

Name : N. Kumar
Designation : Assistant Professor
Department : Computer Science
Qualification : M.Sc., M. Phil., (Ph. D.)

Experience:

Teaching: 14 Years Industry: 1 Year Research: 3 Years

Area of Specialization(s) : Big Data Mining, Data Analytics

Email (Official ID) : kumar@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Government Arts College, Udumalaipettai	Pursuing
M. Phil.	Computer Science	Bharathidasan University, Trichy	2009
M. Sc.	Applied Science and Computer Technology	Mahendra Engineering College, Salem	2004
B. Sc.	Computer Science	VLB College of Arts and Science, Coimbatore	2000

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certificate	Joy of Programming Using Python	NPTEL, IIT Madras	2018
Certificate	R Programming	NPTEL, IIT Madras	2017
Certificate	Malayalam	State Resource Center, Thiruvananthapuram	2016

Research Publications (Indexed)

International

- 1) T. Kavipriya, N. Kumar, **A Study on Machine Learning Algorithms for Big Data Analytics**, IOSR Journal of Engineering, Vol.1, Special Issue, pp. 40-46, December 2018, ISSN (e): 2250-3021, ISSN (p): 2278-8719, (Indexed UGC)

- 2) V. Shobana, N. Kumar, **A Personalized Recommendation Engine for Prediction of Disorders using Big Data Analytics**, IEEE International Conference on Innovations in Green Energy and Healthcare Technologies, Special Issue, pp.1-4 April 2017, (Indexed SCOPUS)
- 3) N. Kumar, Dr. T. Christopher, **A Big Data Mining - A Review**, International Journal of Computer Science and Information Technology, vol. 6, Issue No. 4, pp.4141 – 4144, August 2015, ISSN 0975-9646, (Indexed Google Scholar)
- 4) V. Shobana, N. Kumar, **A Big Data – Review**, International Journal of Applied Engineering Research, Vol. 10, Issue. 55, pp.1294-1297, June 2015, ISSN No: 0973-4562, (Indexed SCOPUS)
- 5) N. Kumar, T. Kavipriya, **Mapping Missing Data Items Values using Cluster Based Nearest Neighborhood Method**, International Journal of Engineering and Management Research, Vol.5, Issue.2, pp.235-239, April 2015, ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962, (Indexed Google Scholar).

Consultancy

Nature of Consultancy	Client	Amount	Completion Status
MIS	Sree Mahalakshmi Engineering Works, Coimbatore	15,000	Completed

Presentations in Conference

- 1) **A Study on Machine Learning Algorithms for Big Data Analytics**, International Conference on Computational Intelligence and Data Science, Sankara College of Science and Commerce, Coimbatore, 10-Oct-18.
- 2) **Internet of Things and its Smart Technology**, International Conference on Research Trends in Computing Technologies, Dr. N. G. P. Arts and Science College, Coimbatore, 9 & 10-Aug-18.
- 3) **A Personalized Recommendation Engine for Prediction of Disorders using Big Data Analytics**, IEEE International Conference on Innovations in Green Energy and Healthcare Technologies (ICIGEHT'17), Dr. N. G. P. Institute of Technology, Coimbatore, 16 to 18-Mar-17.
- 4) **Big Data - A Review**, International Conferences on Advances in Applied Engineering and Technology, Syed Ammal Engineering College, Ramanathapuram, 14 to 16-May-15.

Participation in Conference

International

- 1) **Advances in Applied Engineering and Technology**, Syed Ammal Engineering College, Ramanathapuram, 14 to 16-May-15
- 2) **Recent Trends in Computer Technologies**, Dr. N.G.P. Arts and Science College, Coimbatore, 30 to 31-Jan-14.

National

- 1) **Emerging Education Models for 21st Century Learner**, Association of Principals of Colleges of Bharathiar University and UGC Human Resource Development Centre, Bharathiar University, Coimbatore, 1-Aug-15.

Participation in Seminars

- 1) **Big Data Challenges and Oppurtunities - A Persepctive on Security and Social Media Analysis**, Avinashilingam University, Coimbatore, 19 & 20-Feb-15.
- 2) **Computing Technologies and Their Applications**, Kovai Kalaigamal College of Arts and Science, Coimbatore, 25-Sep-14.
- 3) **Cyber Security Awarness and Defense Techniques**, Dr. N.G.P. Arts and Science College, Coimbatore, 25-Aug-14.
- 4) **School Education - Some Reflections**, Sankara College of Science and Commerce, Coimbatore, 3-Sep-10.
- 5) **Networking Technologies**, Dr. Mahalingam College of Engineeing and Technology, Pollachi, 21-Mar-06.

Participation in Workshop

- 1) **Dissemination Workshop on Atal Ranking of Institute on Innovation Achievements (ARIIA)**, MHRD's Innovation Cell (MIC), SRM TRP Engineering College, Trichy, 9-Jan-19.
- 2) **Revised NAAC Norms and Procedures**, Association of Principals of Colleges of Bharathiar Uniersity, Bharathiar University, Coimbatore, 26 & 27-Oct-18
- 3) **NAAC- Revised Accreditation Framework and A Road Map to Higher Education Institutions**, Kongu Nadu Arts and Science College, Coimbatore 28-Sep-18.

- 4) **Data Analytics using R Software**, Bannari Amman Institute of Technology, Erode, 14 & 15-Jul-17.
- 5) **Data Science Research**, National Institute of Technology, Tiruchirappalli, 3 to 6-Nov-16.
- 6) **India-Taiwan Cooperation Workshop on Intelligent Data Analysis Techniques**, Pondicherry University, Pondicherry, 17-Mar-15.
- 7) **Big Data Analytics Tools**, Kongu Engineering College, Erode, 19 to 20-Sep-14.
- 8) **Data Mining and its Applications using Rapid Miner**, Dr. N. G. P. Arts and Science College, Coimbatore, 28-Dec-13.
- 9) **Big Data Storage and Analytics**, Dr. N. G. P. Institute of Technology, Coimbatore, 27-Dec-13.
- 10) **Foss in Science**, Union Christian College, Alwaye, 4 to 6-Jan-07.

Participation in Orientation Programme / Short Term Courses

- 1) **Drivers of Higher Education 3.0: Technology, Innovation and Competency**, Confederation of Indian Industry, Coimbatore, 19 & 20-Dec-18.
- 2) **Recent Trends in Artificial Intelligence for Big Data**, National Institute of Technology, Goa, 7 to 9-Aug-15.
- 3) **Quality Leadership for Future Campuses**, Confederation of Indian Industry, Coimbatore, 29 to 30-Jan-10.

Participation in Faculty Development Programme

- 1) **Quality Measures in Higher Education**, Dr. N.G.P. Arts and Science College, Coimbatore, 3 to 9-Dec-18.
- 2) **Introduction to R Programming**, ICT Academy of Tamil Nadu, Dr. N.G.P. Arts and Science College, Coimbatore, 30 & 31-Aug-18.
- 3) **People Empowering People**, ICT Academy of Tamil Nadu, CMS College of Engineering and Technology, Coimbatore, 20 to 24-Jan-14.

Conference / Seminar / Workshop Organized

- 1) Committee Member, International Conference On Research Trends In Computing Technologies, Dr. N.G.P. Arts and Science College, Coimbatore, 9 & 10-Aug-18.

- 2) Committee Member, Seminar on Cyber Security Awareness and Defense Techniques, Dr. N.G.P. Arts and Science College, Coimbatore, 25-Aug-14.
- 3) Committee Member, Workshop on Data Mining and its Applications using Rapid Miner, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Dec-13.

Invited Speaker / Session Chair / Member Organizing Committee - Conference / Seminar / Workshop

- 1) Invited Speaker, Guest Lecture of DHTML and CSS, Department of Management, RVS College of Arts and Science, 15-Feb-11.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
International Association of Computer Science and Information Society	-	Life-time