

KAMLA NEHRU MAHAVIDYALAYA, NAGPUR
PERFORMANCE BASED APPRAISAL SYSTEM (PBAS)

For Academic Year: 2023-2024

PART A: GENERAL INFORMATION

a)	Name (in Block Letters)	:	Dr. ARUNA JAGRSHWAR CHAMATKAR
b)	Current Designation & Pay	:	ASSOCIATE PROFESSOR
c)	Name of College	:	KAMLA NEHRU MAHAVIDYALAYA
d)	Department	:	MCA
e)	Date & place of Birth	:	24/07/1979 Birth place : Nagpur
f)	Date of Appointment	:	12/07/2010
g)	Which position and pay are you an applicant under CAS	:	
h)	Date of eligibility for promotion	:	16/08/2017
i)	Sex	:	Female
j)	Nationality	:	Indian
k)	Address (with Pin code)	:	1124,Manipura Square Gangabai Ghat Road , Nagpur 440032
	Permanent Address (with Pin code)	:	1124,Manipura Square Gangabai Ghat Road , Nagpur 440032
	Mobile No.	:	9975440534
	Email	:	aruna.ayush1007@gmail.com

B. Academic Qualifications (S.S.C. till post graduation)

Sr. no.	Examination Passed	Name of Board/ University	Subject	Year of Passing	Percentage of Marks Obtained	Division/Grade Merit etc.
1	SSC	MSS&HSEB Nagpur Div. Nagpur	Eng, Mar, Social- Sci, Science	March-1995	First	66%
2	HSSC	MSS&HSEB Nagpur Div. Nagpur	Science	March-1997	Second	53%
3	B.Sc (CBZ)	RTM Nagpur University, Nagpur	Chemistry, Bot, Zoo	March-2000	Second	52%

4	BCA (Bachelor Of Computer Science)	Indira Gandhi National Open University	As per IGNOU syllabu	June - 2017	First	67%
5	MSc (Computer Science)	RTM Nagpur University, Nagpur	Computer Science	Summer -2020	First	79%
6	MCA	Nagpur University, Nagpur	As per Syllabus	Summer -2003	First	64%
7	P G Diploma in Cyber Law &	RTM Nagpur University, Nagpur	Cyber law	Summer -2015	First	73%

Research degree / Fellowship / Research Training Program:

Degrees	Title / Tropic	University	Date of Award
Ph.D	A Study of Data Mining Techniques Using Neural Network	RTMNU	22-Aug-2016 RTMNU/Ph.D.(Cell)/12/1214

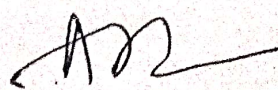
i) Post held after appointment at this Institution

Designation	Department	Date of Joining		Pay Matrix Level
		From	To	
Associate Professor	MCA	12/07/2010	Till date	
ii)	Period of teaching experience UG Classes (In years)		:	15 Years
iii)	Research Experience excluding Years spent in M. Phil/ Ph.D (In Years)		:	August 2016
iv)	Field of Specialization under the subject		:	Computer Science

D. Orientation/Refresher Course attended

S. N.	Name of the Course/Summer School	Duration	Place
1	Refresher Course	10 th Jan to 22 nd Jan 2022	UGC Sponsored Online Refresher Course in ICT Application and Softskills (Computer Science)
2	Orientation Course	3 rd March to 12 th March 2025	NEP-2020 Orientation and Sensitization Programme
3	Refresher Course	13 th 18 th January 2025	One week FDP On Intellectual Property Rights, Copyright and Patents

Date 05/07/2024


Signature of the Teacher

Appendix II

Table 1

Assessment Criteria and Methodology for College Teachers

Table 1.1: Teaching

Activity	Courses taught	Number of classes taught	Percentage Obtained	Grade Claimed	Grade Verified
Lectures (Odd Sem)	BSc(CS), BCA,BSc(DS),MCA, MSc(CS)	3 per Week for UG 5 per Week for PG	90 %	Good	Good
Practical (Odd Sem)	CS practical	6 / week	100 %	Good	Good
	Data Structure	6 / week	95%	Good	Good
	ADBMS	4 / week	90%	Good	Good
Lectures (Even Sem)	BSc(CS), BCA,BSc(DS),MCA, MSc(CS)	3 per Week for UG 5 per Week for PG	89%	Good	Good
Practical (Even Sem)	CS practical	6 / week	89%	Good	Good
	Weka	6 / week	100%	Good	Good
	Neural Network	4 per week	90%	Good	Good

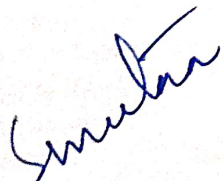
Table 1.2: Involvement in the College students related activities/research activities:

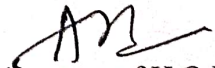
S. N.	Activity	Involvement Yes / No	Grade Claimed	Grade Verified
a)	Administrative responsibilities	Yes	Good	Good
b)	Examination Duties	Yes	Good	Good
	i) Paper Setting for college & University Exam	Yes		
	ii) Invigilation work for University exam	Yes		
	iii) Valuation of college exam papers	Yes		
	iv) Examiner of Univ. Practical exam External/Internal	Yes		
	v) Unit. Test (Continuous) Evaluation	Yes		
	vi) Result Preparation	No		
	vii) Curriculum preparation	Yes		
	viii) Co-Officer In-Charge	No		

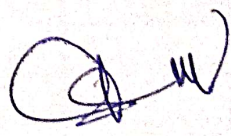
c)	Student related c-co curricular, extension and field-based activities such as student clubs, career counseling, study visits, student seminars and other events, cultural, sports, NCC, NSS and community Services: - i) Career counseling ii) Study visit/tour iii) Students seminar iv) Lifelong Learning & Extension v) Extension activities in college	Yes Yes Yes Yes Yes	Good	Good
d)	Organizing seminars/ conferences/ workshops, other college activities.	Yes	Good	Good
e)	Evidence of actively involved in guiding Ph.D. students	4 students	Good	Good
f)	Conducting minor or major research project sponsored by national or international agencies	No		
g)	At least one single or joint publication in peer reviewed or UGC list of journals.	Yes	Good	Good


Signature of Faculty

Verified and found correct:


Forwarded through:
IQAC Coordinator
IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.


Signature of H.O.D


Principal
PRINCIPAL
Kamla Nehru Mahavidyalaya,
Sakkardara Chowk, Nagpur.

Appendix –II

Table – 2 (Duration: From 1/01/2016 to 31/12/2016)

(Methodology for University and College Teachers for calculating Academic/Research Score)

Research papers in peer reviewed or UGC listed Journals

S. N.	Title with page nos.	Journal	ISSN/ ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co-authors	Whether you are the main author	API score claimed
1	Comparative Analysis and Performance with Emphasis on Security of MANET, WLAN, and LAN	IOSR Journal of Computer Engineering (IOSR-JCE)	e-ISSN: 2278-0661, p-ISSN: 2278-	Yes	3	Yes	9.1
2	Impression Of Digital Signature With Neural Network	Journal of Emerging Technologies and Innovative	(ISSN-2349-5162) JETIR	Yes	3	Yes	9.1
3	Securing Data Transmission in Mobile Adhoc Network (MANETs) Using Neural Network	Gis Science Journal Scopus Paper Published in GIS Science Journal, ISSN:	, ISSN No: 1869-9391,	Yes	3	No	7.5
4	Enhancing Local Area Network Security Using Neural Networks for User Authentication	International Conference On "Multidisciplinary Approach in Technology And	UGC Listed Journal No: 47023,	Yes	3	No	7.5
5	A Comparative Review over Online Modes of Learning and Collaborative Blended Learning	International Journal of Advanced Research in Science,	ISSN (Online) 2581-9429	Yes	3	No	7.5
6	An Outline of Cryptanalysis and Cryptography Using Neural Network Framework	Int. Journal of Engineering Research and Applications www.ijera.com	ISSN : 2248-9622	Yes	3	No	7.5
7	A Comparative Outline of Tools Used In Big Data, Data Mining and Data Analytics	IOSR Journal of Computer Engineering (IOSR-JCE) e-	ISSN: 2278-8727	Yes	3	No	7.5
8	Security Issues in IT and How Neural Network is Interfacing in Cryptography	International Journal of Innovations & Advancement in	ISSN 2347 – 8616e Issue 3 March	Yes	3	Yes	9.1
9	An Effective Study of Cryptanalysis and Working of Cryptography in Digital Signature	International Journal of Computer & Mathematical	ISSN 2347 – 8527	Yes	3	Yes	9.1

Expression Of Digital Signature With Neural Network	Journal of Emerging Technologies and Innovative	(ISSN-2349-5162)	Yes	3	Yes	9.1
Total						83

2. Publications (Other Than Research Papers)

(a) Books authored which are published by **International/National: Nil**

S. N.	Title of Books	publisher	ISSN/ ISBN No.	Whether peer reviewed.	No. of Co-authors	Whether you are the main author	API score claimed
1	Fundamentals of Information Technology	Preface Book & Co.	978-81-963511-2-0	No	2	Yes	7.5
2	Digital Computer Fundamentals	Himalaya Publication House Pvt Ltd	Online Publication 978-93-5840-017-5	No	2	Yes	7.5
3	System Analysis and Design	Rajni Prakashan and Books Distributor	978-93-82683-63-6	No	2	Yes	7.5
4	DataBase Management System	Rajni Prakashan and Books Distributor	978-93-82683-44-5	No	3	Yes	7.5
5	Data Base Management System	Rajni Prakashan and Books Distributor	978-93-82683-50-6	No	3	No	5
6	SQL & PL/SQL	Rajni Prakashan and Books Distributor	978-93-82683-28-5	No	3	No	5

(b) Translation works in Indian and Foreign Languages by qualified faculties: Nil

S. N.	Title of Books	publisher	ISSN/ ISBN No.	Whether peer reviewed.	No. of Co-authors	Whether you are the main author
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Development of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula: Nil

3.	Course / Curricula	Details
a)	Development of Innovative pedagogy:	
b)	Design of new curricula and courses:	
c)	MOOCs:	
d)	E-Content:	

4. (a) Research Guidance:

S. N.	Degree	Number Enrolled	Thesis Submitted	Degree awarded	API score claimed
(i)	Ph. D.	4	0	0	0
(ii)	PG/ M.Phil. Dissertation	40	40	40	80
	Total				96
S. N.	Name of the students enrolled		Thesis Submitted		
1					
2					

4 (b) Research Projects/ Consultancy – Ongoing/ Completed: Nil

S.N.	Title	Agency	Period	Grant/Amount Mobilized (Rs lakh)

5. (a) Patents: 01

S. N	Title of Patent	National/International	Date	Patent number
1	Design A Credit Card Fraud Detection Technique with Machine Learning Innovations.	National	23 February 2024	202421002769

(b) Policy Document (Submitted To An International Body/ Organisation Like Uno/Unesco/World Bank /International Monetary Fund etc. or Central Government or State Government): Nil

S. N	Title of Policy documents	International/national/state	Date	Policy Document number

(c) Awards/Fellowship): Nil

S. N	Name of the awards/fellowship	International/national/state	Date

6. Invited Lectures / Resource Person/ Paper Presentation In Seminars/ Conferences/Full Paper In Conference Proceedings (Paper Presented In Seminars/Conferences And Also Published As Full Paper In Conference Proceedings Will Be Counted Only Once):

S.N.	Title of the Invited lecture/paper presentations	Title of Conference / seminar	Organized by	Whether International/ National/State /University level	API score claimed	API score approved by screening committee
1	Resource Person on topic Artificial Intelligence Tools	Online National Level one week FDP on ICT tools for Effective Teaching Learning	Kamla Nehru Mahavidyalaya, Nagpur	National	20	
2	Technical Session Chair	International Conference on Advancement in computing Technology and Applications(IC ACTA-25)	Raisoni college of Engg.	International		
Total					20	
Capping of 30%						

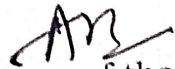
Sr. No.	Title with Page Number	Details of Conference Publication	Number of Co-authors	Whether you are main author	Whether International/National
1	Modi Lipi Character Recognition Using Traditional Machine Learning page No. 199 to 202 March 2025	Management & Technology (ICAMT-March 2025) ISSN: 2347-8578	2	No	International
2	Prediction on Label Dataset for BrainTumor Detection Using Machine Learning	International Conference on Innovation in Engineering, Science and Management (ICIESM-2K25) 21 st and 22 nd March 2025	2	No	
3	A Novel Framework for Deepfake Image Detection Using Deep Learning Approach	22nd International Learning and Technology Conference (L&T) 2025 DOI: 10.1109/	4	No	International

		LT64002.2025 ,15-16 Jan. 2025 Publisher : IEEE Xplore: 01 April 2025 DOI : 10.1109/LT64 002.2025.1094 0759			
4	Wireless LAN Security using Neural Network	National Conference on "Research Innovations in ICT and Computing Technologies" (NCRIICT-2023) Special Issue of Journal of Innovation in Sciences (Online), ISSN: 2394-8051, March 27 – 28, 2023	3	No	National

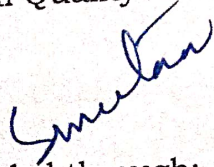
RESEARCH SCORE SHEET
(APPENDIX- II, TABLE-2)

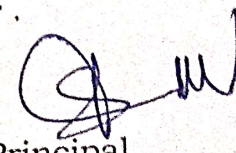
	Academic and Research Activity	Total Research Score
1.	Research Published papers in Journals	86
	Publications (Other Than Research Papers)	17.5
2.	(a) Books authored which are published by	40
	(b) Translation works in Indian and Foreign Languages by qualified faculties	Nil
3.	Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula:	Nil
	(a) Development of Innovative pedagogy	Nil
	(b) Design of new curricula and courses	Nil
	(c) MOOCs	Nil
	(d) E-Content	Nil
4.	(a) Research Guidance for Ph. D	80
	For PG Dissertation	Nil
	(b) Research Project Completed	Nil
	(c) Research Project ongoing	15
5.	(a) Patent	
	(b) Policy Document (Submitted To An International Body/ Organisation Like UNO/UNESCO/World Bank /International Monetary Fund etc. or Central Government or State Government)	Nil
	(c) Awards	
6.	Invited Lecture /Paper presented at National/ International seminar/conferences /full papers in conference proceedings	20
	Total Research Score	258.5

The above-mentioned details are correct as per my knowledge in concerned.


Signature of the teacher

I certify that the information provided is correct as per records available with the Internal Quality Assurance cell of Kamla Nehru Mahavidyalaya, Nagpur.


Forwarded through:
IQAC Coordinator
Kamla Nehru Mahavidyalaya
Nagpur.


Principal

PRINCIPAL
Kamla Nehru Mahavidyalaya,