

L.A.D. & Smt. R.P. College for Women, Nagpur

FACULTY PROFILE



❖ Basic Information

- **Name:** Dr. Kamini Shukla
- **Designation:** Assistant Professor(Adhoc)
- **Department:** Mathematics
- **Area of Specialization:** Relativity & Wireless Network

❖ Educational Qualifications: M.Sc., B.Ed., Ph.D. (Mathematics) M.C.A.

❖ Teaching Experience:

- **Total Teaching Experience:** 25 + Years

❖ Research Experience

- Total Research Experience: 25 years
- Areas of Research Interest: Cosmology and Wireless Network

❖ Research Publications

(A) Research Papers in National/ International Journals

- Published a research Paper titled “A Review on Tree Routing in Zigbee Wireless Network” in TECH-CHRONICLE an International e-journal on Emerging Trends in Science, Technology and Management ISSN NO. 2454-1958 www.techchronicle.in presented in techsoft TEC-ED-17
- Published a research Paper titled “Designing an IP-Based Wireless Sensor Network for Monitoring System” published in Journal of Emerging trends in Computing & Information Sciences ISSN 2218-630/ ISSN 2079-8407 presented at National Conference on Information & Communication Technology, 2010
- Published a research Paper titled “A Study of Motion Planning Algorithms for Mobile Robots” published in International journal of Computer Science & Engineering in February 2011 ISSN NO. 0975-3397. Presented in National Conference on Information & Communication Technology, 2010.
- Published a research Paper titled “Advance and Efficient Tree Routing in Zigbee

Wireless Network by using NS2” published in International journal of Advanced Engineering, Management and Science(IJAMS) Special Issue-3 ISSN: 2454-1311 Page 46-50, 2017

- Published Two research Paper titled “ A survey on Advances Security Mechanism for providing Security in Wireless sensor Network” ^& “A Review on Computer Simulation Modelling” published in International journal of Engineering and creative Science volume 7 www.ijecs.net
- Published a research Paper titled “On Eulerian Angles” published in Indian Journal of Pure & Applied Mathematics 23(7):509-530, July 1992.

(B) Books / Book Chapters

Authored-

- Probability and Statistics by Preface Co. , ISBN No. 978-81-963511-4-4 1st Edition 14th October 2025

(C) Conference / Seminar Proceedings

- Research paper entitled “Enhancing Inventory Management Techniques in Technological Scenario” in Proceedings of International Conference -2011
- Presented Two Research Papers titled “Robotics in Agriculture: Smart Farm”&“Web Data Clustering- A Review “ine-Proceeding NIRMITI-2011(Novel Ideas & Realistic Models in Techno-Innovations) held at Priyadarshini Institute of Engineering & Technology.www.techchronicle.in
- International Conference Presentation of Paper entitled “Successful Software Projects Need Requirement Planning” in International Conference published in Proceedings ISSN NO. 2250-9596 Innovative Trade practices For Sustainable Growth and Development of Businesses at G.H.Raisoni Institute of Information Technology GHRIIT SYNERGY 2014, NAGPUR
- Presented Paper Entitled “Methods of Processing Data Stream”, published in TECH-CHRONICLE AN International e- journal on Emerging Trends in Science, Technology and Management ISSN NO. 2454-1958 www.techchronicle.in presented in techsoft.

❖ Orientation / Refresher Courses / FDPs Attended

- State Level Faculty Development Programme Nagpur Chapter Organized by Management Association of MCA institute on January 2016IIUCCA Pune.

- Two Week ISTE Workshop on Cyber Security From 10th to 20th March 2014 conducted by IIT, Bombay at Department of Computer Technology, Kavikulguru Institute of Technology & Science., Ramtek
- Inter university graduate school Sponsored by UGC at Pune in February 2010.

❖ **Papers Presented in Conferences / Seminars**

- Presented a research paper entitled “Genetic Algorithm: Work for Query Optimization” in an National Conference –On Advanced Technology NIRMITI-2011(Novel Ideas & Realistic Models in Techno-Innovations)
- Presented a research paper entitled “Recent Trends in Mobile & Cloud Computing(NCRMC-2014) in the National Conference at Shri Ramdeobaba College of Engineering and Management, Nagpur
- Presented a research paper entitled “Tensor Analysis of Higher order Dimension” presented in International Conference techscientia.

❖ **Workshops / Seminars / Conferences Organized**

- Chief Faculty Co-ordinator in organizing a Workshop ‘On National Android application Development Championship’ for two days NADC India Zonal Level Workshop in association with ARK Techno solution & IIT, Bombay held at KITS Ramtek.
- organized two days State Level Workshop ‘On Era of Soft Computing & Data Mining’ organized by CSE & MCA Department P.I.E.T., Nagpur On November 2010

❖ **Administrative Responsibilities**

- Head- Department of MCA at KITS Ramtek

❖ **Membership of Professional Bodies**

- **UWAN** (University Women’s Association, Nagpur)
- **ISTE** (Indian society of Technical Education)