



JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www. Jssateb.ac.in



FACULTY PROFILE

Department: Information Science & Engineering

1. Personal Details

NAME	Dr. Nethravathi B	
DEPARTMENT	Information Science & Engineering	
DESIGNATION	Associate Professor	
PHONE	+91 9448802849	
EMAIL ID	bnethravathi@jssateb.ac.in	
Date of Joining (JSSATEB)	10-10-2005	

2. Experience

Total Experience in Years	Teaching: 20 Years	Industry: Nil	Research: 11 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	2003	Sri Siddhartha Institute of Technology, Tumkur, Karnataka INDIA	Visvesvaraya Technological University, Belagavi Karnataka
M.Tech.	Computer Network Engineering	2010	BMS College of Engineering, Bengaluru, Karnataka INDIA	Visvesvaraya Technological University, Belagavi Karnataka
Ph.D.	Faculty of Computer & Information Science	2019	VTU- Research Resource Center, Belagavi, Karnataka, INDIA	Visvesvaraya Technological University, Belagavi Karnataka
Post Doc.				

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 4	National: -
Papers Published in SCOPUS indexed Journals	International: 10	National: -
Papers Published in other Journals	International: 22	National: -
Papers Presented in Conferences / Symposium	International: 9	National: 7
Books / Book chapters Published	Name of the book: IoT Technologies Application for Industry Publisher: Scientific International Publishing House	

	Year of Publication: 2023
	Name of the book:-- Publisher:-- Year of Publication:--

5. Research Guidance

PhD Guide? Give field & University	YES	University: Visvesvaraya Technological University, Belagavi
PhDs / Projects Guided	--	Projects at Master's Level: -- Projects at Bachelor's Level: 25

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Self-Assessment Of Acne Vulgaris In A Post Covid-19 World	4,000/-	18/04/2023	6 months	Karnataka State Council For Science And Technology Indian Institute of Science Campus, Bengaluru – 560 012

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
1	IMT segmentation of CCA through points of interest by decomposition techniques: An SVM regression based approach for validation, published on 16/09/2022	Published in The Patent Office Journal No. 37/2022 Dated 16/09/2022 Application No. 202241050687 Publication Date : 05/09/2022
2	A New Engineered Node Indexing System for the Design of a Logical Communication Network Structure Name of the inventors: Nethravathi B, Kamalesh V N	The Patent Office Journal No. 20/2019 Dated 17/05/2019 Application No.201941009363 A Publication Date : 17/05/2019

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
NIL				

7. Awards Received

Best Paper Award	Received Best Paper Award : Nethravathi. B, Kamalesh V N, "On The Node Indexing in The Topological Design of Computer Network Structures" in 2nd International Conference on Innovative Trends in Engineering, Applied Science and Management (ICITEASM-2018) at Osmania University, Hyderabad, Telangana, India on 20th May 2018., Conference Proceeding; ISBN: 978-93-87433-24-3, page no. 354-358.
Best Paper Award	Received Best Paper Award : " Study of Techniques used in Sentiment Analysis of Social Media Data" in 8 th National Conference on Recent Advances in Technology and Engineering (RATE-2019), TJIT, Bangalore, India on 27th April 2019.
Best Researcher	Received Prestigious IRDP Award 2018 – "Best Researcher"

8. Publications

i. International Journals

1. Nethravathi B, Srinivasa H P, , Hithesh Kumar P, , Amulya S, , Bhoomika S, , Banashree S Dalawai, , Chakshu Manjunath, “Visually Impaired Person Assistance Based on Tensor FlowLite Technology”, International Journal of Advanced Computer Science and Applications, Volume 13, Issue No. 11, NOV 2022, pp. 609-614. SJR 0.28 Q3 (scopus & WOS)
2. Anil. B.C., Dayananda P, Nethravathi B and Raisinghani, M.S(2021), Efficient Local Cloud-Based Solution for Liver Cancer Detection using Deep Learning, International Journal of Cloud Applications and Computing, IGI Global. Volume 12, Issue 1, article 9, page no.1-13 , Jan 2022 (IF: 0.43) (WoS and Scopus) Q2
3. Nethravathi. B, G. Amitha, Anusha Saruka, T. P. Bharath, Setu Suyagya, “Structuring Natural Language to Query Language: A Review”, Engineering, Technology & Applied Science Research, Volume 10, Issue No. 6, December 2020, 6521-6525. (WoS) Q2
4. Nethravathi. B, Kamalesh V N, “Computation of Maximal Connectivity for Fault Tolerance: Graph Theoretical Model and Algorithm”, International Journal of Grid and Distributed Computing, Volume No. 13, Issue No. 1, April 2020, 412-417. Q4
5. Nethravathi. B, Kamalesh V N, “Fault Isolation Technique for Decentralized Survivable Communication Network Systems via Regions and Paths”, Indonesian Journal of Electrical Engineering and Computer Science, Volume 17, Issue 1, Jan 2020, Page no: 534-542. SCOPUS Indexed Q3
6. Nethravathi. B, Sinchana S S, Anil B C, “Advanced Face Recognition Based Door Unlock System using Arduino”, International Journal of Recent Technology and Engineering, Volume 8, Issue 3, September 2019, Page no: 7844-7848. SCOPUS Indexed. Q4
7. Nethravathi. B, Kamalesh V N, “ Cycle Checking Algorithm for verifying the Connectivity of a Fault Tolerant Network Structure” at International Journal of Engineering & Technology (UAE), ISSN: 2227-524X, Volume 7, Issue 4, September 2018, Page no: 2729-2732. SCOPUS Indexed. Q4
8. Nethravathi. B, Kamalesh V N, “Topological Design of Computer Communication Network Structures: A Comprehensive Review” at Indian Journal of Science and Technology (IJST), ISSN (Print): 0974-6846, ISSN (Online): 0974-5645, Volume No. 9, Issue 7, February 2016. SCOPUS Indexed.
9. Nikhil S, abhilash karthik R, Nethravathi B, “ Unveiling the Synergy of Data Collection and Management in the Era of machine Learning” at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 5, Issue 7, July 2023 page no. 895-900.
10. Abhay U Hegde, Arun M Mirle, Ashish B R, Nethravathi B, “ Security Testing Modules and Applications”, at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 5, Issue 7, July 2023 page no. 1847-1852.
11. Jagadish P, Akash N, Bhuvan B, Nethravathi B, “ Study on Data Mining Algorithms used in the prediction of Heart Disease”, at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 5, Issue 7, July 2023 page no. 890-894.
12. Anushka Roy, G Sanjana reddy, Nethravathi B “Artificial Intelligence and its Applications in Games” at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 5, Issue 7, July 2023 page no. 1333-1339.
13. Aman K Kashyap, Sudarshan JS, Mohammed Tolha Baig, Nethravathi B, “ Data Mining Techniques used to Detect Malware: A Survey” at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 5, Issue 6, June 2023 page no. 974-978.
14. Abhishek, Mukul kumar, Nethravathi B “ Study on IoT Based Garbage Monitoring and Disposal Support System” at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 5, Issue 7, July 2023 page no. 884-889.
15. Nikhil Kumar, Akash D, Nethravathi B “ Study on Detection of Cyber Attack using Machine Learning” at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 5, Issue 7, July 2023 page no. 803-807.

16. Girish, Darga Asif Ali, Samarth, Srinidhi, Nethravathi B, “ Load Testing” at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 5, Issue 7, July 2023 page no. 506-514.
17. Ankitha H N, Anusha P, Anshuman Gupta, Anupam Singh, Nethravathi B, “ Health Monitoring System Using Smart Clothing” at Journal of Information Technology and Science, , e-ISSN: 2581-849X, Volume No. 8, Issue 3, October 2022 page no. 27-30.
18. Amulya S, Nethravathi B “Study On : An ISM-Band Automated Irrigation System For Agriculture”, at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 4, Issue 8, August 2022 page no. 682-688.
19. Divya SJ, Nethravathi B, “Analysis Of Deep Learning-Based Intrusion Detection System”, at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 4, Issue 8, August 2022 page no. 545-548.
20. Bhoomika S, Dr. Nethravathi B, “Implementing A Gaze Tracking Algorithm For Improving Advanced Driver Assistance Systems: A Review”, at International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume No. 4, Issue 7, July 2022 page no. 4492-4496.
21. Manish U, Karthik Iyer, Md Farhan khan, Nethravathi.B, Dayananda P, “Image Classification Based On Convolutional Neural Networks Using Tensorflow”, at International Journal of Advanced Research and Publications, ISSN: 2456-9992, Volume 5 Issue 3, March 2022, page no. 118-121.
22. Abhinay KU, Koushik Saravanan, M B Raghav, B. Nethravathi, Dayananda, “Usage Of Artificial Intelligence In Education”, International Research Journal of Modernization in Engineering Technology and Science, Volume:04, Issue:01, Jan-2022, Page no: 1747-1752.
23. Aditi Apoorva J R, Aishwarya S, Arjun A Sirole, Mayurvardhan V, B.Nethravathi, Dayananda.P, “Feature Of Artificial Intelligence And Machine Learning In Healthcare”, , International Research Journal of Modernization in Engineering Technology and Science, Volume:04, Issue:02, Feb-2022, Page no: 566-568.
24. M B Raghav, Akshay Maiya G, Aniruddha, Akshay R Hegde, B. Nethravathi, “BASIC REVIEW OF MOBILE CLOUD COMPUTING”, International Research Journal of Modernization in Engineering Technology and Science, Volume:03, Issue:07, July-2021, Page no: 1019-1023.
25. Varada S Naik, Poorvi Desai, Preksha J, Nethravathi B, “IaaS: The Future of It Infrastructure”, International Research Journal of Modernization in Engineering Technology and Science, Volume:03, Issue:07, July-2021, Page no: 2061-2068.
26. Shanthi, Sinchana, Soujanya G Pai, Nethravathi B, “Review on Green Cloud Computing”, International Research Journal of Modernization in Engineering Technology and Science, Volume:03, Issue:07, July-2021, Page no: 1180-1185.
27. Thanushree Gowda, Vanishree S, Varshitha M S, Yashaswini K, Nethravathi B, “Overview Of Virtualization In Cloud Computing”, International Research Journal of Modernization in Engineering Technology and Science, Volume:03, Issue:07, July-2021, Page no: 1841-1846.
28. Namratha Bhat, Nethravathi B, “Sentimental Analysis Using Convolutional Neural Network”, International Journal of Engineering Applied Sciences and Technology, Volume:5, Issue:03, June-2020, Page no: 422-426.
29. Nischitha S, Nethravathi B, “Fog -Based Smart Transportation safety in IoT”, International Journal of Engineering Applied Sciences and Technology, Volume:5, Issue:02, June-2020, Page no: 168-175.
30. Hemalatha K, Madhu manju, Navyashree N, Bhavana, Nethravathi B, “Smart Agriculture System – A Study”, International Journal of Engineering Applied Sciences and Technology, Volume:5, Issue:02, June-2020, Page no: 439-444.
31. S. Arpitha, A. Kavya, S. Keerthana, G. Likitha, S. Likitha, P. Maltesh, Nethravathi B , “Study on Implementation of Smart City Using IOT”, CiiT International Journal of Networking and Communication Engineering, Volume:12, Issue:02, March-2020, Page no: 24-29.
32. S. Likitha, Nethravathi B, “Comparative Study of Different Types of CAPTCHA”, CiiT International Journal of Networking and Communication Engineering, Volume:12, Issue:02, Feb-2020, Page no: 30-36.

Book Chapter

1. Nethravathi, B., Kamalesh, V.N., “Bisection Logic Based Symmetric Algorithm for the Design of Fault Tolerance Survivable Wireless Communication Networks”, Lecture Notes in Networks and Systems, 2018, 19, pp. 203–211

List of Conference Publications

1. Sneha T, Nethravathi B, Nagamani H Shahapure, Nagashree S, Sinchana S Shashidhara, "Future Agriculture Farm Management Using Augmented Reality: A Study," 2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP), Bengaluru, India, 2022, pp. 1-4, doi: 10.1109/CCIP57447.2022.10058665. (scopus) March 2023.
2. Abhilash Karri, Sharath S. Rao, D. V. Ashoka, Nethravathi B, Sahana V and Vishnu B. V, "Hardware Inventory Management System Using IoT," 2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP), Bengaluru, India, 2022, pp. 1-4, doi: 10.1109/CCIP57447.2022.10058647. (scopus) March 2023.
3. Nethravathi B, Harshitha SN, Divya S J, Bhavana R S, Sneha T, " Helmet and Mask Detection with Alerting System: A Review" 3rd International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA 2022) held on 6th & 7th May 2022 At M S Ramaiah Institute of Technology, Bangalore and it will be published in AIP Conference proceedings. (Scopus)
4. Nethravathi. B, Kamalesh V N, "Analysis of Techniques for Isolation of Faults in Survivable Computer Networks" in International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICECCOT-2016) in association with IEEE Bangalore Section organized by GSSS Institute of Engineering & Technology for Women, Mysore on 9th and 10th December. DOI: [10.1109/ICECCOT.2016.7955235](https://doi.org/10.1109/ICECCOT.2016.7955235) (SCOPUS & WOS).
5. Nethravathi. B, Kamalesh V N, "Bisection Logic based Symmetric Algorithm for the Design of Fault Tolerance Survivable Wireless Communication Networks" in Intelligent Communication and Computational Technologies. Lecture Notes in Networks and Systems, vol 19. Springer, Singapore 2018, PP 203-211. https://doi.org/10.1007/978-981-10-5523-2_19, SCOPUS Indexed
6. Nethravathi. B, Kamalesh V N, "On The Node Indexing in The Topological Design of Computer Network Structures" in 2nd International Conference on Innovative Trends in Engineering, Applied Science and Management (ICITEASM-2018) at Osmania University, Hyderabad, Telangana, India on 20th May 2018. Received Best Paper Award, Conference Proceeding; ISBN: 978-93-87433-24-3, page no. 354-358. UGC Approved.
7. Nethravathi. B, Kamalesh V N, "On Survivability Testing and Computing the Node Connectivity of a Topological Structure of a Interconnection Network Graph" in 1st International Conference on Innovations in Computing & Networking (ICIN16). RRCE, Bangalore, India on 12th & 13th May 2016. International Journal of Advanced Networking and Applications.
8. Kamalesh V N, Srinivas H P, Nethravathi B, "Cooperative Communication Protocols in WLAN – A Comprehensive Review" International Journal of Engineering Technology Science and Research, ISSN 2394 – 3386, Volume 4, Issue 10, October 2017. UGC Approved.
9. Nethravathi B, Apsara M B, Amitha G, Bhuvana P, Akshatha M P, " Study of Techniques used in Sentiment Analysis of Social Media Data" in 8th National Conference on Recent Advances in Technology and Engineering (RATE-2019), TJIT, Bangalore, India on 27th April 2019. Received Best Paper Award.
10. Ankit Ojha, Ayush Pandey, Anisoor Rahman, , Bhavika Sharma, Nethravathi B, Dayananda P, "Anti-Collision for Mobile RFID - A review", 6th National Conference on Advancements In Information Technology, NCAIT, 2020. International Journal of Engineering Research & Technology (IJERT), Volume 18, Issue 15, October 2020, Page No. 186-190
11. Aditya Patil, Darshan B.G., Dr. D.V. Ashoka, Nethravathi B, "IoT Based Medicine Dispenser" 6th National Conference on Advancements In Information Technology, NCAIT, 2020. International Journal of Engineering Research & Technology (IJERT), Volume 18, Issue 15, October 2020, Page No. 152-155.
12. BN. Anusha, M. Thanvitha Reddy, CR. Naga Amrutha and B. Nethravathi, "A Review on Hybrid Cloud Computing", National Conference on Advancements In Information Technology, NCAIT, 2021. CiiT International Journal of Programmable Device Circuits and Systems, Volume 13, Issue 3, March 2021, Page No. 40-44.
13. Khadija Fatima, M. R. Rajath, P. M. Suhasi, B. Nethravathi and P. Dayananda, "Cloud Computing Services: A Review", National Conference on Advancements In Information Technology, NCAIT, 2021. CiiT International Journal of Programmable Device Circuits and Systems, Volume 13, Issue 3, March 2021, Page No. 47-52.
14. Chakshu Manjunath, Nethravathi B, Nagamani NP, MB Raghav, Arjun A Sirole "IoT Based Smart Shopping Cart Using RFID", 8th National Conference on Advancements in Information Technology, NCAIT-2022, International Journal of Engineering and Science Invention, Special Issue, Page No. 52-56.
15. Banashree S Dalawai, Nethravathi B, Nagamani NP, Aniruddha MR, Akshay Maiya G "Physical Layer Security for Wireless Body Area Network", 8th National Conference on Advancements in Information Technology, NCAIT-2022, International Journal of Engineering and Science Invention, Special Issue, Page No. 57-62.
16. Rohini N, Nagashree S, Nethravathi B "Music Recommendation Based On Face Emotion Recognition", 8th National Conference on Advancements in Information Technology, NCAIT-2022, International Journal of Engineering and Science Invention, Special Issue, Page No. 104-107.

ii. Workshops /Conferences Attended

Sl.No	Date (from-To)	No. of Days	Topic	Organized by	Venue
1.	11/09/23 To 15/09/23	5 days	Research Applications in Artificial Intelligence and Machine Learning	Department of Electronics and communication, JSSATEB. Sponsored by KSTePS, VGST GoK	JSSATEB
2.	3/7/2023 To 31/07/2023	22 days	YUKTI INNOVATION TRAINING 2023	MoE's Innovation Cell (GoI), Institution's Innovation Council, AICTE	Online
3.	9/05/2023	1 day	webinar on 5G IoT Network by Surya Patar Munda	Cientra Tech solutions, Bengaluru	Online
4.	24/04/2023 To 28/04/2023	1 Week	AICTE Recognized Faculty Development Programme on "IOT Basics"	National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh, Ministry of Education, GOI	JSSATE, Bangalore as a Remote Center.
5.	12/04/2023	1 day	QuanTalk : by Prof. Pollanen Johannes Associate Director, MSU Center for quantum Computing science and Engineering, Michgan, US	IISc Quantum Technology Initiative (IQTI) Seminar Series	Online
6.	16/03/2023	1 day	One day workshop on "Capacity Building in R&D"	JSSATE, Bengaluru	JSSATE, Bengaluru
7.	21/02/2023 To 22/02/2023	2 day	Indian Science Technology and Engineering facilities Map (I-STEM) Tech Management Conclave for Women (ITMC-W)-2023	I-STEM, Indian Institute of Science, Bengaluru	Indian Institute of Science, Bengaluru
8.	16/01/23 to 20/01/23	1 Week	Faculty Development Program on "Artificial Intelligence"	Microsoft, SAP & AICTE ATAL under TechSaksham Program	Online
9.	11/01/2023	1 day	Orientation session on IIC5.0	MoE's Innovation Cell, Institution's Innovation Council	Online
10.	12/09/2022 to 16/09/2022	1 week	FDP on Intellectual Property Rights	Dept ISE, JSSATEB in collaboration with Cell for IPR Promotion and Management (CIPAM), DPIIT, Ministry of Commerce and Industries, GoI	JSSATEB(offline)
11.	09/09/2022	1 day	FDP on "NEP-2020-Touching the Iceberg"	Dept of management studies, JSSATEB(offline)	JSSATEB(offline)
12.	2/09/2022	1 day	One day seminar on "New National Education Policy-2022: Impact on Future Indian	Dept of ECE & CSE sponsored by Karnataka state Higher Education Council	JSSATEB(offline)

			Education System”		
13.	16/08/2022 To 25/08/2022	2 week 40-hours	Embedded systems	E&ICT Academy, National Institute of Technology, Warangal And Information Technology Design and Manufacturing, Kurnool	Online
14.	18/07/2022 to 31/07/2022	Two-week	Faculty Development Programme on Opportunities and challenges in entrepreneurship”	STEP, JSSATEB in association with CIR	JSSATEB(Online)
15.	23/05/2022 to 27/05/2022	One Week	STC on CYBER CRIME & FORENSIC TOOLS	NITTTR Chandigarh, MHRD, GOI	JSSATEB
16.	9/05/2022 to 13/05/2022	One Week	AICTE Recognized Faculty Development Programme on “Cryptography for Information Security”	NITTTR Chandigarh, MHRD, GOI	JSSATEB
17.	25/04/2022 to 29/04/2022	One Week	National Online Short Term Course on “Current Advancements of Machine Learning in terms of AI & IoT(AIOT)”	CCE, NIT Warangal	JSSATEB(Online)
18.	11/10/2021 to 16/10/2021	6 days	Online FDP on Advanced Artificial Intelligence & Machine Learning Applications	Center for continuing education & Department of Computer Science & Engg.	National Institute of Technology, Warangal.
19.	29/09/2021 to 1/10/2021	3 days	Online FDP on Artificial Intelligence & Machine Learning	CSE, ISE, AIML, MCA	RNS Institute of Technology, Bengaluru.
20.	BXSPA for the year 2020	3 months	BITES-Xcelerator Students Project Awards (BXSPA)	BITES-Xcelerator	Jury member
21.	13/07/2020 to 17/07/2020	5 days	5 Day Online FDP on “Trends in Data Science”	jointly organized by Dept of MCA, CSE, ISE	Ramaiah Institute of Technology.
22.	20/07/2020 to 24/07/2020	5 days	Five Days Virtual Faculty Development Program on “Challenges And Opportunities In AI And ML” at BKIT, Bhalki.	Department of Computer Science and Engineering and Master of Computer Applications (MCA)	Bheemanna Khandre Institute of Technology, Bhalki
23.	29/05/2019 to 3/06/2019	6 days	FDP on 5G Wireless Communications	E&ICT Academy, National Institute of Technology, Warangal.	National Institute of Technology, Warangal.
24.	5/01/2018 to 10/01/2018	6 days	FDP on 5G Wireless Communications	E&ICT Academy, National Institute of Technology, Warangal.	Anil Neerukonda Institute of Technology & Science, Visakhapatnam.
25.	16/01/2017 to 21/01/2017	6 days	Faculty Development Programme on “Computational Data	Department of ISE	JSS Academy of Technical Education,

			Science”		Bangalore
26.	26/08/2016 to 27/08/2016	2 days	National workshop on “ Accreditation Process for Technical Institutions”	In association with VTU Belagavi, ISTE & QCFI.	JSS Academy of Technical Education, Bangalore
27.	13/07/2016 to 16/08/2016	4 days	Symposium on “ Linear Algebra and its Applications in Computer Vision”	Department of CSE	JSS Academy of Technical Education, Bangalore
28.	25/01/2016 to 29/01/2016	5 days (FDP)	Information Security & Research Challenges	National Institute of Technology Karnataka, Surathkal	NITK, Surathkal
29.	22/12/2015	1 hour (Webinar)	A Threat Landscape: The role of software engineering on software’s trajectory in the 21 st century, by Roger S. Pressman	McGraw Hill Education	Online at JSSATE, Bangalore.
30.	11/12/2015	1 day	FDP on “Cloud Services & IOT”	Cognizant Technologies	CTS, Manyatha Tech Park , Bangalore
31.	9/10/15	1 day	Linux Virtualization	Livewire, Bangalore	JSSATE, Bangalore
32.	25/7/15	1 day	Plagiarism awareness for PhD thesis writing	VTU, Belgaum	SJBIT, Bangalore
33.	21/09/2014 to 23/09/2014	3 days	Robotics and Programmable logic	VTU-Bosch Rexroth Centre of Competence in Automation Technology	VTU Regional office Mysore
34.	27/7/2013 to 29/7/2013	3 days	Research Methodologies & Latex	VTU e-Learning Centre, Mysore	Ghousia college of Engineering, Ramanagara
35.	7/08/2013	1 day	Workshop on “ Quality Enhancement of Engineering Education through NPTEL”	National Programme on Technology Enhanced Learning (A Joint initiative of IITs and IISc)	JSS Academy of Technical Education, Bangalore
36.	22/02/2013	1 day	National Seminar on “ Resent Trends in Supply Chain Management”	I E M Department	JSS Academy of Technical Education, Bangalore
37.	25/08/2011 to 27/08/2011	3 days	FDP on “ Cyber Forensics”	JSS-IGNOU Advanced Education & Research Center of Excellence	JSS Academy of Technical Education, Bangalore
38.	5/08/2011 to 6/08/2011	2 days	Workshop on “ Computer Network Simulator NS2.34”	Department of MCA	Cambridge Institute of Technology, Bangalore
39.	19/03/2011 to 20/03/2011	2 days	Li2- Android Workshop (Building Apps. For Android phones)	In association with Li2- Innovations Pvt. Ltd.	JSS Academy of Technical Education, Bangalore
40.	18/12/2009	1 day	Invited talk on “ Research Methodologies, Cloud and Grid Computing”	Department of CSE & ISE	RNS Institute of Technology
41.	2/03/2009 to 4/03/2009	3 days	Workshop on “ Application and Tools in Networking”	Department of CSE	Nitte Meenakshi Institute of Technology

iii. Workshops / Conference (Orgained)

1. Organized one Week FDP/STC on “IoT basics” for in house faculty members/ staff /Students in association with NITTTR Chandigarh from 24/04/2023 to 28/04/2023 at JSSATE, Bengaluru as Remote Center.
2. Organized One day workshop on “Capacity building in R&D” by Dr. C. V. Yelamaggad, Scientist, (CeNS), Bengaluru, Dr. Rama K, IBHA, IP Solutions, Bengaluru, Dr. Arun Y Patil KLE Technological University, Hubballi and Dr. Mahaesh B, Dean Research, JSSATEB on 16/03/2023 at JSSATE, Bengaluru.
3. Organized Technical Talk on “Supply Chain Analytics” by Mrs. Meenakshi Arun Subramaniam, Director of Strategic Transform, Azure Cloud Supply Chain India on 15/04/2023 JSSATE, Bengaluru.
4. Organized online Hands on Workshop on “Building Basic Bots” by Mr. Ravi Teja, RPA Solution Architect on 06/01/2023 at JSSATEB.
5. **Organizing chair for Fourth IEEE International Conference On Cognitive Computing And Information Processing-CCIP2022 held on 23rd and 24th Dec 2022**
6. Resource person and organizer for Student development program on “ Fun with C” held on 17/10/2022 to 21/10/2022 at JSSATEB
7. Organized Technical Talk on “Fundamentals of Data Engineering on AWS” by Mr. Suman Debnath, Principal Developer Advocate (Data Engineering), Amazon web services on 3/10/2022, JSSATE, Bengaluru.
8. Organized One-week FDP on “Intellectual Property Rights” in collaboration with Cell for IPR Promotion and Management (CIPAM) from 12/09/2022 to 16/09/2022.
9. Organized one day seminar on “Bridging the gap in Industry from start ups” by Atreyi Bose, WiBD on 10/09/2022.
10. Organized Technical Talk on “Big Data Analytics Application” by Miss. Sowmya Moni, Co-Director WiBD, India Foundation on 23/08/2022 JSSATE, Bengaluru.
11. Organized One-week Online Practical Hands-on ICT based STC on CYBER CRIME & FORENSIC TOOLS” for in house faculty members/staff/Students in association with NITTTR Chandigarh from 23th May 2022 to 27th May 2022.
12. Organized Expert talk on “Cloud is enabling enterprises in sustainability Journey” by Sudip Dutta, Lead architect of IBM Consulting, India. And Charbak Roy, IBM Consulting, India, on 21st Feb 2022, JSSATE, Bengaluru.
13. Organized Student Development Program on "Software Testing with Career Guidance and Hands - On" by Mr. Girish Shivanna, CEO & Founder of Qspiders/Jspiders/Pyspiders and Test Yantra Software Solutions Pvt Ltd and Mr. Vijay Bhaskar, Senior Industrialist, Test Yantra Software Solutions India Pvt Ltd., on 15th Feb 2022, JSSATE, Bengaluru.
14. Organized Technical talk on “Cloud and its Applications in IT: An Overview” by Mr. Sachin Biradar, Google Cloud Data Engineer, M/S Fossil Group, Bangalore on 29th May 2021, JSSATE , Bengaluru.
15. Organized Expert talk on “Cloud Computing Through VM Sphere”, by Mr. Vikas B, Team Lead Techno serve, INDIA on 22nd May 2021, JSSATE , Bengaluru.
16. Organized Webinar on “Introduction to Design Patterns” by Mr. Satish Honnavalli, Managing Consultant IBM, Bengaluru on 27/11/2020.

17. Organizing Committee member for FDP on Micro Controller and Embedded Systems from 27th to 29th January 2020 in JSSATEB.
18. Organized technical talk on” Entrepreneurship Eco system in Education Sector” at JSSATEB on 15/03/19 by Dr. Lingaraju G M , Prof , ISE Dept MSRIT ,Bangalore.
19. Organized technical talk on” Mobile Communication and 5G” at JSSATEB on 8/03/19 by Mr. Sridhar T R, Consultant product Manager VMWARE ,Bangalore
20. Organized technical talk on” Agile, Design Thinking and Testing Practices” at JSSATEB on 27/02/19 by Mr. Nagendra, Co Founder and Principal Advisory Skill velocity ,Bangalore at JSSATE , Bengaluru.
21. Organized technical talk on” JS and Hybrid Framework” at JSSATEB on 23/02/19 by Mr. Nikhil K J, Front End developer Webtrion Technologies Pvt Ltd at JSSATE , Bengaluru.
22. Coordinator for three Day Bootcamp at JSSATEB on “Juniper Networks certification course-IJOS” on 17th, 18th and 19th Jan 2019 organized by M/s Juniper Networks.
23. Organizing Committee member for Two Day FDP at JSSATEB on “Microsoft Azure and Cognitive services” on 28th and 29th September 2018 organized by Microsoft.
24. Organizing Committee member for Two Day National symposium at JSSATEB on Data Science – Trends & opportunity on 4 & 5 July 2018, JSSATE , Bengaluru.
25. Organized Technical Talk: “Information & Network Security, Modeling & Supply chain Mgmt” by Dileep Kumar, Mukesh Kumar, M/s Fire Eye, Bangalore on 3rd May 2018, JSSATE , Bengaluru.
26. Organizing committee member for “3rd National conference on Advancements in Information Technology NCAIT-2017”. JSSATE , Bengaluru.
27. Organizing Committee member for Six days on “Computational Data Science-I” at JSSATEB, from 16th to 21st Jan 2017.
28. As Programme Coordinator Successfully conducted “2nd National conference on Advancements in Information Technology NCAIT-2016” held on 2nd and 3rd May 2016 at JSSATE , Bengaluru.
29. Organized Technical Talk on “Project management and Agile methodology” on 5th November, 2016, at JSSATE , Bengaluru.
30. Organized Webinar on “A Threat Landscape: The role of software engineering on software’s trajectory in the 21st century”, by Roger S. Pressman, McGraw Hill Education, on 22nd Dec 2015, JSSATE , Bengaluru.

Speaker/ Session Chair/ Reviewer

1. Reviewer for IEEE International Conference on advances in Electronics, Communication, Computing and Intelligent Information System (ICAECIS-23) organized by Bangalore Institute of Technology, held from 19th -21st April 2023.
2. Resource person for Knowledge Transfer session on I-STEM Tech Management Conclave for Women (ITMC-W), held on 24/03/2023.
3. Resource person for Webinar on “ Entrepreneurship Awareness on AI and IoT” conducted by Department of Mechatronics Engineering in association with IIC, at The Oxford College of Engineering on 19th July 2022.
4. Speaker for Student Development Program on “Emerging Exponential Technologies” Conducted by Department of MBA and Research Centre, JSSATE, Bengaluru on 15th & 16th Feb 2022.

5. Session chair for National Conference on Advancement in Information Technology conducted on 8th June 2021.

Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organiser	Date
NIL			

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Introduction to IoT and Embedded Systems	CourseEra	4/6/2020	99%
2	COVID 19 What you Need to know	CourseEra	4/6/2020	100%
3	Introduction to internet of things	NPTEL	20/04/2020	57%

10. Membership of Professional Bodies:

1.	Life Membership in Indian Society for Technical Education (MISTE)
2.	International Association of Engineers (IAENG)

11. Any other information you will like to share about your professional experience

- **GATE 2006** :1725 All India Rank

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