




FACULTY PROFILE

1. Personal Details

| | | |
|---------------------------|---|---|
| NAME | Dr. SPOORTI J JAINAR |  |
| DEPARTMENT | ELECTRONICS & COMMUNICATION ENGINEERING | |
| DESIGNATION | ASSISTANT PROFESSOR | |
| PHONE | 8095618095 | |
| EMAIL ID | spoorti@jssaten.ac.in | |
| Date of Joining (JSSATEN) | 19-07-2018 | |

2. Experience

| | | | |
|--------------------------------|---------------------|---------------|-------------------|
| Total Experience in Years: 5.5 | Teaching: 5.5 Years | Industry: Nil | Research: 2 Years |
|--------------------------------|---------------------|---------------|-------------------|

3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|-----------|---|---------------|-------------------|---------------|
| B.E. | Electronics and Communication Engineering | 2013 | STJIT, Ranebennur | VTU, Belagavi |
| M.Tech. | Digital Communication and Networking | 2015 | STJIT, Ranebennur | VTU, Belagavi |
| Ph.D. | Speech Processing | 2021 | VTU, Belagavi | VTU, Belagavi |
| Post Doc. | - | - | - | - |

4. Research & Publications

| | | |
|---|-------------------|--------------|
| Papers Published in Web of Science indexed Journals | International: 02 | National: 00 |
| Papers Published in SCOPUS indexed Journals | International: 06 | National: 00 |

| | | |
|---|---|--------------|
| Papers Published in other Journals | International: 00 | National: 00 |
| Papers Presented in Conferences / Symposium | International: 00 | National: 00 |
| Books / Book chapters Published | <p>Name of the book: “8051 Microcontroller” Publisher: Gouthami Publications, Shivamoga (ISBN: 9789354199073) Year of Publication: 2020</p> <p>Name of the book: “DIGITAL SIGNAL PROCESSING” Publisher: Gouthami Publications, Shivamoga (ISBN: 789383214969) Year of Publication: 2020</p> | |

5. Research Guidance

| | | |
|------------------------------------|-----------------------------|---|
| PhD Guide? Give field & University | No | University: Visvesvaraya Technological University, Belagavi, |
| PhDs / Projects Guided | Ph.D. Awarded: Guiding: NIL | Projects at Master’s Level: - Nil Projects at Bachelor’s Level: 12 |

6. Grants

i. Funds Received (Projects)

| Project Name | Grant Amount | Date of receiving the Grant | Duration | Grant issuing authority/ Body / Organization |
|--------------|--------------|-----------------------------|----------|--|
| - | - | - | - | - |

ii. Patents

| Sl. No. | Title Details | Details of award of patent / Filed |
|---------|---|------------------------------------|
| 1 | System and method for vibration suppression of different types of structures using multiple sensing techniques using control algorithms | Filed &Published |
| 2 | Gaze Controlled Electric Iron Box | Filed &Published |
| 3 | Predicting Trading Algorithm Performance | Filed |
| 4 | IoT Apparatus for Detecting Quality and Shelf Life of Processed Sea Food | Filed &Published |
| 5 | IoT Device for Detecting Naturally Ripen and Chemically Ripen Fruits | Filed &Published |

iii. Consultancy

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

7. Awards Received

| | |
|---------------------------|---|
| Awards “Best Paper Award” | First Rank with 02 Gold Medals in M.Tech. |
|---------------------------|---|

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 | “Development of a novel blind man’s stick for disabled persons using inbuilt micro-controller” | Dr. Arun Kumar G., Dr. Spoorti J. Jainar , Shantanu Singh, Shipra Mishra, Vishesh Rai, Dr. T.C. Manjunath | Journal of Gedrag& Organisatie (Netherlands) | Vol. 33, Issue 4, 2020 | WOS | - | Thomson Reuters |
| 2 | “An overview of nano-robots for curing different types of diseases in the field of medical applications” | Dr. Arun Kumar G , Ms. Spoorti J. Jainar, Dr. Nagaraja B.G. & Dr. T.C.Manjunath | Gedrag& Organisatie (Netherlands) | Vol. 33, Issue 3, 2020 | WOS | - | Thomson Reuters |
| 3 | “VAD, feature extraction and modeling techniques for speaker recognition - A review,” | Spoorti J Jainar , Pritam Limbaji Sale and Nagaraja B. G | International Journal of Signal and Imaging Systems Engineering (IJSISE) | Vol. 12 No.1/2, 2020 | Scopus | - | Inderscience Journal |

| | | | | | | | |
|---|--|---|--|---|---------------|---|---|
| 4 | “A Research of Noise Estimation and Removal Techniques for Speech Signal” | Dr. B.P. Mishra, Laxman Singh, Spoorti J. Jainar , Nagaraja B. G | International Journal of Recent Technology and Engineering (IJRTE) | Vol. 8, Issue-2S3, 2019 | Scopus | - | - |
| 5 | “Language mismatch speaker identification using CQCC Features” | Spoorti J Jainar , Pritam Limbaji Sale and Nagaraja B. G | JRDCS | Vol. 10, 12-Special issue, 2018 | Scopus | - | - |
| 6 | “A comparison of features for multilingual speaker identification - A review and some experimental results” | Pritam Limbaji Sale, Spoorti J Jainar and Nagaraja B. G | JRDCS | Vol. 7 Issue-4S2, 2018 | Scopus | - | - |
| 7 | ., “Language mismatch speaker identification using cepstral and Pitch features” | Pritam Limbaji Sale, Spoorti J Jainar and Nagaraja B. G., | JRDCS | Vol 10, 14-Special issue | Scopus | - | - |
| 8 | Recent Advances in the Design & Development of A Drone Used for Bio-Medical Engineering Applications: Medi-Sky | DakkaObulesu, Arun Kumar G, B.P. Mishra, Spoorti J , T.C.Manjunath | International Journal of Innovative Technology and Exploring Engineering | Vol. 8, Issue-9S, Page No.: 796-800, July 2019, | Scopus | - | - |

ii. National 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 |
|---------|--------------------|----------------------|---------------------|---------------------------|---------------------|---------------|-----------|
| - | - | - | - | - | - | - | - |

iii. 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 |
|---------|--------------------|----------------------|------------------------|---------------------------|--------------|---------------|-----------|
| - | - | - | - | - | - | - | - |

iv. Workshops /Conferences Attended

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---------|-----------------------------------|---------------|-------------------------|
| 1 | FDP on PYTHON | JSSATE, NOIDA | 2205-2020 to 05-06-2020 |

v. Workshops / Conference (Organized)

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

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

| Sl. No. | Name of the workshop / Conference | Organizer | Date |
|---------|-----------------------------------|-----------|------|
| - | - | - | - |

9. Details of NPTEL / COURSERA courses completed

| Sl. No. | Name of the subject | Organized by | Date of completion / Award | Grade / Marks |
|---------|---------------------|--------------|----------------------------|---------------|
| - | - | - | - | - |

10. Membership of Professional Bodies:

| |
|---|
| 1. Member of International Associations of Engineers (IAENG - 136595) |
| 2. International Association of Computer Science & Information Technology (IACSIT - 80347724) |

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

-