FACULTY PROFILE

1. Personal Details

NAME	Dr. Nagamani N Purohit
DEPARTMENT	Information Science and Engineering
DESIGNATION	Associatet Professor
PHONE	9980202664
EMAIL ID	nagamaninpurohit@jssateb.ac.in
TEACHING EXPERIENCE	22 years
INDUSTRY EXPERIENCE	3 years
RESEARCH EXPERIENCE	14 years

2. Qualification

COURSES	SPECIALIZATION	INSTITUTION	UNIVERSITY
PhD	Cloud Computing	BMS College of Engineering	VTU
MTech	CNE	BMS College of Engineering	VTU
BE	CSE	PDA College of Engineering	Gulbarga University
PUC	PCMB	KCD	PU Boards
SSLC	State Board	Mount Carmel Convent School	State Boards

3. Membership of Professional Bodies:

1. **Life Membership in Indian Society for Technical Education (MISTE)**

4. Awards

Award Title	Date of receiving the award	Award issuing authority/ Body / Organization
NIL		

4. Publications (Journals Conferences)
Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No.	WOS / Scopus /	Impact Factor	Publisher

Sl. No.	Title of the Paper	Name of Authors	Name of the Journal	Vol No, Issue No, Year	WOS/Scopus/Both	Impact Factor	Publisher
1.	The DistilBERT Model: A Promising Approach to Improve Machine Reading Comprehension Models	Sahana V, Nagamani H Shahapure, Rekha P M, Nethravathi B, Pratiksha K	International Journal on Recent and Innovation Trends in Computing and Communication	Vol:11, Issue 8,20/9/2023	Scopus	1.376	Auricle Global Society of Education and Research
2.	Water Moth Search Algorithm-based Deep Training for Intrusion Detection in IoT	Rekha P. M., Nagamani H. Shahapure, Punitha M. Sudha P. R.	Journal of web Engineering	Vol. No.20 Issue No.6 pp: 1781–1812 Year: 2022	Scopus	0.74	River Publishers
3.	Threshold Compare and Load Balancing Algorithm to for Resource Optimization in a Green Cloud	Shahapure, N. H., Rekha, P. M., & Poornima, N.	REVISTA GEINTEC-GESTAO INOVACAO E TECNOLOGIAS	Vol. No.11 Issue No.4 pp: 4465-4481 Year: 2022			
4.	Virtual machine migration based load balancing for resource management and scalability in cloud environment	Nagamani H Shahapure and P Jayarekha	International Journal of Information Technology,	Vol 12, Issue 4, 2018	Scopus		Springer, Singapore
5.	A Scalable Network Architecture using Replication in Virtual Environment	Nagamani H Shahapure and P Jayarekha	International Journal of Control Theory and Applications,	Vol 9, Issue 21, 2016	Scopus	1.57	Serials Publications
6.	Replication: A Technique for Scalability in Cloud Computing	Nagamani H Shahapure and P Jayarekha	International Journal of Computer Applications	Vol 122, Issue 5, 2015		0,835	Foundation of Computer Science
7.	Load Balancing in Cloud Computing: A Survey	Nagamani H Shahapure and P Jayarekha	International Journal of Advances in Engineering & Technology	Vol 6, Issue 6, 2014		2.5	IAET Publishing House

Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1.	NLP Based Word Predictor for Dementia Patients: A Systematic Review	Nagamani H Shahapure, N Poornima, Spoorthi Kulkarni, V Shilpa, Rajiv	2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS)	1538-1543, 25/5/2022	Scopus		IEEE

		Ranjan Singh, Patel Kavan					
2.	Future Agriculture Farm Management Using Augmented Reality: A Study	Sneha, T., Nethravathi, B., Shahapure, N.H., Nagashree, S., Shashidhara, S.S.	*2022 4th International Conference on Cognitive Computing and Information Processing, CCIP 2022*, 2022	1-4 Dec 2022	Scopus		IEEE
3.	Distance and Traffic Based Virtual Machine Migration for Scalability in Cloud Computing	Nagamani H Shahapure and P Jayarekha	International Conference on Computational Intelligence and Data Science	Volume 132, Pages 728-737 (2018)	WOS		Elsevier
4.	Load Balancing with Optimal Scheduling Algorithm	Nagamani H Shahapure and P Jayarekha	International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC)	Page(s):24-31, Month & Year :16-17 April 2	Scopus		IEEE
5.	Time sliced and priority based load balancer	Nagamani H Shahapure and P Jayarekha	Proceedings of International conference on advance computing and communication(IACC 2015) at BMSCE, Bangalore,	Page(s):154-159 Month & Year :12-13 June 2015	Scopus		IEEE
6.	Smart Advertising Platform using Rasberry Pi and Push Notification	Nagamani N P, Pavan V Akash G Punith B M	International Journal of Engineering Research & Technology	Volume No. : 4 Issue : 22 Month & Year : 11th, 2th			International Research Publication House
7.	Load Balancing in Cloud Computing using RoundRobin Algorithm	Nagamani N P, Anusha S K Bindu Madhuri	International Journal of Engineering Research & Technology	Vol:2, Issue 13 ISSN:2278-0181, ISO: 3297:2007, Impact Factor:1.76 Pp:124-127			ERSA
8.	Resource Management: Cost Optimal Scheduling with Resource replication in	Nagamani N P, Trilok Sinha Rohit PatidarTinku Kumar	International Journal of Engineering Research & Technology	Vol:2, Issue 13 ISSN:2278-0181, ISO: 3297:2007, Impact			ERSA

				Factor:1.76 Pp:128-132			
	Cloud Environment						
9.	Fine-Grained Text to Image Generation with Stacked Generative Adversarial Networks	Nagamani N P, Shubhanki, Shubhashree,Praharsh, Aakash	International Journal of Engineering Research and Technology (IJERT)	Vol:8, Issue:15			NCAIT Proceedings
10.	Driver Drowsiness Detection	Nagamani N P, Navya Kiran, Anissor, Raksha, Varsha	International Journal of Engineering Research and Technology (IJERT)	Vol:8, Issue: 15, PP: 33-35	8884497123		NCAIT Proceedings
11.	Perception Assessment of Indian Colleges Through Twitter Data	Nagamani N P, Vibhooti,	Journal of Computer Based Parallel Programming	Volume No. 5 Issue No.1 Year 2020 Page No. 19-23			MAT Journals
12.	Recruitment Assisting Platform	Nagamani H Shahapure, Amrutha, Riyaz, Shubham Kumar, Spoorthi	CiiT International Journal of Software Engineering and Technology	Vol 13, No 2,February 2021			CiiT Publications
13.	Safe Social Distance Monitoring and Face Mask Detection in Public Areas	Nagamani H Shahapure, N. R. Sanjana, S. Keerthana, C. Shreyash, D. Varshini Maganur	CiiT International Journal of Digital Signal Processing	Vol 13, No 3, March 2021			CiiT Publications

6. Grants/Funding Received

Grant Amount	Project Name	Date of receiving the Grant	Grant issuing authority/ Body / Organization
NIL			

6. Others :Workshops / Conference (Orgainsed/Attended)

Workshops / Conference organized

Sl. No.	Name of the workshop / Conference	Speaker	Date	Role
1.	Importance of Programming	Mr. Rajiv Singh, SDE 1 at Lummo.	16-02-2023	Coordinator
2.	Security in File Structures	Ms. Spoorthi Kulkarni, Intern at Ernst & Young	15-06-2023	Coordinator
3.	Linux and its Applications (Workshop)	Varsha S, Software Engineer, M/S Robert Bosch Engineering and Business Solutions Private Limited, Bangalore.	11/12/21	Coordinator
4.	Life Beyond Engineering	Mr. Vyshak Bhargava, WMS Consultant in M/S Google, Bangalore	27/11/21	Coordinator
5.	Cloud Platforms	Sachin Biradar Google Cloud Data Engineer Fossil Group	29/5/21	Coordinator
6.	Future Lies In your Hands	Mr. Govind S, Full stack Developer, M/s People InTouch, Netherlands	15/5/21	Coordinator
7.	Cloud Computing for Real Time Applications	Suhas Nayak	26/2/2021	Coordinator
8.	Element Management System	Sandesh Komarla (alumni)	19/10/2019	Coordinator
9.	"Pursuing Passion", Preparation for IAS.	Manjunath R, IAS (alumni)	1/8/2019	Coordinator
10.	"New Technologies ", guidance for higher studies	Nikhil G Rao (alumni)	1/8/2019	Coordinator
11.	Technical talk JAVA	Mr.Syed, M/s Zysk technologies, Bangalore	25/9/2018	Coordinator
12.	Technical talk on "Importance of Data structures and its Applications "	Ms.Maithri, Associate Developer, Cognizant Technology, Bangalore (alumni)	6/10/2018	Coordinator
13.	Technical Talk on File Structures	Ms. Anusha S K (alumni)	18/3/2017	Coordinator
14.	Cup-O-Code Technical Talk on Importance of Coding	Mr. Krishanu Dey Mr. Pavan V (alumni)	18/3/2017	Coordinator
15.	Two days' workshop on Internet of Things	IIT Mumbai and I3Indya	26/9/2016 and 27/9/2016	Coordinator
16.	Technical Talk on Smart City and Electric Vehicle	Mr. Prashant Kulkarni	8/8/2016	Coordinator
17.	Two Day SDP on WebApp Development using Node.js	Mr. Pawan S and Mr. Pavan Kumar (alumni)	19/2/2016 and 20/2/2016	Coordinator
18.	Two Day SDP on WebApp Development using Node.js	Mr. Pawan S and Mr. Pavan Kumar (alumni)	19/2/2016 and 20/2/2016	Coordinator
19.	Technical Talk on Tera Data and Hadoop	Mr. Sridhar Raju (alumni)	27/2/2016	Coordinator
20.	One day workshop on Android App Development	Mr. Pavan V (alumni)	3/9/2015	Coordinator
21.	State Level Symposium for 2 days	Dept. of ISE under Samyog	10/5/2013 and 11/5/2013	Coordinator

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

Sl. No.	Name of the workshop / Conference	Organiser
1.	Online FDP on Emerging Trends and Applications of Artificial Intelligence	Dr. AIT in association with ISTE, 10th August to 14th August 2020
2.	Webinar Series on Satellite and Automation	GSSSIT in association with IEEE Bangalore Section, 11th May to 13th May 2020
3.	Workshop on Cloud computing & virtualization	Organized by RIT ,Dept. of computer science & Engg at sakharale,Maharashtra (TEQIP) , 20th June to 24th June 2014

workshop/ Seminar /Conference Attended (those NOT sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No	Workshop/FDP	Place
1.	The need to move towards Inter and Trans-Disciplinary Research for Impactful Innovations	JSSATEB
2.	One week FDP on IoT Basics	NIITR Chandigarh
3.	ISEA Virtual Presentation Conclave IVPC 2022	IIT Guwahati (online)
4.	One week FDP on Cryptography for Information Security	NIITR Chandigarh
5.	One week FDP on Research Proposal Writing and Opportunities in the field of Science, Engineering and Management	BIT, 6th July to 11th July 2020
6.	Webinar Series on DevOps Tool	Reva University, 19th June to 22nd June 2020
7.	Webinar on Art of Writing Scientific Reports	Velammal Engg College, 14th May to 15th
8.	One week FDP on Artificial Intelligence	Alvas Institute of Engg and Technology, 22nd to 26th May 2020
9.	Three Days Workshop on "Data Science and Statistics	Organized by SJBIT, 24th , 25th and 26th 2019
10.	Two days National Symposium on "Data Science & Statistics-Trends and Challenges	Organized by JSSATE, , 4th & 5th July 2018 at JSSATE, Bengaluru
11.	5 days FDP on data science &communication network	Organized by BMSCE, Bangalore, from 2nd – 6th Jan 2018
12.	one week FDP on Computational Data SCience	Organized by JSSATE ,Bengaluru from 16th- 21st Jan 2017
13.	IBM Bluemix	Organized by VTU with IBM academic initiative on 6-12-2015 at VTU regional Office, Bangalore
14.	Workshop on Android application development	Organized by JSSATE, Department of ISE, on 3-11-2015 at Bangalore

15.	Plagiarism awareness for PhD thesis writing	Organized by VTU at SJBIT, Bangalore on 25th July2015
16.	National seminar & tutorial on Software defined networking	Organized by CDAC on Jan 10 th,11th 2015 at Trivandrum
17.	Workshop on Quality enhancement of engineeringeducation through NPTEL	Organized by JSSATE ,Dept. of computer science &Information Science engineering on 7 th August 2013
18.	Advances in cloud computing -FDP	Organized by East Point College of Engineering byDept. of ISE, Bangalore, 15 July-19 July 2013
19.	FDP on cloud computing	Conducted by TCS,on 7th March 2013 at BMSCE,Bangalore
20.	Cyber Forensics -FDP	JSSATEB, Bangalore, 25th ,26th ,27th AUG 2011

PROJECT / Innovations/Patents

NIL

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

Alumni Coordinator: Have successfully conducted 3 alumni meets since 2016.

Invited Talk at: BMS College of Engineering. Conducted a workshop on Cloud and the simulators for PG students.
Online Invited Talk at: RYM Engineering College. Conducted a Technical Talk on Chatbots on 24th June 2020

Additional Course

Sl. No.	Cognitive Classes	Name of the subject	Programme No of Hours	Qualified or not
1	IBM	Hadoop 101	1 week	Qualified
2	IBM	BlockChain Essentials	1 week	Qualified

Dr. Nagamani N Purohit
Assistant Professor
Department of ISE
JSS Academy of Technical Education
 Bangalore 560060