

**SAMPLE COPY**

## **Performa Faculty Profile for website Updation:**



### **Dr. Neeta Saxena**

Associate Professor

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Contact No: +91-9406587068, 8319118850

### **Educational Qualification:**

Ph.D (Mathematics)

**Total Experience:** 25 yrs

Academic : 25 yrs. | Industry : yrs | Research : 12 yrs

### **Areas of Interest:**

Transportation problem, Air pollution modeling

### **Brief Profile:**

### **Research publications in International Journal:**

**Total Citation Index: 134 (h-index: 04, i10-index: 02)**

1. Public Transport System Planning for Indian Cities. (Published in International Journal of Academicians: Global Education Society and Development. GESD-Vol.2 No. 3 Oct. - Dec.,2010)
2. Markov Process to forecast the demand of the motor policies.( Published in An International Journal of Academicians: Global Education Society and Development. GESD-Vol. 2 No. 3, Oct. - Dec., 2010)

3. Stability Analysis of Food Chain Model.(Published in International Journal of Stability and Fluid Mechanics: Association for The Advancement in Combinatorial Sciences. V2 N2 July.-Dec 11)
4. Air pollution Due to Road Transportation: Assessment and Reduction strategies. (Published in International Journal of Environmental Development and Research, Bhopal. Volume. 8,july to September 2013.)
5. Role of e-Governance to strengthen higher education system in India.( Published in IOSR Journal of Research & Method in Education Volume 4, Issue 2 Ver. I (Mar-Apr. 2014), PP 57-62)
6. Linear modeling in Transportation Problem: Need of Reliable Public Transportation System in Madhya Pradesh with special reference to Gwalior division. (Published in IOSR Journal of Mathematics, Volume 11, Issue 1 Ver. III (Jan - Feb. 2015).
7. Evaluation of Road Traffic Congestion by Shock Wave Theory and Reduction Strategies.(Published in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169 volume 5, Issue 5 May 2017)
8. A study on effective teaching, correlation between regularity of students in Mathematics and performance using model time table.( Published in International journal of Scientific Research in Science and Technology- IJSRST, ISSN:2395-6011,volume 3, Issue 3, May 2017)
9. Analysis of Road Traffic Accident Using Causation Theory With Traffic Safety Model and Measures.( Published in International Journal for Research in Applied Sciences and Engineering Technology- IJRASET, ISSN: 2321-9653,Volume 5,Issue VIII, August 2017)
- 10.A Study on Survey of the Number of Indian Companies using OR.  
(Published in International Journal of Recent Scientific Research-IJRSR, ISSN: 0976 - 3031, Volume 9, Issue I, January 2018)
- 11.Evaluation of Performance Based Appraisal System in Higher Education Sector using DEA and AHP. (Published in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169, Volume 6, Issue I, January 2018.)
- 12.Solar Energy as Renewable Energy Systems: Perspective and Challenges in Indian Context.( Published in International Journal of Engineering Technology Science and Research-IJETSR,ISSN: 2394- 3386, Volume 5, Issue I, January 2018.)
- 13.A Competitive Analysis of NPA of selected public and private Sector Banks.(published in Journal of Management Value and Ethics,ISSN-2249-9521,Volume 7, Extra Issue No.4,Oct-Dec.2017)

- 14.Recovery of Expensive Metals from e- Waste Recycling and Prediction Model in Indian Perspective.( Published in Journal of Emerging Technologies and Innovative Research, An International open Access journal. ISSN-2349-5162, Volume 5, Issue 7, July 2018.)
- 15.Life Span analysis of Plastic and paper: Recycling of plastic waste using RLM in Indian context.( Published in International Journal of Scientific Research and Review. ISSN-2279-543X, Volume 8, Issue 2, February 2019.)
- 16.E–Waste Analysis Model and its Impact on Human health in Indian context. (Published in International Journal of Management Technology and Engineering. ISSN- 2249-7455, Volume IX, Issue V, May 2019
- 17.Stress Management: Tools Techniques& Strategies with Reference to Happiness. Published in International Journal of Research in Advent Technology, Vol.7, No.5, E-ISSN: 2321-9637, May 2019
- 18.The Effects of E –Waste Elements and Management Strategies on Human Health in India Using R-Studio. Published in International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume 8, Issue 11, September 2019(**Scopus Indexed**)
19. A Model based Approach to Study on Intervention on Spread of COVID 19 in Indians. Published in Mukta Shabd Journal UGC CARE I,ISSN: 2347-3150, Volume 9, Issue 4, April 2020.

**Papers presented in International Conferences:** NA

**Papers presented in National Conferences:** NA

**Patents:** NA

**International/National Conference & Workshops Attended:**

1. International Conference on ‘Climate Change & Sustainable Management Of natural Resources.’ November 2009 (Organized by institute of Allied Science and Computer Application ITM Universe Gwalior.)
2. Staff Development programme on Mathematical Modeling and Simulation. December 2009(Sponsored by AICTE at SVNIT Surat.)
3. Presented Paper in National conference on “Computational Mathematics and its Application to Engineering and Biological System.” May 2010 (Organized in Gwalior Engineering College, Gwalior.

4. National Conference on IT – Contemporary and Future Technologies for Social change.” March 2011.( Organized by ITM Universe Gwalior.)
5. Workshop on “Advanced Computing and Robotics” March 2012 (Organized by ITM University and ITM Universe, Gwalior)
6. National conference on “Analytical Study on Social Moral and Educational Development under Higher education”. January 2014. ( Organized by UGC and M.P. Government, Science College Gwalior)
7. Presented Paper in National conference on “Learning Development” entitled “Motivation for Learning Mathematics in the context of Needs & Aim.” June 2014 ( Organized by Institute of advanced Studies in Education, Jiwaji University Gwalior)
8. National conference on “Advances in mathematical Applications for Engineering & Technology” December 2014. (Organized by Department of Applied Sciences MITS Gwalior)
9. Seminar cum Workshop Innovation and Intellectual Property Rights. January 2017.(Sponsored by NRDC under IFC Scheme held in Amity University Madhya Pradesh)
10. Faculty Development Programme on Quality Higher Education: Indian Universities. June 2017 (Held in Amity University Madhya Pradesh.)
11. International Conference on Advancement in Engineering, Applied Science and Management. January 2018.( Held at Osmania University Centre for International Programmes, Osmania University Campus, Hyderabad )
12. Faculty Development Programme on Research Methodology and Pedagogy in Universities. June 2018 (Held at Amity University Madhya Pradesh.)
13. Seminar on IPR (Intellectual Property Rights) July 2019 organized by Consortium of Women Entrepreneurs if India association with Amity University Madhya Pradesh.
14. National Conference on Advances in Intelligent Computing and Communication Technologies (AICCT-2019) October 2019 (Held at Amity University Madhya Pradesh.)
15. Two Weeks Faculty Development Programme on " MANAGING ON LINE CLASSES and CO-CREATING MOOCS:2 .0 "sponsored by MHRD Pandit Madan Mohan Malviya National Mission of Teachers and Teaching.( 18 May to 03 June 2020)
16. One Week Faculty Development Programme on “Open Source Tools for Research.” sponsored by MHRD Pandit Madan Mohan Malviya National Mission of Teachers and Teaching.(08 June to 14 June 2020)
17. Two days E-national workshop on “Challenges and Opportunities for Mathematics in the present Global Senerio.” Organized by Govt. Shyama Prasad Mukharjee College Sitapur, Distt. Chattisghar. (30-31 August 2020)

18. Two days online International conference on “Emerging Trends in Vedic Mathematics & Applications in Science, Technology and Social Sciences Research (ETVM-ASTSSR 2020, 16- 17 August 2020) organized by Special center for e-Learning JNU New Delhi, India
19. Five days online ATAL (AICTE Training and Learning) FDP on "Bioconversion Technologies and Start-up Opportunities in Biofuels Production" from 2021-06-14 to 2021-06-18 at Silver Jubilee Govt College.
20. One Week Online Faculty Development Program On Advanced Research Methodology Applicable in New Education Policy from 22-28 June 2021 Organized By Digvijay Nath Post Graduate College, Gorakhpur, UP.
21. Participated in Math Popular Lectures on the occasion of National Mathematics Day-2021 organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded on 20 December 2021.
22. One week (Online) National Faculty Development Programme on “Multivariate Analysis and Structural Equation Modeling” (27th November- 2<sup>nd</sup> December, 2021) organised by Shivaji College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

**FDP Attended:** NA

**Awards/Recognitions:** NA

### **Workshops/Seminars/Conference Organized:**

1. Organized the International Conferences on “Recent Advances in Sciences and Engineering” as Convener, held at SAGE University Bhopal, India on 23<sup>rd</sup> April 2022.

### **Membership of Professional Bodies:**

1. **Member of International Association of Engineers:** Member No.191071
2. **Member of** Indian Academicians and Researchers Association (IARA)

## Other Activities:

- Have worked as member of organizing committee of International Conference on Recent Advances in Science and Engineering, organized by SAGE University Bhopal.
- Have worked as research coordinator in Amity Business School, AUMP.
- Have designed the Syllabus and Syllabus Review of Mathematics for MBA and BBA and B.Com. Amity University.
- Have worked as HOD Mathematics, IASCA
- Was selected for setting End Semester Papers since three years for ITM University and Bhoj Open University.
- Have worked as an Academic coordinator for School of Computer Application, ITM University.
- Have designed the Syllabus and Syllabus Review of Mathematics for MCA and BCA, ITM University.
- Member of the Invitation committee of Two days Workshop on “Cyber Security & Ethical Hacking” in ITM University in 2014.
- Have drafted/planned/organized proposals for ITM University for MPCOST, AICTE for grant of funds for organization.

## Other Achievements:

1. **Member of Editorial Board:** International Journal on Recent and Innovation Trends in Computing and Communication. (ISSN: 2321-8169).
2. **Review Member:** Journal of Emerging Technologies and Innovative Research (JETIR, ISSN: 2349-5162). Ref. ID- **112282**.
3. **Editorial Board member** Science Publishing Group: Mathematical Modeling and Applications. ISSN No. 2575-1786.
4. **Editorial Board member** – GLOBAL JOURNAL OF MULTIDISCIPLINARY STUDIES (Edwin Group of Journals).

5. **Editorial Board member** for all associated journals of BEIESP( Blue Eyes Intelligence Engineering & Sciences Publication)