providing information through in college prospectus
- * Providing information through induction programme at the beginning of the session

5.2 Efforts made by the institution for tracking the progression

* The institution is committed to provide quality education to students and for that constant evaluation through class test, Term Test, etc.

* Students progression is monitored through assignment, class seminars, group discussion, etc.

* Besides progress from UG to PG and PG to M.Phil /Ph.D, employment is tracked by using Google forms

UG	PG	Ph. D.	Others
3687	1018	6	184

4895 5.3 (a) Total Number of students 15 (b) No. of students outside the state Nil (c) No. of international students % No % No Men Women 31.91 15662 3333 68.09

Last Year 2016-17					This Year 2017-18													
Gener al	SC	ST	OBC	NT	SBC	Physi	cally Chall	Total	Gener	SC	ST	OBC	NT	SBC	Physi	cally	Chall	Total
746	623	127	2483	221	438	01		4639	959	609	125	2581	200	421	00			4895
Den	nand	l rat	io	1:1			Drop	out 9	%: 2	6.43	%							

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

College organises various guest lecture, seminar, workshop and lecture series by expert on Competitive Exam.Coaching for Bank P.O., Staff Selection, Clerical Exam, etc are conducted for the final year students.

No. of students beneficiaries



5.5 No. of students qualified in these examinations



5.6 Details of student counselling and career guidance

- Experts lectures are organised on the regular basis related to various fields.
- Training and Placement cell organises seminars, workshop for career guidance.

No. of students benefitted



5.7 Details of campus placement

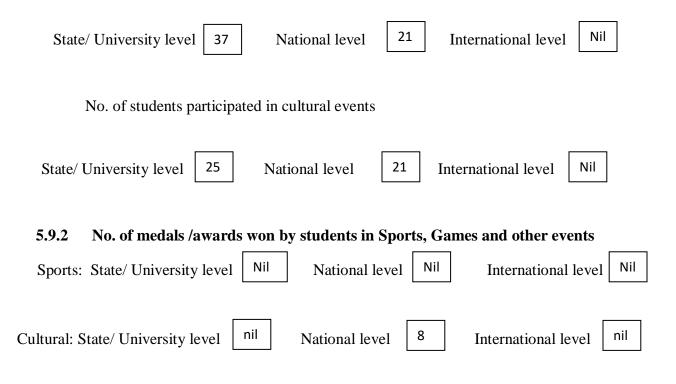
	Off Campus		
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
05	416	107	119

5.8 Details of gender sensitization programmes

- One day workshop was organised on the topic Gender Sensitization. DrSnehal Fadanvis was invited to talk on this issue
- One day workshop was organised on the Topic "Self Defence" A professional trainer Mr. and Mrs. Thool were invited. They taught trick and technique of **Karate**
- Celebrated International Women's Day. Adv Kumkum Sirpurkar was invited to speak on womens rights
- Expert Talk was arranged on the topic "Menstrual Hygiene and Awareness regarding Cervical Cancer " Dr. Payal Agrawal delivered the lecture on this topic

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events



5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	148	1,44,871
Financial support from government	1098	1,26,75,668
Financial support from other sources (EBC,PTC,STC)	26	1,06,413
Number of students who received International/ National recognitions	06	20,910
Total	1278	1,29,47,862

5.11 Student organised / initiatives

Fairs : State/ University level	Nil	National level Ni	I	International level	Nil	
Exhibition: State/ University level	Nil	National level	Nil	International level	Nil	

5.12 No. of social initiatives undertaken by the students 20

5.13 Major grievances of students (if any) redressed:

Sr.No	Type of Grievances	Name of Students	Class	Date	Redressed
1	Toilet Cleaning	Nikita Nandankar Nikita Burewar PoojaSarve Yasmeen Khan NehaChaturkar NehaDharme	M.Sc I B.Sc. I	5/08/2017	Principal has instructed contractor for Cleaning of toilet at regular basis.
2	Issue related to student's vehicle	ShivamKhapekar YogeshMudliar	M.Sc. I	5/08/2017	Principal has instructed contractor to guide guard person for proper

3	parking Facility for	AshwinTidke RuchiSathwane VaishnaviThawale KishoriKaremore Shumaila Khan	B.Sc I	13/09/2017	management of students vehicle in college premises Action taken by principal
	girls common room extra table chair	Vaishnavimahajan Rebecca Kapure RadhikaSahu SonalPande	yr	13/09/2017	and arrange table & chair for students
4	Canteen Facility: quality of food	Students of commerce and arts	B.A III Yr B.Com I yr	13/09/20 17	Principal has instructed canteen management for maintaining food quality
5	Issue of two books in a week from library	Students of arts	B.A II yr	05/10/2017	Application was forwarded to library head and issue was resolved
6	Repairing of lights and fans in classroom: 209, 210 & 301	Students of commerce and science	B.Com III yr B.Sc II yr	19/01/2018	Matter refereed to electricians and repairing was completed
7	Arrangement of vending machine for disposal arrangement of sanitary pads in girls bathroom	Anjali Meshram GauriKayarkar KanchanJiotode KarishmaRaut KishoriKaremore Shweta Lute	M.sc.II Girls student	21/02/2018	Proposal has been forwarded to principal and he assured to consider the matter at priority
8	Cleaning of classrooms	All students	M.A. I & II yr	3/03/2018	Principal has instructed contractor to guide guard person for proper management of students vehicle in college premises

<u>CriterionVI</u>:

6. Governance, Leadership and Management

6.1 Institutional Vision and Leadership

Vision

To move towards being, Excellent and efficient professionals, responsible andsensible citizens and kind, compassionate human beings.

Mission

□ To provide professional qualification laced with technical skills.

□To achieve innovation in teaching, learning, research and extension.

□ To develop decision making capacity and to enable the youngsters to explore theirown capability,

□ To preserve our rich cultural, moral and humanistic values.

□ To produce committed and better citizens and professionals.

□To infuse a competitive and lighting spirit among the students.

□ To create creative, critical and analytical thinking.

□ To equip the students with relevant knowledge and competence to face globalchallenges.

□To make the institution pioneer in providing excellent higher education through

value based and career oriented programs and to ensure integrated development of

the students through curricular and extracurricular activities.

Objectives of the Institution:

- To work towards the growth of institution into a centre of excellence.
- To promote the standard education in the field of Arts, Commerce, Science, Management and computer science.
- To encourage students and teachers in the pursuit of knowledge and in setting high standard of academic achievements.
- To develop free and fearless thinking leading to intellectual and moral maturity.
- To bridge the gap between educational and social need.

Most of the students seeking education in this institution are from economically weaker sections of the society and from SC/ST/OBC/SBC categories. As a result, higher education has become assessable to this deprived section of society. We vigorously perceived our priorities of putting teaching and learning first, strengthening our team and maintaining the overall educational standards. An academic and extracurricular activities accomplished every year reflects the academic and social goals of the institution.

6.2 Does the Institution has a management Information System

Yes,

The Management Information System is used in the functioning of the college for

- administrative process,
- Finances,
- admission process,
- student registration,
- fee structure,
- student records enrollment,
- exam forms etc.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- The curriculum of the University is mandatory for all affiliating colleges.
- 5 faculties from the college are members of **B**oard **O**f **S**tudies.
- Suggestions regarding curricular changes are taken from students, parents; alumni are forwarded through BOS members.

6.3.2 Teaching and Learning

- The teaching staff prepares the semester wise teaching plan including bridge course, time table and monthly teaching report before the semester get started.
- Students are informed about the syllabus. The teachers reschedule a certain missed class.
- Extra guidance for slow learners and advance learners are regularly arranged.
- Faculty members are also encouraged to attend faculty developing programmes outside the college conducted by other institutions.
- The faculty members and students are encouraged to organize and participate in conferences/ seminar/workshop.
- Lectures are explained on black boards and white boards. Some classes haveLCD projectors, smart boards.
- Regular industrial visits and other study tours are organized so that the students get exposure.
- Regular student seminar presentations are arranged.
- Expert lectures/guest lectures and alumni lectures are regularly arranged for students.
- College level certificate courses are arranged for students.
- Educational quiz, group discussions, class seminars, model making competitions is taken.
- Language laboratory is used for English subject.
- Significant days like Self-governance day, Science day, Ozone day, World Water dayand Jagtik Marathi Bhasha din (26th Feb.) are celebrated.
- The college has collaborations (MoU) with 25 different National /International bodies.
- Blood donation camp, cleaning drive, health camps, environment awareness programs are taken under the aegies of NSS.

6.3.3 Examination and Evaluation

- Home assignment and Viva Voce are taken regularly.
- Regular semester examinations of even and odd semesters are held.
- The students are assessed on the basis of
 - o Class test,
 - o Attendance,
 - o Assignments,
 - o Class seminars,
 - Study tour,
 - o Industrial visits,
 - Visit to educational institutions and research organizations.

6.3.4 Research and Development

- Research Committee is established in the college to promote & monitor research culture. Workshops, Seminars, Conferences are arranged.
- Research projects are undertaken by students.
- 6 Departments are recognized as a place of Higher Learning and Research by the RTM Nagpur University.
- Faculty members and students are encouraged to attend conferences/workshops/seminars and to present research papers/posters.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library committee has been formed which conducts annual meetings in in consultation with departmental heads to update library and ICT facilities. The IQAC meets the library committee to discuss and give suggestions.
- Library having OPAC and M-OPAC facility to access the books/journals/magazines for faculty and students.
- Staff and student are using N-LIST INFLIBNET to access e-books, e-journals.
- Internet facility is made available to all students and faculty.

- Other facilities provided are digital camera, true copier, advanced printer, scanner, display screen in reading room etc.
- Purchase of advanced instruments in several laboratories.

6.3.6 Human Resource Management

- One week computer awareness programme was conducted by Computer Science Department.
- The administration is fully decentralized and total functional freedom is given to the head of respective department. Various other committees are constituted to monitor the co-curricular and other activities.
- There are many welfare schemes for staff and students like
 - o free medical check-up for girls by women's cell,
 - group insurance for staff.
- Faculty attended faculty development programmes like Orientation programme, Refresher course, short term course.

6.3.7 Faculty and Staff recruitment

- The Management is the authority to recruit staff as per the norms stipulated by the UGC, Government of Maharashtra and University.
- Ad-Hoc appointments of teaching faculty have been made due to the non-availability of suitable/qualified candidates.

6.3.8 Industry Interaction / Collaboration

- Educational visits, Industrial visits, Bank Visits, Social visits are conducted by various departments
- Various departments have linkages and collaborations with other institutes of higher learning and these are utilized for the fruitful completion of curriculum and research work.
- Experts from industry are invited for giving talks on industrial requirements.

6.3.9 Admission of Students

- Students counseling is provided at the time of admissions.
- Sale of prospectus starts after the declaration of the HSSC result.
- Admission related matter posted on the website.
- All reservation policies are followed as per rules of Government of Maharashtra and University norms.
- Admissions are as per merit in their respective reservations.

6.4 Welfare schemes for

Teaching	02
Non-	01
teaching	
Students	03

6.5 Total corpus fund generated

Rs. 18,82,877

6.6 Whether annual financial audit has been done



6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal		
	Yes/No	Agency	Yes/No	Authority	
Academic	Yes	Individual experts	Yes	IQAC team	
Administrative	Yes	CA/Auditor General office/Director	Yes	IQAC team	

6.8 Does the University/ Autonomous College declare results within 30 days? NA

For UG Programmes	Yes	No	
For PG Programmes	Yes	No	

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

• As the college is affiliated RTM Nagpur University, we do not have autonomy for executing examination reforms.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

- Alumni meets are conducted and suggestions regarding curriculum development are taken.
- Alumni in its annual meet freely present their views about the college and give their suggestion for college development.
- Alumni extension lectures are arranged by several department to share their expertise with students.
- Meritorious Alumni interact with students for career guidance and learning process.
- Alumni give their views how to prepare for SET/NET/PET, interaction regarding industrial is done.

6.12 Activities and support from the Parent – Teacher Association

- Annual meetings are held and interactive session with Principal and teachers are conducted.
- Parents and students are members of College Development Cell of the college.

• Feedback is taken from parents/guardians for suggestions regarding curriculum development.

6.13 Development programmes for support staff

- One week Computer Awareness Programme for Non-teaching staff was organized by Computer Science Department.
- The support staff is sent for workshops and conferences organized by UGC or other institutions.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Emphasis on more plantations to make environment green.
- Cleanliness drive- Swaccha Bharat Abhiyan by NSS & NCC cadets.
- College has Nature club which creates environmental awareness.
- Department of Botany enhanced botanical garden in the campus.
- No-vehicle day is celebrated on 15th Aug & 26th Jan.
- Solar panel for tapping solar energy is installed at Girls Hostel.

Criterion-VII

7. Innovations and best practices

7.1 innovations introduced during this academic year which have created positive impact on the functioning of the institutions. Give details.

- Introducing new skill based B.Voc. program
- Adoption of village Temasna for carrying various social activities
- Conducting various activities of NSS
- Conducting job oriented certificate courses in addition to regular courses
- Enhanced collaborative activities with Gujarat Forensic Science University by taking various events.
- Proposals have been submitted for carrying out collaborative research with university of Huddersfield.
- Revenue generated from Consultancy and utilized for research purpose
- Firefighting system installed
- Renovation of support services like Gymnasium, canteen, NSS, NCC.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Electronic LED digital notice board has been installed in the college.
- New software has been purchased in addition to some software for physically disabled.
- Security and house-keeping has been outsourced.
- Proposals have been submitted for different conferences.
- Conference on Forensic Science has been conducted on 28thMarch 2018.
- Science project competition has been organized.
- Prepared plan for conducting international conference and corresponding dates have been fixed. The brochure of conference was published.

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self study manuals)

Best Practice 1: Participatory Learning

Goal

To make students totally involved in the teaching-learning process, alternate teaching technique must be used. The shift from traditional to innovative method should make teaching, exciting and interactive exercise. All categories of students (slow and advanced learners) must be benefitted and motivated to self learn at least the part of topic discussed in the class. Students must be participatory and not be passive. Towards this effort, teaching modules and lesson plans are organized by visiting to various industries and organizations.

Context

Every teacher has her/his own style of teaching. Feedback from students clearly indicates that the lecture method is not an adequate method to sustain the interest of learning. The curriculum consist innovative, application oriented and skill based syllabus in all disciplines. These courses cannot be taught by only conventional lecture method but have to used innovative methods by using different teaching tools and visits.

The Practice

The students are involved in role-play; case-studies in art departments and Power point presentation using different ICT tools are some of the techniques used by all faculties of all departments. Study tours, brainstorming sessions, class seminars, projects and management games are some tactics employed by commerce and management departments to make their students industry-ready.

Student centered learning strategies have been initiated. Exercises are undertaken to enable students to acquire hands-on learning and first hand information from real life situations. A few significant methodologies used are described below:

• Industrial visits for experiential learning

(i) Students of MBA Dept. visited to Morarjee Textile Ltd. Butibori, Nagpur and PACE Technology, Delhi.

(ii) Students of Cosmetic technology and Botany visited to ManasAyurvedic Centre, Bazargaon. (iii) Students of Electronics visited to KEC and Karmanya Infosis, Butibori MIDC.

(iv) Students of Commerce Departments visited to Shivam food Pvt. Ltd. Industries.

(Expenditure=Rs. 142,400/-)

• Onsite-learning and field visit

The following Departments were taken onsite learning and field visits.

(i) Microbiology and Environment science students visited NEERI, Nagpur

- Students of Marathi and Home Economics Dept. visited Suresh Bhat Auditorium, Nagpur
- Students of Music visited and participated in the program organized in Scientific Hall, Nagpur.
- (iv) Students of History Dept. visited Vairagad Fort Gadchiroli for real life experience.

(Expenditure=Rs. 40,000/-)

- Academic/ institutional visit
 The following Departments were visited to various Academic Institutions.
 - (i) Students of Chemistry and Biotechnology visited I.I.Sc. Bangaluru, Tea factory, Ooty and Pasture Institute Coonoor.
- (ii) Students of Physics and Mathematics visited NCL, CMET and Pune University, Pune.
- (iii) Students of Library sciences visited VNIT, Nagpur(Expenditure=Rs. 5,98,000/-)
- Collaboration with NGOs, MoUs with industries/Institutions for training and experiencing
- Project /surveys/case-studies
 Students of Physics, Electronics, Botany, MCA and B.Voc. Departments completed their project work on concerning topics. (Expenditure=Rs. 1,20,500/-) (Total expenditure on visits and projects is Rs. 900900/-)

The above exercises are given to all UG and PG departments as they help the students to develop composite skill like data collection, organization, presentation and interpretation

of data, usage of ICT tools like visualizer, smart board for teaching and power point presentation.

A language lab has been established for acquiring communication skills through interactive learning. Two internet browsing centers with the provision of INFLIBNET and DELLNET facilities in the library have been set up to promote self learning. Preparation of lesson modules for power point presentation has been greatly facilitated through the establishment of a multimedia material production center.

Evidence of success

Students have welcomed the change and are now actively interactive with teacher and they are enjoying and benefiting from participatory learning. During the interaction, they got an overwhelming response and queries from students which indicated curiosity among them. After the demonstration of scientific instruments, the teacher observed from the faces of students that they got now something which indicated the success of new technique of teaching.

Problem encountered and Resources required

Workshops and seminars had to be organized to bring about attitudinal changes in teachers and to impress on them the effectiveness of methodologies as teaching tools, other than the lecture method. Teachers have to be trained in the usage of ICT for preparing teaching aids.

The management had to invest in procuring LCDs, OHPs, Educational CDs, Hardware and software. MoUs had to be undertaken with local industries, NGOs and other establishments to accommodate internship and on-site learning. New evaluation techniques also had to be introduced.

Contact Details

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Best Practice 2: Add-On short term Skill Oriented Courses

Goal

Short term skill oriented courses were student driven initiative for all the branches at our college campus. A team comprising of UG and PG students, technical experts within and off campus have collaborated to develop student's technical competencies. The purpose of Add-on courses is to update and train students with latest technical development happening in the industry through various activities like workshops and seminars.

Context

KNM experts, invited experts and consultants from the industry for training, guest lectures and workshops to understand and overcome the current industrial issues and create awareness about new technology and best problem solving practices.

The Practice

Following are details of various Add-On courses conducted by different Departments during academic year 2017-18.

Departments	Name of Topic	Resource	Duration	No. of	Expenditure
Physics	Motor winding and Domestic	Person Mr. ShekharNahate	30 days	participants 50	(Rs) 10,000/-
Electronics	Appliances Microcontroller and Interfacing	Dr. AshishRewatkar	15 days	35	10,500/-
Botany	Soilless Plantation	Dr. V. Y. Charjan	7 days		19,000/-
Cosmetic Technology	Make-up Technique	Dr. K. S. Misar	30 days	25	Nil
Biotechnology	Bioinformatics	Dr. SandhyaMoghe	7 days	30	Nil
Library Science	NET-SLET training	Dr. Inamdar	25 days	08	Nil
Zoology	Vermi technology and Vermi composting	Dr. D. R. Saxena	15 days	15	Nil
Commerce	Goods Services Taxation	Prof. Anil Bhaik	15 days	25	500 /-
Home Economics	Pedilite Art	Dr. M. R. Waliokar	4 days	49	Nil
Marathi	Anchoring	Dr. V. D. Peshve	15 Days	25	Nil

Evidence of success

Students enrolled their names for the skilled oriented course and actively participated in the program and interacted with the experts. They enjoyed and benefitted by acquiring different skills in different programs. During the program, participants gave an overwhelming response by self-working and asking queries which indicated curiosity among them. After the demonstration of scientific instruments, the teacher observed from the faces of students that they got now something which indicated the success of arranging the course.

Resources Required:

- Resource persons, Laptop, an LCD projector and necessary equipments for conducting the programs.
- Sufficient financial assistance is necessary to carry out this program. This may help to involve more number of students.
- The team who conduct this program also require an attendant for assistance during the program.

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7.4 Contribution to environmental awareness / protection

The College constantly seeks to promote the Care of Mother Earth initiative. One of the primary objectives of the institution is to sensitize students on environmental issues and to motivate them to promote ecological justice and sustainable development. The College, on a regular basis, makes a thorough environmental assessment of the campus

and implements healthy ecological practices in water and energy conservation and waste management.

Some of the eco initiatives of the campus include:

- Environmental audit is done by the department of Environment.
- Feeders and water pots are set in the premises of college campus for birds.
- Rain water harvesting unit has extended in college harvesting 2, 50,000 liters of water every year. It accumulates water in the well from entire parking.
- NSS unit organizes cleanliness programs for the Central Bus Station and Government Hospital.
- College hostels use solar panels for heating water and thus reduce pressure on electricity. There are 24 solar panels with total capacity of 19,000 units used for water heating in Girls' Hostel.

7.5 Whether environmental audit was conducted? Yes $\sqrt{}$ No

7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis)

SWOT Analysis

Strengths

- 1. Highly qualified and experienced permanent teaching staff with majority having Doctoral degrees.
- 2. Well equipped Central library with 50079 numbers of books and 138 Journals.
- 3. Campus is equipped with state of the art Conference Hall, Auditorium, Language lab, Gymnasium, etc.
- 4. Smart class room equipped with state of art audio visual amenities.
- 5. Adequate laboratory infrastructure to run UG/PG programs.
- 6. Multi Disciplinary Research Journal.
- 7. Skill based certificate courses.

- 8. Decentralized Administration with delegated authority up to department head level resulting in quick decision making process.
- 9. Collective leadership, responsibility and team-work with feedback oriented performance appraisal.
- 10. Strong students' Support Services.

Weaknesses

- 1. Little scope for Horizontal expansion.
- 2. Shared playground for major games.
- 3. Proximity to slum area which results in intake of low income group students.

Opportunities

- 1. The institution is centrally located.
- 2. Increase in number of Research Scholars in Research Laboratories.
- International Network for Quality Assurance Agencies in Higher education (INQAAHE), Barcelona.
- 4. Research Collaboration with University of Huddersfield & work with International Experts.
- 5. Academic collaboration with Gujarat Forensics Science University.
- Empowering girls' students through various educational components due to high girls' student ratio. (68%)
- Grants received from different government & non government departments for research & academic activities.

Threats

- 1. Low motivational level, as students are from low income groups.
- 2. Low Employability Skills & Course outcome.
- 3. Lack of Communication skills in English, since students are from vernacular medium.

8. Plans of institution for next year

- 1. Increasing smart classes.
- 2. Increase number of projects for developing skills among the students.
- 3. Upgrading of laboratories
- 4. Increase onsite learning processes

Organize state level and university level sports and games

Name Dr. Subhashree Mukherjee Signature of the Coordinator, IQAC

ahavidyalaya Nagpu

Name: Dr. Ashok I. Kamble Signature of the Chairperson, IQAC (Officiating Principal)

Kamla Nehru Mahavidyalaya, Sakkardara Square, Nagpur. 440024 ACADEMIC CALENDAR 2017-18 A) Academic Calendar for the Courses Conducted as per Annual Pattern/ Semester Pattern: **Terms & Vacation** First Term : 15.06.2017 to 15.10.2017 Winter Vacation :16.10.2017 to 14.11.2017 Second Term : 15.11.2017 to 30.04.2018 : 01.05.2018 to 14.06.2018 Summer Vacation Admissions Last date of Admission :07.08.2017 (With reference to RTMNU Notification No. Acad./Acad.Cale./2017/18 Dated 15th April 2017) **Tentative Monthwise Plan For the Session 2017-18** June Re-opening of college after summer vacation and term I start (15 June, 2017). • Staff meeting on 1st day of term I. • • Admission to Ist semester of degree classes. Admission to PG classes. • Formation of various committees for monitoring the activities throughout the year. • Formation of examination committee to conduct different tests throughout the year. • Commencement of Ist semester degree classes. • Orientation program of Ist semester degree classes. • • Carrier Counselling. Julv Commencement of SY and TY degree classes. • • Commencement of PG classes.

• Orientation program for NSS and NCC volunteers.

- Essay competition will be organized by Adult and Continuous Education department.
- Orientation and motivational program for physically challenged.
- Opening of Placement and Counselling Cell.
- World population Day (11 July) will be organized by NSS department.
- Carrier Counselling and placement guidance.
- Allotment of Tutor Ward system.

August

- Commemorative Function on Lokmanya Tilak and Smt. Kamla Nehru (1st Aug).
- 9th August 'Kranti Din' will be celebrated.
- Blood donation camp on 10th Aug in the memory of Late Shri Govinraoji Wanjari Birth Anniversary.
- Celebration of National Independence Day on 15th Aug.
- Inauguration of Study circles.
- Conduction of 1st monthly test Semester Pattern.
- Tree plantation program under NSS and NCC.
- National Sports Day will be celebrated by Department of Physical Education (29th Aug).

September

- Celebration of Teacher's Day (5th Sep).
- Essay Competition.
- NSS foundation Day will be arranged (24th Sep).
- International Superstition Eradication Day will be celebrated by Science Faculty
- Conduction of IInd monthly test Semester Pattern.

October

- Celebration of Mahatma Gandhi birth Anniversary (2nd Oct).
- National Integration day will be celebrated.
- Parents-Teacher Association will organized a 'parents' Meet.
- Commencement of University winter exam. Annual pattern and failure students in even semesters pattern 3rd Oct. 2017.
- Commencement of University winter exam. regular students in odd semesters 24th Oct. 2017.
- Term I ends 15th Oct. 2017.

<u>November</u>

• Term II starts from 15th Nov. 2017.

December

- For World AIDS` Day (1st Dec) awareness program will be organized under NSS.
- Sports Week will be Organized (1st Dec to 5th Dec).
- Commemorative function on Dr. Babasaheb Ambedkar organized on 6th Dec.
- Commencement of University Practical Exams. Sem. Pattern
- An organization of social gathering 'Shri Shardosttava' (Last Week).
- Conduction of various competitions.
- Inter collegiate Singing competition for Students will be organized during 'Shri Shardosttova'.
- Prize distribution of various competitions during 'Shri Shardosttava'.
- Felicitation of Teachers for Excellence and Academic achievements.
- Annual NSS Camp will be organized.

<u>January</u>

- National Tourism Day will be organized (9th Jan).
- National youth Day on 12 Jan (Swami Vivekananda Birth Anniversary) will be celebrated by NSS.
- Physical Education Day will be organized by department of Physical Department (24 Jan).
- Republic Day celebration.
- Academic and Sports prize distribution on the occasion of Republic Day celebration.
- Organization of Conferences/ Seminars.
- Conduction of 1st monthly Unit test Sem. Pattern

<u>February</u>

- Commencement of University Practical Examination year pattern.
- National Science Day will be celebrated by Science Faculty (28th Feb).
- Organization of Conferences/ Seminars.
- Commencement of University summer exam. Annual pattern and failure students of odd semesters 20th Feb. 2018

<u>March</u>

- National conference and Seminar will be organized.
- Conduction of 2nd monthly test Semester Pattern.
- Commencement of University summer exam. regular even semester students 13th March 2018
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<u>April</u>

- Seminars for teachers under faculty improvement program.Workshop for Non-Teaching faculty
- Term II ends •

May

Summer Vacation starts. •

Analysis of feedback for the Academic Year 2016-2017

Analysis of feedback for the Academic Year 2016- 17. The feedbacks from all stakeholders have been received on Curriculum, Teaching, Infrastructure and others. Both online and manual modes were deployed to receive the feedback. From students, the feedback has been received online twice in a semester. Additionally an exit feedback (manual) received from the final year students. The feedback on Curriculum was considered during curriculum/syllabi revision. The feedback related to syllabi has been implemented. The feedback related to curriculum will be implemented in the academic year 2017- 2018. The feedback that compliment the teachers have been shared with them individually and/or in the department meetings. The teachers scoring lower marks have been counseled or cautioned on case to case basis. The feedback related to learning resources like library books have been implemented. Regarding infrastructure, the proposals were made to the Management based on the feedback received. Other feedbacks related to amenities were dealt with suitably by the respective authorities.