JSS Mahavidyapeetha

# JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060

**Department Electronics & Communication Engineering**

## FACULTY PROFILE

### 1. Personal Details

| | | |
|---|---|---|
| NAME | GOURI S KATAGERI | |
| DEPARTMENT | Electronics & Communication Engineering | |
| DESIGNATION | Assistant Professor | |
| PHONE | +91 9986831531 | |
| EMAIL ID | gouriskatageri@jssateb.ac.in | |
| Date of Joining (JSSATEB) | 23-07-2012 | |

### 2. Experience

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|---|---|---|---|
| Total Experience in Years | Teaching: 12 Years | Industry: Nil | Research: Nil |

### 3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|---|---|---|---|---|
| B.E. | Electronics and Communication Engineering | 2008 | Basaveshwar Engineering College, Bagalkot | Visvesvaraya Technological University |
| M.Tech. | Vlsi Design & Embedded Systems | 2011 | KLESCET, Belagavi | Visvesvaraya Technological University |
| Pursuing Ph.D. | Image processing, Remote Sensing | | | Visvesvaraya Technological University |
| Post Doc. | | | | |

### 4. Research & Publications

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| Papers Published in Web of Science indexed Journals | International: 01 | National: Nil |
| Papers Published in SCOPUS indexed Journals | International: 02 | National: Nil |
| Papers Published in other Journals | International: 02 | National: Nil |
| Papers Presented in Conferences / Symposium | International: Nil | National: 01 |

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| Books / Book chapters Published | 01 |

## 5. Research Guidance

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| PhD Guide? Give field & University | | |
| PhDs / Projects Guided | | |

## 6. Grants

### i. Funds Received (Projects)

| **Project Name** | Grant Amount | Date of receiving the Grant | Duration | Grant issuing authority/ Body / Organization |
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### ii. Patents

| **Sl. No.** | **Title Details** | **Details of award of patent / Filed** |
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### iii. Consultancy

| **Title of the work** | Amount in Rs. | Date of receiving the Grant | Duration | Grant issuing authority/ Body / Organization |
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## 7. Awards Received

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## 8. Publications

### i. International Journals

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Journal | Volume No. Issue No. Year | WOS / Scopus / Both | Impact Factor | Publisher |
|---|---|---|---|---|---|---|---|
| 1. | **Denoising and analysis of synthetic aperture radar images using improved weight threshold technique in curvelet transform frequency domain** | **Gouri S Katageri**<br><br>**Dr P M Shivakumara Swamy** | **Multimedia Tools and Applications** | **Year 2024** | **Both** | **4.2** | |
| 2. | **Traffic Signal Control System based on Density with Voice Announcement and Gate Sensing** | **Anu H**<br>**Kavitha H.S.**<br>**Gouri S.K.**<br>**Yashwanth N** | **15th International Conference on Advances in Computing, Control, and Telecommunication Technologies,** | **ACT 2024, Volume 2, Year 2024, Pages 1994-1998** | **Scopus** | | |
| 3. | **Denoising of Synthetic Aperture Radar Images Using Dual Tree Curved Wavelet Transform with Modified Cellular Neural Networks** | **Gouri S Katageri**<br><br>**Dr P M Shivakumara Swamy** | **Lecture Notes in Electrical Engineering, Volume 1104 LNEE, Year 2024, Pages 173-194** | **ERCICA 2023** | **Scopus** | | **Advances in Computing and Information** |
| 4. | Review of Design of Anastasia Machine using Raspberry Pi | Nikitha C B | International Journal Of Research & Technology | Volume No-8 Issue N0- 3 May_2020 | | | IJRT |
| 5. | GPS and GSM Based Database Systems for User Access | AravindGumtaz | International Journal of Software and Web Sciences (IJSWS) | Page N0- 24-28 Impact factor -5.88, 2015 | | | IASIR |
| 6. | | | | | | | |
| 7. | | | | | | | |

**ii. National Journals**

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Jounal | Volume No. Issue No. Year | WOS / Scopus / Both | Impact Factor | Publisher |
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**iii. Conferences**

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Journal | Volume No. Issue No. Year | WOS / Scopus | Impact Factor | Publisher |
|---|---|---|---|---|---|---|---|
| 1. | EDA Tool for Netlist to Layout Conversion | Dr Uday Wali | National conference on VLSI, Signal and Image Processing, 2014 | | | | NCVSIP |

**iv. Workshops /Conferences Attended**

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---|---|---|---|
| **1** | **"Artificial Intelligence & Machine Learning for Satellite Image Analysis- MATLAB & Pyth**<br><br>**Perspective"** | **Department of Electronics & Communication Engineering, CMR Institute of Technology, Bengaluru** | **20th to 24th November 2023.** |
| **2** | **Blended/Hybrid FDP on "Deep Learning in Biomedical Image Analysis** | **GATE College** | **5$^{th}$ to 16$^{th}$ December 2022** |
| **3** | **FDP on IoT Basics** | **JSSATEB, National Institute of Technical Teachers Training & Research, Chandigrah, Information Management & Emerging Engineering Development** | **24$^{th}$ to 28$^{th}$ April** |
| **4** | **"An Overview of Teaching Techniques in Innovation & Design Thinking"** | **VTU-HRDC, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur** | **6th to 10th December 2021** |

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| **5** | **Thrust areas in Artificial Intelligence: A multi disciplinary approach** | **Department of ISE, JSSATE Bengaluru** | **feb 7th to feb 11 2021** |
| **6** | **Applied Artificial Intelligence** | **Centre for Development of Advanced Computing** | **29/11/2021 to 03/12/2021** |
| **7** | **MATLAB and its Applications in Image Processing and Communication** | **Department of Electronics and Communication Engineering, SRM TRP Engineering College, Tiruchirappalli** | **21.02.2022 – 25.02.2022** |
| **8** | Online Certificate Course On Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials | **IIRS DEHRADUN** | **June 13th to 7th June 2020** |
| 9 | The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop | IIT Bombay | 20-21 June 2020 |
| 10 | 'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop' | IIT Bombay | May 23, 2020 |
| 11 | 10 days' Workshop On Research Methodology | VTU- (HRDC), VTU-Centre for Post Graduate Studies, Bengaluru Region, Muddenahalli, Chikkaballapur | 17th to 27th January 2020 |
| 12 | Emerging Trends in Multicore Processors and Network on Chip Architecture | RV College of Engineering | 21st to 25th January 2019 |
| 13 | Emerging Technologies in short Range Wireless Communication | RV College of Engineering | 2nd to 6th July 2018 |
| 14 | Advanced VLSI Design | BIT Bengaluru | 3rd April 2017 |
| 15 | NS-3 and Its Usage | Global Academy of Technical Education | 17th January 2017 |
| 16 | Free and Open Source Geospatial Technologies (FOSS4G) for Natural Resources Management | Centre for Continuing Education, Indian Institute of Science, Bengaluru | 27th to 31st May 2019 |

**v. Workshops / Conference (Organized)**

| Sl. No. | Name of the workshop / Conference | Organized by | Date | Role |
|---|---|---|---|---|
| **1.** | | | | |
| **2.** | | | | |

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

| Sl. No. | Name of the workshop / Conference | Organiser | Date |
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## 9. Details of NPTEL / COURSERA courses completed

| Sl. No. | Name of the subject | Organised by | Date of completion / Award | Grade / Marks |
|---|---|---|---|---|
| **1** | Programming With MATLAB | Coursera (Wesleyan University) | June 2020 | 99% |
| **2** | Embedded System Design with ARM | NPTEL, Bengaluru | Jan – Mar 2020 | 92% |
| **3** | Digital Image Processing | NPTEL, Bengaluru | Aug – Oct 2019 | 68% |
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## 10. Membership of Professional Bodies:

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

**No**

**Gouri S Katageri,**
**Assistant Professor**
**JSS Academy of Technical Education**
**Bengaluru 560060**