

Somaiya Vidyavihar University

Name: Jyothi M. Rao		E-mail: jyothirao@somaiya.edu	
Contact No: 02266449115			
Department/Section: Computer			
College: K J Somaiya College of Engineering			
DOJ Somaiya:27/1/2009	Career Experience: 23 Yrs	Industry Experience: ___ Yrs	Teaching Experience: 22Yrs
Present Academic Designation: Assistant Professor			

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Data Mining 2. Big Data Analytics <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. DATA MINING 2. DATA SCIENCE 3. DATA ANALYTICS 4. DATABASE SYSTEMS 5. APPLIED DATA SCIENCE 6. SYSTEM SOFTWARE 7. ANALYSIS OF ALGORITHMS 8. THEORY OF COMPUTATION 9. DATA MINING AND BUSINESS INTELLIGENCE 10. SYSTEM SOFTWARE AND COMPILER CONSTRUCTION 11. DATA STRUCTURES 12. ANALYSIS OF ALGORITHMS 13. SOFT COMPUTING 14. OPERATING SYSTEM 15. ADVANCED DATABASES 16. DATAWAREHOUSING AND MINING

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : No
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Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	Class
PG	M.Tech Computer Science and Engineering	National Institute of Karnataka, Surathkal Deemed university	National Institute of Technology Karnataka	2008	FIRST CLASS
UG	Computer Science and Engineering	Mangalore University	Manipal Institute of Technology, Karnataka	2001	FIRST CLASS WITH DISTIN CTION

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Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	K.J SOMAIYA COLLEGE OF ENGINEERING	ASSISTANT PROFESOR	27-01-2009		15
2.	CANARA ENGINEERING COLLEGE , KARNATAKA	Sr. Lecturer	5-8-2002`	20-01-2009	8

Research Accomplishments and Projects		
No of students pursuing Ph.D as on date:		No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date: 11		No of students / groups completed UG projects as on date: 30+
Publications Total:	Number of Peer review Journal papers:	Number of Conference papers:
<p>Details of Publications:</p> <p>International Journals</p> <ol style="list-style-type: none"> 1. Surya Swaminath, Jyothi Rao “Improving the success of Music in streaming platforms using Data Science” International Journal of Novel Research and Development, Volume 8, Issue No: 7 July 2023 2. Ishan Dusane, Jyothi Rao “Predictive Lead Scoring with Feature Selection” International Journal for Modern Trends in Science and Technology, Volume: 08, Issue No: 07, July 2022 3. Swapna Desale, Jyothi Rao “Personalized web search with custom privacy protection”, International Journal Of Engineering And Computer Science, 2016. 4. Joshi Kalyani, Bharathi H. N, Jyothi Rao “Stock prediction using news sentiment analysis”, arXiv preprint Cornel university Library, 2016. 5. Mansi Shah, Nandana Prabhu, Jyothi Rao, “Performance analysis of Neural Network Algorithms on Stock Market Forecasting”, International Journal Of Engineering And Computer Science, 2014 6. Manju Mony, Jyothi M Rao and Manish M Potey. An Overview of NLIDB Approaches and Implementation for Airline Reservation System. International Journal of Computer Applications 107(5):36-41, December 2014 <p>Conferences</p> <ol style="list-style-type: none"> 1. Vijaya Bharathi, Jyothi Rao, Amiya Kumar Tripathy, “Click stream Analysis in E-commerce websites a Frame work” ICCUBEA 2018 2. Snehal Khade and Jyothi Rao, Manish Potey , " DOM Tree based Approach for Extraction of Content from Web News Page" International Conference on Research and Development in Engineering Technology & Science 2013 Gujart 3. Jyothi Rao Shanti Thilagam, “Mining event based log for improving composite services,” web selected www/internet 2008 in International conference 2008 		

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FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Attended

1. Complete the NPTEL workshop on Road map: Empowering the pedagogical practices conducted by IIT Madras on 27th July 2024
2. Attended Online STTP on “Generative AI and Future of Work” held from 22nd July to 26th July 2024 conducted by School of Computer Science and Engineering, Reva University
3. Completed Stanford Online course on “Introduction to statistics” on July 4, 2023
4. Attended the expert lecture on “Adoption of Best Practices (Criterion 7 of NAAC)” organized by UGC Quality Mandate Paramarsh, SVU in association with IQAC SKSC & KJSCE, on 19th June 2024
5. Attended 2 day online FDP on Research writing and publication process on November 25 & 26 2023
6. Attended One week ISTE approved STTP on Big Data Analytics at Fr.Conceicao Rodrigues.College of Engineering Bandra from December 7 to 11th 2015
7. Attended Two Week ISTE STTP on Technical Communication Conducted by IIT Bombay from 8th October to 5th December 2015.
8. Attended one day Workshop on “Big Data and Hadoop” conducted by JP Morgan, Mumbai on Feb 13,2015
9. Attended “NBA’s Outcome Based Accreditation Workshop” at K. J. S.E phase I-June 7, 2014, Phase II-June 25-27,2014
10. Attended four day Orientation Programme on “Advance Optimization Techniques” on Feb 6-7, 2014 and Feb.13-14, 2014
11. Attended Workshop on “Rapid Application Development” conducted By IBM, Mumbai, Jan 18-21, 2010.
12. Attended Workshop on “Data warehouse and Mining”, organized by TCS , Mumbai, Nov. 26-27, 2009
13. Attended AICTE sponsored one week summer school on “Emerging Technologies in Data Mining and Wireless Sensor Networks” at NITK surathkal, Karnataka, july 21-25, 2008

Organized

1. Organized a session on “Bharatiya (Indian) Knowledge Systems (IKS) for Better A.I. & Research, Innovation, Entrepreneurship in Technical Education: NEP2020” on April 10th 2024 under UGC quality Mandate Mulya Pravah KJSCE in association with IQAC KJSCE
2. Organized a session on “Psychological implication of Social Media” on March 4th 2023 under UGC quality Mandate Mulya Pravah KJSCE in association with IQAC KJSCE
3. Organized a session on “Ethical Conduct and Skin care” on August 21st 2021 under UGC quality Mandate Mulya Pravah KJSCE in association with IQAC KJSCE
4. Conducted a one day session on May 28, 2024 at 21 day summer school in Geospatial Science and Technology (Level 1) Supported by the National Geospatial Program (NGP) under the Department of Science and Technology from May 27 to June 16, 2024
5. Conducted a session for Staff Development Program on “Enhancing Soft Skills in Python Programming” scheduled from 4th to 11th December 2024 organized by Somaiya Vidya Vihar University in collaboration with K J Somaiya College of Engineering
6. Coordinated 1 week ISTE approved STTP on “Social Mobile Analytics and Cloud”, Dec 5-9, 2016.
7. Coordinated Attended 2 week ISTE STTP on “Introduction to Design of Algorithms” Conducted by IIT Kharagpur from 27th April to 30th May 2015.
8. Coordinated two weeks Workshop for teachers on “Database Management Systems”, conducted by IIT Bombay May. 21-31, 2013.
9. Member of an Organizing committee for 1 Week ISTE approved STTP on “Tools and Techniques for Effective Technical Writing”, conducted by ISTE teachers chapter May13-17,2013

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10. Member of an organizing committee for 2 day Workshop for teachers on “Research Methods in Education Technology”, conducted by IIT Bombay Feb. 2 &9, 2013
11. Member of an organizing committee for two weeks ISTE Workshop for teachers on “Engineering Thermodynamics”, conducted by IIT Bombay Dec. 11-21, 2012
12. Member of an organizing committee for two weeks ISTE Workshop for teachers on “Introduction to Research Methodologies”, conducted by IIT Bombay Jun. 25- Jul 4,2012.
13. Member of an organizing committee for two weeks ISTE Workshop for teachers on “Computational Fluid Dynamics ”, conducted by IIT Bombay Jun. 12-22, 2012.
14. Member of an organizing committee for 2 day Workshop for teachers on “Writing Effective Conference papers”, conducted by IIT Bombay Feb. 18-19, 2012.
15. Member of an organizing committee for two weeks Workshop for teachers on “Database Management Systems”, conducted by IIT Bombay Dec. 13-23, 2010.
16. Member of an organizing committee for two weeks Workshop for teachers on “Effective Teaching/Learning of Computer Programming”, conducted by IIT Bombay Dec. 14-24, 2009.

Notable Key Scholastic Achievements

1.	Top 1% in NPTEL Big data computing course
2.	RAD websphere 7.0 Certified from IBM
3.	Complete Stanford Online course on Introduction to Statistics

Notable Positions and Responsibility

1.	Departmental member for Internal Quality Assurance Cell
2.	Institute coordinator for UGC quality mandate Mulya Pravah
3.	Department Member of Unfair Means Committee
4.	Worked as Head of Computer department in the academic year 2017-18

Date: 20 /10/ 2024

Signature of Faculty Member