Profile of Varsha V

Name   : Varsha V

Date of Birth   : 13 March 1991

Designation   : Assistant Professor

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                      Assistant Professor
                      Department of Computer Science & Engineering
                      Sri Jayachamarajendra College of Engineering, /JSSS TU
                      Mysuru-570006

Tel.no   : 9739227108 (Mob)

Teaching Experience : 5 years

4. Degrees obtained, with field, institutions and dates

Period	Qualification	University/Institute	Subject/field	Remarks
2009-2013	B.E	Visvesvaraya Technological University	Computer Science and Engg.	First Class
2013-2015	M.Tech	Visvesvaraya Technological University	Software Engineering	First Class with Distinction

5. Employment record in Institution (in order starting from present position)

University/College	Designation	Period
JSSS TU / Sri Jayachamarajendra College of Engineering, Mysuru	Assistant Professor	3-10-2016 to Till Date

6. Membership of University / Institution authorities (in the reverse chronological order)

- Member for Institute of Engineers
- Member of IEEE Society

Academics

1. Subjects Taught:

- Theory of Computation
- Compiler Design
- Programming in C
- Computer Organization
- Adhoc Networks
- Big Data Analytics
- Internet of Things

2. R&D Projects Executed

UG Final Year Projects Guided (in the reverse chronological order)
- Text Normalization Using Machine Learning -2018
- Rapid Disaster Alert and Response Manager – 2019
- Indoor Positioning System Using Wi-Fi Fingerprinting – 2019
- Human Pose Estimation -2020
- Detection of Fake Currency Using CNN- 2020
- Online Proctored Test and Long Answer Evaluation-2021
- Virtual Queuing System for Ration Centers -2021

3. Papers Published

- Varsha V, Shiva Prakash S.P, & Krinkin K (2019). Energy Aware Handover in LBS Interference for5G Dense Heterogeneous Network. In Conference of Open Innovations Association, FRUCT (No. 25, pp. 578-586). FRUCT Oy.
- Shiva Prakash S.P & Varsha V (2021). A Review on Energy Optimization in Location-Based Services for 5G and IoT Networks. International Journal of Embedded and Real-Time Communication Systems (IJERTCS), 12(4), 18-35.
- Varsha V, Anusha K J, Abhishek Shastry B M, Balaji H, Sahana Shivkumar,"Virtual Queuing System for Ration Centers ",International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 06 June 2021
- Varsha V, Akshitha N, Sheshnath, Sanjana Raj NM, Shilpa Kallekkanavar, "Online Proctored Test and Long Answer Evalution", International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 06 June 2021
- Karthik K, Gowtham R, Nandan K R, Varsha V "Fake Currency Detection Using Machine Learning", International Journal For Technological Research In Engineering Volume 8, Issue 1, September-2020.

4. Invited Talks/ Workshop / Conference Organized/attended:

Webinars Conducted/Organized:
TEQIP III sponsored webinar series on,
- Two days webinar on Student Enterpreneurship Training – Babycorn to Unicorn from 28-08-2020 to 29-08-2020
- Three days webinar on How to build a robot of your dream ? from 1-10-2020 to 3-10-2020.
- Five days webinar on Cloud computing, AWS and AZURE.from 24-08-2020 to 28-08-2020

- Worked as a Co-Cordinator for Five day national workshop on "**Computer Networks and Cyber Security**" organized by the Department of Computer Science and Engineering, JSS Science and Technology University, Sri Jayachamarajendra College of Engineering Mysore from 16th-20th July 2018.

Courses/ Workshops attended:

- Attended Five dayTEQIP-III sponsored Faculty Development Programme on "Internet of Things: Interfacing and Application Development"from 20th to 24th August organized by the Department of IS&E, SJCE, Mysuru.

- Attended one day workshop on "Stress Mangement" an initiative under TEQIP-III, Equity action plan(EAP) organised by JSS S&TU Mysuru, on 28th February 2019.

- Attended two day workshop on "How to do a good Ph.D" and "Application of Latex in research"from 17th to 18th May 2018 conducted by JSS Science & Technology University, Mysuru.

- Attended Five day TEQIP-III sponsored Faculty Development Programme on "Advances in Data Science: A practical approach"from 17th to 21st June 2019, organized by the Department of IS&E, SJCE, Mysuru.

- Attended Two days TEQIP-III sponsored Workshop on "Blockchain and Artificial Intelligence " from,19th-20th July 2019 organized by Department of CS&E, SJCE., Mysuru.

- Attended Six day Electronics & ICT sponsored Faculty Development Programme on "5G Wireless Communication" from 29th May to 3rd June 2019, organized by the National Institute of Technology, Warangal.

- Attended one day webinar on " Importance of Fibonacci series" organized by the Department of Computer Science and Engineering in association with ACM Mysuru, Professional Chapter, IE Mysuru Local Center, CSI Mysuru on 2nd July 2020.

- Attended one day webinar on " Online tools for researchers" on july 7th 2020 organized by Albertina Institute of Technology, Kochi.

- Attended three day webinar series on "Recent Trends, challenges and Opportunities in Network virtualization" organized by IEEE ComSoc Student Branch Chapter, RVCE, during 6th – 8th July 2020.

- Attended Five day webinar on " Advances in Artificial Intelligence, Machine Learning and Robotics", held from 6th to 10th July 2020 organized by Department of Electronics and Communication Engineering, VVCE, Mysuru.

- Attended Five Day Faculty Development Programme on "Research Trends And Challenges In Computer Science" held at Vidyavardhaka College Of Engineering, Mysuru from 13-07-2020 to 17-07-2020 organized by the Department of Computer Science & Engineering.

- Attended Five day webinar on " Research Frontiers in Intelligent Computing" from June 25th to July 3rd 2020 organized by BNMIT, Bangalore.
- Attended One week knowledge series on " Deep Learning Algorithms : CNN, Transformer Based Algorithm", Organized by Department of CSE on 7th July 2020, VVCE, Mysuru
- Attended One week knowledge series on "Blockchain Technology" , Organized by Department of CSE on 7th July 2020, VVCE, Mysuru.
- Attended one day webinar on " Decoding 5G Standards and Protocols" organized by IEEE Information Theory Society(ITS) Bangalore in association with Tejas Networks on 23rd February 2020.
- Attended 5 day ATAL workshop on "Best Teaching Learning and Assesment Practices in Computer Science / Information Technology" based on NEP from 5-7-2021 to 9-7-2021.
- Attended 5 day ATAL workshop on "5G Technology" from 23-08-2021 to 27-08-2021 organized by BMS college of Engineering.