

**Name: Mr.N.Kumar**

**Designation:** Assistant Professor

**Department:** Computer Science

**Qualification:** M.Sc., M. Phil., (Ph.D.)

**Experience:** Teaching: 16 Years Industry: 1 Year Research: 3 Years

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

**Email (Official ID):** [kumar@drngpasc.ac.in](mailto:kumar@drngpasc.ac.in)



### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Government Arts College, Udumalpet	Pursuing
M. Phil.	Computer Science	Bharathidasan University,Trichy	2009
M.Sc	Applied Science and Computer Technology	Mahendra Engineering College, Periyar University, 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, Trivanduram	2016

### Projects

#### On Going and Completed

Project Title	Agency	Amount	Duration
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## Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	-
M. Phil.	-	-

## Research Publications (Indexed)

### *International:*

T.Kavipriya and 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)

V.Shobana and 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)

N.Kumar, and 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)

V.Shobana and 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)

N.Kumar and 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).

## Other Publications: International / National Journals

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## Book Publications

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## Consultancy

Nature of Consultancy	Client	Amount	Completion Status
<i>Mis</i>	<i>Sree Mahalakshmi Engineering works, Coimbatore</i>	<i>15,000</i>	<i>Completed</i>

## Presentations in Conference

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-2018.

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 2018.

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, 16-18 MAR 2017.

BIG DATA-A REVIEW, International Conferences on Advances in Applied Engineering and Technology, Syed Ammal Engineering College, Ramanathapuram,14-16 May 2015.

## Participation in Conference

### ***International:***

RECENT TRENDS IN COMPUTER TECHNOLOGIES, Dr.N.G.P. Arts and Science College, Coimbatore, 30-31 JAN 2014.

International Conferences on Advances in Applied Engineering and Technology, Syed Ammal Engineering College, Ramanathapuram,14-16 May 2015

### ***National:***

CONFERENCE ON EMERGING EDUCATION MODELS FOR 21<sup>ST</sup> CENTURY LEARNER, Association of Principals of Colleges of Bharathiar University and UGC Human Resource Development Centre, Bharathiar University, Coimbatore, 1 AUG 2015.

## Participation in Seminars

BIG DATA CHALLENGES AND OPPURTUNITIES-A PERSECPECTIVE ON SECURITY AND SOCIAL MEDIA ANALYSIS, Avinashilingam University, Coimbatore, 19-20 FEB 2015.

COMPUTING TECHNOLOGIES AND THEIR APPLICATIONS, Kovai Kalaigamal College of Arts and Science, Coimbatore, 25 SEP 2014.

CYBER SECURITY AWARENESS AND DEFENSE TECHNIQUES, Dr.N.G.P. Arts and Science College, Coimbatore, 25 AUG 2014.

SCHOOL EDUCATION -SOME REFLECTIONS, Sankara College of Science and Commerce, Coimbatore, 3 SEP 2010.

NETWORKING TECHNOLOGIES, Dr.Mahalingam College of Engineering and Technology, Pollachi, 21 MAR 2006.

### **Participation in Workshop**

DISSEMINATION WORKSHOP ON ATAL RANKING OF INSTITUTE ON INNOVATION ACHIEVEMENTS (ARIIA), MHRD's Innovation Cell (MIC), SRM TRP Engineering College, Trichy, 9 JAN 2019.

REVISED NAAC NORMS AND PROCEDURES, Association of Principals of Colleges of Bharathiar University, Bharathiar University, Coimbatore, 26-27 OCT 2018

NAAC- REVISED ACCREDITATION FRAMEWORK AND A ROAD MAP TO HIGHER EDUCATION INSTITUTIONS, Kongu Nadu Arts and Science College, Coimbatore 28 SEP 2018.

DATA ANALYTICS USING R SOFTWARE, Bannari Amman Institute of Technology, Erode Dt, 14-15 JUL 2017.

DATA SCIENCE RESEARCH, National Institute of Technology, Tiruchirappalli, 3-6 NOV 2016.

INDIA-TAIWAN COOPERATION WORKSHOP ON INTELLIGENT DATA ANALYSIS TECHNIQUES, Pondicherry University, Pondicherry, 17 MAR 2015

BIG DATA ANALYTICS TOOLS, Kongu Engineering College, Erode, 19-20 SEP 2014.

DATA MINING AND ITS APPLICATIONS USING RAPID MINER, Dr.N.G.P. Arts and Science College, Coimbatore, 28 DEC 2013.

BIG DATA STORAGE AND ANALYTICS, Dr.N.G.P. Institute of Technology, Coimbatore,27 DEC 2013.

FOSS IN SCIENCE, Union Christian College, Alwaye, 4-6 JAN 2007.

#### **Participation in Orientation Programme / Short Term Courses**

DRIVERS OF HIGHER EDUCATION 3.0: TECHNOLOGY, INNOVATION AND COMPETENCY, Confederation of Indian Industry, Coimbatore, 19 – 20 DEC 2018.

RECENT TRENDS IN ARTIFICIAL INTELLIGENCE FOR BIG DATA, National Institute of Technology, Goa, 7-9 AUG 2015.

QUALITY LEADERSHIP FOR FUTURE CAMPUSES, Confederation of Indian Industry, Coimbatore, 29-30 JAN 2010.

#### **Participation in Faculty Development Programme**

QUALITY MEASURES IN HIGHER EDUCATION, Dr.N.G.P. Arts and Science College, Coimbatore, 3-9 DEC 2018.

INTRODUCTION TO R PROGRAMMING, ICT Academy of Tamil Nadu, Dr.N.G.P. Arts and Science College, Coimbatore, 30-31 AUG 2018.

PEOPLE EMPOWERING PEOPLE, ICT Academy of Tamil Nadu, CMS College of Engineering and Technology, Coimbatore, 20-24 JAN 2014.

#### **Conference / Seminar / Workshop Organized**

Committee Member, INTERNATIONAL CONFERENCE ON RESEARCH TRENDS IN COMPUTING TECHNOLOGIES, Dr.N.G.P. Arts and Science College, Coimbatore.9-10 AUG 2018.

Committee Member, WORKSHOP ON DATA MINING AND ITS APPLICATIONS USING RAPID MINER, Dr.N.G.P. Arts and Science College, Coimbatore, 28 DEC 2013.

Committee Member, SEMINAR ON CYBER SECURITY AWARENESS AND DEFENSE TECHNIQUES, Dr.N.G.P. Arts and Science College, Coimbatore, 25 AUG 2014.

Committee Member, INTERNATIONAL CONFERENCE ON RESEARCH TRENDS IN COMPUTING TECHNOLOGIES, Dr.N.G.P. Arts and Science College, Coimbatore.9-10 AUG 2018.

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

Invited Speaker, Guest Lecture of DHTML and CSS, Department of Management, RVS College of Arts and Science, 15 FEB 2011.

### **Member in BoS**

Computer Science Board, Dr.N.G.P. Arts and Science College, Coimbatore, Between 2015 – 2018.

### **Editorial / Review Board Member**

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### **Membership in Professional Bodies**

<b>Name of the Professional Body</b>	<b>Nature of membership</b>	<b>Duration</b>
International Association of Computer Science and Information Society	MEMBER	Life-time

### **Awards / Honors**

<b>Awards / Honors</b>	<b>Agency / Institute</b>	<b>Year of Award</b>
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### **Recognition National / International**

<b>Nature of Recognition</b>	<b>Organization / Institution</b>	<b>Year</b>
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