

CURRICULUM-VITAE

Rati Bajpai

H.No.- 140 Gupta Society Indra Nagar

Kanpur Nagar

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CAREER OBJECTIVE:-

With Sincerely and loyalty in my hands. It become my ultimate aim to obtain a position and built a long term career in teaching as well as research related activities. I am associated with in a manner that suits the organization the best.

ACADEMIC QUALIFICATION

- ❖ High School from U.P. Board Allahabad.,(1996)
- ❖ Intermediate from U.P. Board Allahabad.,(1998)
- ❖ B.Sc. from CSJM University, Kanpur.(2001)
- ❖ M.Sc. (Math) from CSJM University, Kanpur.(2005)
- ❖ B.Ed. from from CSJM University, Kanpur.(2008)
- ❖ M.Sc. from EILM University.(2011)
- ❖ Ph.D pursuing

TEACHING EXPERIENCE

- ❖ 1 year experience of teaching in V.S.E.C. Panki, Kanpur.
- ❖ 5 year experience of teaching of engineering entrance exam.
- ❖ 1 year experience of teaching in Akash Institute Pvt. Ltd., Delhi.
- ❖ 1 year experience of teaching in Narayana College of Engineering & Technology, Kanpur.
- ❖ 1 year experience of teaching in TrivaAg Institute, Lucknow.
- ❖ Currently working in faculty of Engineering and Technology, RamaUniversity Mandhana ,Kanpur from 23 Jan 2012 upto till now.

ADMINISTRATIVE EXPERIENCE

- ❖ Dean of Student welfares (2015-till Date)
- ❖ Head of Department (2013-2014)
- ❖ Member of Anti ragging committee. (2012- till Date)
- ❖ Member of Internal Complain committee. (2012- till Date)
- ❖ Head, Department of Applied Sciences & Humanities (2016-till Date)
- ❖ Head Coordinator of NAAC , (2019-till Date)
- ❖ First Year Academic in charge (2014 – 2016)
- ❖ Convener of Women Safety Committee (2016-till Date)
- ❖ Convenor of BOS (Board of Studies) for first year syllabus of B.Tech, B.Sc & Diploma modification in Rama University, Kanpur.
- ❖ Academic timetable incharge of B.Tech, B.Sc, & Diploma First Year

- ❖ Member flying squad during University's examination
- ❖ B.Tech Coordinator (2009-10) Nariana College of Engineering & Technology
- ❖ BTech, BSc & Diploma **Class Coordinator & Mentor** in FET, Rama University, Kanpur in 2012-14
- ❖ Convener of Annual Technical and Cultural events Organized by Rama University (2013 to 2020)

WORKSHOP

1. **Attended** the seven days online national **Workshop** on “**Research Methodology**” organized by Magadh University, Bhod Gaya from **01 to 07 June, 2020 (one week)**.
2. **Participated** the 2 days **Workshop** on “**Need and Relevance of Research Methodology**” organized by Faculty of Agriculture and Allied Industries, Rama University Uttar Pradesh, Kanpur (U.P.) during **1-2nd April, 2019 (two days)**.
3. **Attended** the International Workshop on “**Education Technology & Green ICT**” organized by Faculty of Engineering and Technology, Rama University, Uttar Pradesh, Kanpur (U.P.) on **9th March, 2016 (one day)**.
4. **Attended** the Faculty Development Programme (**FDP**) on “**7 Habits of Highly Effective Teachers**” organized by Faculty of Commerce & Management, Rama University, Uttar Pradesh, Kanpur (U.P.) on **30th April, 2016 (one day)**.

OTHER PROFESSIONAL EXPERIENCES:

1. **Worked** as “**Active Member of Organizing Committee**” and “**Sponsorship Committee**” in national conference on “**Trends in Signal Processing & Computing (TSPC-15)**” organized by Faculty of Engineering and Technology, Rama University Uttar Pradesh, Kanpur during **19-20th September, 2015**.
2. **Worked** as “**Active Member of Organizing Committee**” and “**Sponsorship Committee**” in 1st National conference on “**Current Advances in Science & Technology (CAST-2016)**” organized by Department of Applied Sciences and Humanities (Faculty of Engineering and Technology), Rama University, Uttar Pradesh, Kanpur on **19th March, 2016**.
3. **Worked** as “**Active Member of Organizing Committee**” and “**Sponsorship Committee**” in 1st International conference on “**Engineering Science & Advance Research (ESAR-18)**” organized by Faculty of Engineering and Technology, Rama University Uttar Pradesh, Kanpur (U.P.) during **23-24th February, 2018**.
4. **Worked** as “**Active Member of Organizing Committee**” and “**Discipline Committee**” in 2nd International conference on “**Engineering Science & Advance Research (ESAR-19)**” organized by Faculty of Engineering and Technology, Rama University Uttar Pradesh, Kanpur during **13-15th March, 2019**.
5. **Worked** as “**Active Member of Organizing Committee**” in International conference on “**Artificial Intelligence & Robotics in Life Sciences (ICAR2020)**” organized by Faculty of Engineering and Technology, Rama University Uttar Pradesh, Kanpur during **29-30th November, 2019**.

6. **Organized an International Conference** on Advanced Nanomaterials (ICAN-2020) on 27-29 Feb. 2020 as **an Organizing Secretary**
7. **Worked** as a developer of study material in Akash Institute Pvt. Ltd., Delhi

FDP/ AICTE sponsored course:

1. **Attended** the online **1 week** Faculty Development Programme (FDP) on “**Udbhav: A lecture series to facilitate creative learning**” organized Magadh University, Bhod Gaya from **12 to 17 June, 2020 (one week)**.
2. **Attended** the **1 week** Faculty Development Programme (FDP) on “**Sustainable Management: New Dimensions for Enhanced Capabilities of Educators**” organized by Faculty of Commerce & Management, Rama University Uttar Pradesh, Kanpur (U.P.) from **17th July to 22nd July, 2017 (one week)**.
3. **Attended** the online **1 week** Faculty Development Programme (FDP) on “**Application of different Tools and Techniques for Academic and Research Writing & Reporting**” organized by R. R. Institute of Modern Technology, Lucknow from **18 to 23 May, 2020 (one week)**.
4. **Attended** the Faculty Development Programme (FDP) organized by Department of Applied Sciences and Humanities (Faculty of Engineering and Technology), Rama University, Uttar Pradesh, Kanpur (U.P.) on **25th January, 2016 (one day)**.
5. **Attended** the Faculty Development Programme from Wipro Organised by R.I.E.T.
6. **Attended** webinar on ‘**Patent Search and Analytics using IPGRAM**’ on 15th May, 2020.
7. **Attended** webinar on ‘**Examination in the wake of the UGC guidelines for Universities in view of COVID-19 Pandemic Subsequent Lockdown**’ on 15th May, 2020.
8. **Attended** International webinar on ‘**Cyber Security Recruitment of Next Gen IT Industry**’ Organised by **RR Group of Institutions** on 28th May, 2020.
9. **Attended** **3 days** webinar on ‘**A Review of the New NAAC Methodology from AQAR to PVT**’ from 26th May to 28th May, 2020
10. **Attended** **CXOs** webinar on ‘**Building New Leadership Capabilities Post COVID 19**’ Organised by **SMS** on 23rd May, 2020.
11. **Attended** the Faculty Development Program on Data Analysis Using Excel from 20th July to 24th July, 2021 ‘**Organised by E & ICT Academy, IIT Kanpur.**
12. **Attended** FDP on Amalgamation of Technical Pedagogy and Methodology for Effective Teaching-Learning Outcome from 2021-08-03 to 2021-08-07 organized by Faculty of Engineering & Technology, Rama University Uttar Pradesh, Kanpur (U.P.)

PUBLICATIONS

PAPERS PUBLISHED

1. **Rati Bajpai & Vinod Kumar Yadav**, “**Mathematical modeling of the filtering granular**”, **JUNI KHYAT JOURNAL**, vol-10, Issue-6, No.11, pp.68-77 (**June 2020**). **ISSN 2278-4632**
UGC Care Group I, Impact Factor: 6.625

Book:

Title: Mathematical Mystery of Paradoxes: An Illustrative Guide: Part-1 (Probability)

by [Rati Bajpai](#) (Author), [Aditya Veer Gautam](#) (Author), [Hari Om Sharan](#) (Author)

Book: published in Amazon

ISBN : 9798578318602

BOOK CHAPTER:

1. Title: Ordinary Differential Equations

Book: ResearchTrends in Mathematics and Statistics Vol.8

Published

Publication: India: AkiNik Publications , India Office:Address: # 3, Pocket H-34, Sector-3, Rohini, New Delhi, India- 110085

ADDITIONAL SKILLS

- Computer
 - Operating System: PC DOS, MS WINDOWS
 - Software's: MS Office, MS Power Point, MS Word, MS Excel, MS Equation
 - Proficiency in writing and presenting scientific papers

PERSONAL DETAILS:-

Husband Name : **Mr. Manish Bajpai**
Date of birth : 10-06-1981
Gender : Female
Language known : Hindi & English
Nationality : Indian

HOBBIES & INTEREST:-

❖ Reading working, Honesty, Cooperative Nature.

DECLARATION:-

- I hereby declare that above information that furnished is true & correct to the best of my knowledge and belief.

Date:

Place:-

(Rati Bajpai)