

RESUME



Applied Post:- Associate Professor/Assistant Professor in Mathematics

1. Name in Full :- Dr. Rama Nand Mehta
2. Father's Name :- Shri Shiv Narayan Mehta
3. Nationality :- Indian,
4. Marital Status :- Married, Gender:- Male
5. Date of Birth :- 30 March 1965
6. Correspondence Address :- Dr. R. N. Mehta,
Flat No.:- 805, Wing - D, Urban Gram Society,
At:- Kondhave Dhavade, Uttamnagar,
Pune – 411023 (Maharashtra),
Email:- ramamehta4132@gmail.com
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7. Educational Qualifications:-

Degree awarded /Examination passed	University/Board	Year of passing	% of marks/ CGPA	Subjects
Ph. D.	T.M.B.U. Bhagalpur	2014		Mathematics
M.Sc.	L.N.M.U. Darbhanga	1992	77.37%	Mathematics
B.Sc. (Honours)	L.N.M.U. Darbhanga	1989	57.37%	Mathematics
I.Sc.	L.N.M.U. Darbhanga	1984	60%	Phy, Chem, Maths, Hindi, English
Matric	B.S.E. Board Patna	1980	62.55%	Phy, Chem, Maths, Hn, Eng, S.S, Snk

8. Topic of research for Ph. D. :- **“Relativistic study of some thermodynamic and charge parameters of Black holes and super dense star”**

9. Field of Specialization:- Theory of Relativity, Differential Equation, Operation Research, Algebra, Numerical Analysis, Differential Geometry, Laplace Transform, Fourier Series & Transform

10. Previous Employment:-

Name of Employer	Designation of post	Duration of employment period
1. Commandant National Defence Academy Khadakwasla, Pune – 411023 (Maharashtra)	Assistant Professor	From 07 Oct. 1996 to 29 Jun 2016
2. P. V. P I. T. Bavdhan, Pune - 411021	Assistant Professor	From 26 Dec 2016 to 30 June 2017
3. J. S. P. M. Narhe Technical Campus, Narhe, Pune – 411041	Assistant Professor	From 21 July 2017 to 01 Feb 2018
4. ISB&M School of Technology, Nande, Pune -412115	Associate Professor	From 04 June 2018 to 11 June 2019

11. (a) Basic Pay (in NDA):- Rs. 24860/- + G.P. 6000/- + Transport allowance 3200/- +NDA Special allowance 300/
 (b) Basic Pay(in JSPM):- Rs. 23567/- + G.P. 7000/- + Other allowances
 (c) Basi Pay(in ISB&M) :- 37400/- + G.P. 9000/- + Other allowances

12. Teaching (i) Mathematics:- M I, M II & M III (ii) M.E. [Mechanical(Design Engineering)] Advanced Mathematics and (iii) M.E. [Mechanical(Heat Power/Energy)] Advanced Mathematics & Numerical Methods.

13. 12(Twelve) Research papers published in high impact factor international journals, with high publication repute Springer Journal (NETHERLAND) and International Journal of Astronomy and Astrophysics, Scientific Research Publishing Inc., P. O. BOX 54821, Irvine CA 92619-4821, USA and some papers are in repute international journals.

14. Research work citations:-146, H Index:- 5, i-10 Index:-3 & Research Gate Score:-9.50

15. Published research papers:-

S.No.	Paper Entitled As	Journal/Country/Vol/Year/ Pages	Impact Factor	Citations
(i).	Relativistic model of radiating massive fluid sphere	Astrophys and Space.Science Netherland-2010 Vol-327(2), Page no- 279-283	2.401	6
(ii)	New class of regular and well behaved exact solutions in general Relativity	Astrophys and Space.Science Netherland-2010 Vol-330(2), Page no- 353-369	2.401	16

(iii)	Well behaved class of charge analogue of Heintzmann's relativistic exact solution	Astrophys and Space.Science Netherland-2011 Vol-332, Page no- 473-479	2.401	35
(iv)	A well-behaved class of charged analogue of Durgapal solution	AstrophysSpace.Sci. Netherland-2013 Vol 343 pp 655-662	2.401	03
(v)	Change in Energy of Non-Spinning Black Holes w.r.t. the Change in Mass	International Journal of Astronomy and Astrophysics, 2013, 3, 49-56	0.93	
(vi)	Radiative efficiency of black holes in AGN	International Journal of Astrophysics and Space Science 2013; 1(4): 52-55 Published online October 30, 2013(http://www.sciencepublishinggroup.com/j/ijass) doi:10.11648/j.ijass.20130104.16	0.83	
(vii)	Energy of the non-spinning black holes in XRBs and AGN	SJPS Volume 3, Issue 2 September 2013, PP. 1-5 http://www.sjps.org/ © American V-King Scientific Publishing ISSN: 21671575 EISSN: 2167-1583	0.98	
(viii)	Change in Internal Energy of Non-Spinning Black Holes in XRBS	ISSN: 2277-3754 ISO 9001:2008 Certified International Journal of Engineering and Innovative Technology (IJEIT) Volume 3, Issue 6, December 2013	1.895	
(ix)	Internal Energy of the Non-spinning Black Holes.	<i>Advanced Materials Research Vol. 787 (2013) pp 681-686</i> © (2013) Trans Tech Publications, Switzerland <i>doi:10.4028/www.scientific.net/AMR.787.681</i>	3.25	

(x)	Study of variation of temperature of black holes with respect to mass in XRBs	International Journal of Astrophysics and Space Science 2013; 1(4): 61-63 Published online November 10, 2013 (http://www.sciencepublishinggroup.com/j/ijass) doi: 10.11648/j.ijass.20130104.18	1.523	
(xi)	Change in internal energy of non-spinning black holes in AGN	ISSN: 2277-3754 ISO 9001:2008 Certified International Journal of Engineering and Innovative Technology (IJEIT)	1.895	
(xii)	<i>Well behaved class of charge analogues of Pant II relativity exact solution</i>	ISSN:2278-5299, International Journal of Latest Research in Science and Technology, Volume 5, Issue 1: Page No80-89, January-February 2016 http://www.mnkjournals.com/ijlrst.htm	2.51	

16. Diploma in Information Technology, CMS Computer Institute Mumbai.

17. Participated in the Workshop on “Writing Your Thesis” held at Great Foundation, Global Research Education and Training Foundation, Pune on 30th January 2005

18. Participated in 43rd Annual Conference held at Bodh Shiksha Samiti, Jaipur from 26th December 2008 to 28th December 2008.

19. National workshop on “Data Analysis using SPSS” attended at T.M.B.U. Bhagalpur.

20. Participated in U.G.C. 84th Orientation Programme at Ranchi University Ranchi.

21. Participated in ICSRD Sponsored International Seminar on Marwari College Bhagalpur from 29 Feb. to 01 March 2020.

22. Participated on Two Days International Conference , Department of Sanskrit, T..M. B. U. Bhagalpur from 12 Oct. – 13 Oct. 2020.

23. Membership of Professional Societies:-

- (i) Life member of “Indian Association for General Relativity and Gravitation”(206)
- (ii) Life member of “The Association of Mathematics Teachers of India” (LO5087)

24. Experience:- (i) More than 22 years 06 months teaching experience.

(ii) Primary duties: Teaching, setting of question papers, evaluation of answer scripts , project and preparation of result and other related works under the supervision of HOD and Higher Authorities.

25. Academic Allied duties other than Academics/Departmental duties

- (a) Member of the selection committee
- (b) J A O (Joint Adviser Officer) of Arts Club (2008) and Media Club (2011)
- (c) Recorder and Judge in various Academic events
- (d) Presiding officer of various Boards
- (e) Member of various Boards
- (f) Tabulator
- (g) POP (Passing Out Parade) related duties as a member
- (h) OIC/ Member of Tender Opening

26. OIC (Officer in charge) of first semester of books store.

Dr. Rama Nand Mehta