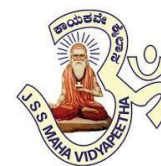





**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education, Bengaluru**  
**Department of Electronics & Communication Engineering**



**FACULTY PROFILE**

**1. Personal Details**

|                     |   |   |
|---------------------|---|---|
| NAME                | Dr ARAVINDA H S                         |  |
| DEPARTMENT          | Electronics & Communication Engineering |   |
| DESIGNATION         | Professor                               |   |
| PHONE               | +91 9742265523                          |   |
| EMAIL ID            | aravindh@jssateb.ac.in                  |   |
| TEACHING EXPERIENCE | 22 years                                |   |
| INDUSTRY EXPERIENCE | nil                                     |   |
| RESEARCH EXPERIENCE | 15                                      |   |

**2. Qualification**

| COURSES            | SPECIALIZATION   | INSTITUTION  | UNIVERSITY  |
|--------------------|--|--|---|
| Ph.D.              | Fault Tolerant Measurement Techniques of Acoustic Spectrum | National Aerospace Laboratories (NAL)                          | Visvesvaraya Technological University, Belgaum ,Karnataka |
| M.Tech.            | Bio-Medical Instrumentation                                | Sri Jayachamarajendra College of Engineering Mysore, Karnataka | Mysore University, Mysore , Karnataka                     |
| BE / Diploma / ITI | Electronics & Communication Engineering                    | Kalpataru Institute Of Technology, Tiptur-572202               | Bangalore University, Bangalore ,Karnataka                |
| PUC                | PCMB   | Kalpataru science college tiptur-572202                        | PU board  |
| SSLC               | -  | Govt boys high school  | SSLC board  |

**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 |
|--------------------------------------|--|--|
| Awarded as Best Teacher              | 2010, Award from Department of ECE         | Reva ITM                                     |
| Awarded as Best teacher              | in Department of ECE from AMID during 2018 | JSSATE.                                      |
| Received Life Time Achievement award | 2019                                       | ESN AWARDS                                   |

#### 4. Publications ( Journals Conferences )

|   |   |              |
|---|---|--------------|
| Papers Published in Web of Science indexed Journals | International: 04   | National: 00 |
| Papers Published in SCOPUS indexed Journals         | International: 07   | National: 00 |
| Papers Published in other Journals                  | International: 19   | National: 01 |
| Papers Presented in Conferences / Symposium         | International:19  | National: 24 |
| Books / Book chapters Published                     | Name of the book: <b>Basic Electronics</b><br>Publisher: S Chand<br>Year of Publication: 2016 |              |

#### 6. Grants/Funding Received

| Grant Amount | Project Name  | Date of receiving the Grant | Grant issuing authority/ Body / Organization |
|--------------|---|-----------------------------|--|
| 30 Lakhs     | <b>Innovation Lab for Rapid prototyping of IOT Products</b> | <b>2019 3 Years</b>         | <b>VGST, Govt of Karnataka</b>               |

##### 6.a. Workshops / Conference organized

| Sl. No. | Name of the workshop / Conference  | Organised by   | Date   | Role          |
|---------|--|--|--|---------------|
| 1       | <b>INTERNATIONAL CONFERENCE</b> as on "Signal, Image Processing, Communication and Automation" (ICSIPCA- 2017) | <b>Dept of ECE</b> , in Association with TATA Mc Graw Hill                     | 6th and 7th July 2017.                             | General Chair |
| 2       | <b>Workshop</b> on Signal, Image Processing & SDR using Lab View   | <b>Dept of ECE</b> , in Association with company                               | during 22-24 June 2015                             | convener      |
| 3       | <b>FDP</b> on GNU Radio and Software Defined Radio   | <b>Dept of ECE</b> , in Association with company                               | 27 <sup>th</sup> June to 1 <sup>st</sup> July 2016 | convener      |
| 4       | <b>Workshop</b> on Embedded Controller Lab using ARM Cortex M3   | <b>Dept of ECE</b> , in Association with SIMS                                  | 4 <sup>th</sup> to 6 <sup>th</sup> January 2018    | convener      |
| 5       | <b>National Symposium</b> for 2 days on IOT  | <b>Dept of ECE</b> , in Association with Company                               | 4 <sup>th</sup> & 5 <sup>th</sup> July 2018        | convener      |
| 6       | <b>workshop</b> on Embedded Systems & IOT  | <b>Dept of ECE</b> , in Association with Digital Shark Technology              | 12 and 13 <sup>th</sup> October 2019.              | convener      |
| 7       | <b>workshop</b> on IOT and its Applications  | <b>Dept of ECE</b> , in Association with Digital Shark Technology              | 29 <sup>th</sup> and 30 <sup>th</sup> october 2019 | convener      |
| 8       | <b>IOT challenge 2020"</b>   | <b>Dept of ECE</b> , in Association with IIT Bombay and i3 India Technologies. | 29 and 30 <sup>th</sup> November 2019              | convener      |
| 9       | Organised webinar on International yoga day with Heartfulness "YOGA, MEDITATION & MUSIC EVENT"                 | Dept of ECE, JSSATE , with Heartfulness  | 21 <sup>st</sup> June 2020                         | Convener      |
| 10      | Organised webinar on "Internet of Things" along  | Dept of ECE, JSSATE , with DST   | 12 <sup>th</sup> June 2020                         | Convener      |
| 11      | Organised webinar on "IPR & PATENT FILING"   | Dept of ECE, JSSATE  | 10 <sup>th</sup> June 2020                         | Convener      |

##### 6.b. workshop/ Seminar /Conference Attended

|  |
|--|
| • Attended a Two day workshop on MAT LAB for Engg, during 14 &15 may1999 at SSIT Tumkur.   |
| • Attended a 5 day workshop on Train the Trainers on DSP 56xx family, during 18-22 Oct 2000, at BMSCE college of Engg,   |
| • Attended a 2 day workshop on Real time implementation of DSP algorithms at VKIT, Bangalore during 23-24 Feb 2002.  |
| • Attended a 2 day workshop on DSP lab at RV college of Engg, Bangalore during 5-6 Jan 2002.   |
| • Attended a 3 day workshop on Matlab and DSP Processors at Dr AIT college of Engg, Bangalore during 6-8 march 2006.   |
| • Attended a 5 day workshop on electronic design and automation at EPCET during 20-24 June2005   |
| • Attended a 2 day workshop on Embedded and Virtual Instrumentation at PES college of Engg Bangalore during 15-16 Aug 2004.  |
| • Attended 2 day workshop on Labview software training at VTU Belgaum during 30-31 Aug 2005.   |
| • Attended a 5 day short term program on medical imaging at IISc , Bangalore during 19-23 Sep 2005.  |
| • Attended a 3 day workshop on Recent trends in communication in Engg during 26-28 Nov 2004 at NMIT, Bangalore.  |
| • Attended National Symposium on Instrumentation (NSI - 28), ISOI (IISC), Bangalore, conducted at Govind Ballabh Pant University, Pantnagar, State of Uttaranchal, India in Nov-2003.    |
| • Attended International Conference on Human Machine Interfaces – 2004, conducted at JN Tata Auditorium, IISc Campus, Bangalore in Dec 2004  |
| • <b>Attended National Symposium on Acoustics (NSA- 2005), conducted at NAL, Bangalore in Dec 2005.</b>  |
| • <b>Attended Second National Conference on Electronic Circuits and Communication Systems, conducted at Thapar Institute of Engineering and Technology, Patiala, Punjab in Feb 2006.</b> |
| • <b>Attended an STTP Program on VLSI Design Flow funded by AICTE/ ISTE during June 23rd 2008 to July 2nd 2008 at Reva ITM, Bangalore.</b>   |
| • <b>Attended 3 days workshop on SCI LAB at R V College of Engg, Bangalore from 13th -15th September 2010.</b>   |
| • <b>Attended a 2 day workshop on Research Methodologies and proposal writing at KSIT, Bangalore during 24-25 Jan2011.</b>   |
| • <b>Session chair, in International Conference on Optical Engineering held at, VTU, “Jnana Sangama”, Belgaum 26th to 28th July 2012.</b>  |
| • <b>Chief Guest and Session Chair, National Level Technical Paper Presentation, organized by SJCIT Chickaballapura, India on 5th April 2012.</b>  |
| • <b>Chief Guest and Session Chair, National Level Technical Paper Presentation, organized by SJCIT Chickaballapura, India on 7th may 2013.</b>  |
| • <b>Chief Guest and Session Chair, National Level Technical Paper Presentation, organized by SJCIT Chickaballapura, India on 7th may 2013.</b>  |
| • <b>Chief Guest and Session Chair, National Level Technical Paper Presentation, organized by SJCIT Chickaballapura, India on 7th may 2013.</b>  |
| • <b>Received Certification of Appreciation from IEEE Bangalore section,</b>   |
| • <b>Received a letter of Appreciation from Principal of REVA ITM for conducting 2 day’s work shop on “Image &amp; Video Processing”, on 12th &amp; 13th October 2012</b>                |
| • <b>Received a Award of Recognition from Dept. ECE, REVA ITM for participating in “Circuit Simulation Using LABVIEW”</b>  |

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

| Sl. No. | Name of the workshop / Conference   | Organiser   | Date   |
|---------|---|---|--|
| 1       | <b>National Symposium on Instrumentation (NSI - 28),</b>                            | ISOI (IISC), Bangalore, conducted at Govind Ballabh Pant University, Pantnagar, State of Uttaranchal, India | Nov-2003.                                      |
| 2       | <b>International Conference on Human Machine Interfaces- 2004,</b>                  | conducted at JN Tata Auditorium, IISc Campus, Bangalore .   | Dec 2004                                       |
| 3       | <b>National Symposium on Acoustics (NSA-2005),</b>                                  | NAL, Bangalore  | Dec 2005                                       |
| 4       | <b>Second National Conference on Electronic Circuits and Communication Systems,</b> | conducted at Thapar Institute of Engineering and Technology, Patiala, Punjab                                | Feb 2006.                                      |
| 5       | <b>International Conference on Optical Engineering</b>                              | held at, VTU, “Jnana Sangama”, Belgaum  | 26 <sup>th</sup> to 28 <sup>th</sup> July 2012 |

Details of NPTEL / COURSERA courses completed

| Sl. No. | Name of the subject                       | Organised by        | Date of completion / Award        | Grade / Marks |
|---------|---|---------------------|-----------------------------------|---------------|
| 1       | Introduction to IOT                       | NPTEL, IIT Khargpur | July- Oct 2019, 12 weeks          | ELITE         |
| 2       | Advanced Embedded systems                 | NPTEL, IIT Khargpur | Jan-April 2020, 12 weeks          | 84%           |
| 3       | Introduction to IOT                       | NPTEL, IIT Khargpur | July- Oct 2019, FDP- 12 weeks     | ELITE         |
| 4       | Mathematical Foundations for Cryptography | COURSERA,           | Jun 1 <sup>st</sup> 2020, 4 weeks | 100%          |
| 5       | Wireless Communications for Everybody     | COURSERA,           | Jun 8 <sup>th</sup> 2020, 6 weeks | 92%           |

#### 6.d. PROJECT / Innovations/Patents

3 patents filed in the field of IoT

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

| Title of the work | Amount in Rs. | Date of receiving the Grant | Duration | Grant issuing authority/ Body / Organization                            |
|-------------------|---------------|-----------------------------|----------|---|
| TI Innovation Lab | Rs 4 lakhs    | 2019                        | 3Years   | Digital Shark Technology , Inhouse Internship on IoT & Embedded Systems |

#### Major Responsibilities / Works Handled:

- Worked as HOD, during my term Department of Electronics and Communication, got NBA status for 3 years.
- Technical talk given in other colleges like MVJCE, SSIT, REVAITM in the field of Signal Processing.
- Served as BOS member for Siddartha University during 2017-2018.
- Served as BOS member for New Horizon College of Engineering during 2017-2020.
- Served as BOE member for VTU during 2019-2020.
- Attended as a session chair for international conference: 05
- Attended as a session chair for national conference : 08
- Awarded as Best teacher in the Department of ECE from AMID during 2018.
- Served as LIC member during 2017.
- Written a Text book on “Basic Electronics” as per VTU syllabus during 2016..
- Worked as a Chief Co-ordinator for Verve-16 (JSSATE Techno Cultural Fest) from the Department of ECE.
- Completed the process of signing an MOU (4 companies) with TI, Livewire, Apsis solutions, EFY to help the students & faculty.
- The Department forum “Äthrav” is opened to conduct technical & cultural activities for overall development of the students under IETE. Under that many activities like workshop, seminars, and lectures are organized.
- Conducted IEEE activity Confluence 2016 & 2018, under this many technical & cultural activities are conducted in the Department.
- Worked as Co-ordinator for National workshop on “Accreditation process” conducted during 26th & 27th August 2016, at JSSATEB.
- Arranged technical talk on “How to write research proposal” to all faculty of JSSATEB, 19th February 2015.

- Completed NPTEL course on “Introduction to IOT” during 2019.
- Set up “TI Innovation Lab” in the Dept of ECE, in association with Digital Shark Technology during 2019, for students use.
- Received NPTEL Two week FDP certificate on “Introduction to IOT” during 2019.
- Received Certificate of Appreciation for guiding students for TI Analog Design Contest during 2019.
- Received Certificate of Appreciation for Conducting IOT challenge 2020 during 2019.

## 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        | Implementation of the six channel Redundancy to achieve fault tolerance in testing of satellites          | H.D.Maheshappa,<br>Dr RanjanMoodithya<br>Aravinda H S  | International Journal of Computer science and information security                   | Vol. 8, No.1, pp – 81-85, April Issue, 2010.   | -                   | Impact factor: 0.4 | -         |
| 2        | Implementation of the 2 Level Redundancy for 6 Channels to achieve fault tolerance in satellite testing”. | H.D.Maheshappa,<br>Dr Ranjan Moodithya<br>Aravinda H S | International Journal of Computer Engineering and software technology                | Vol. 1, No.2, pp – 83-93, July-Dec Issue, 2010.                                      | -                   | Impact factor: 2.5 | -         |
| 3        | Development of 8-lane PCI-Express protocol using VHDL   | Harish K<br>Aravinda H S                               | International Journal of Advanced Networking and Applications,                       | Volume: 03; Issue: 03; pp:1169-1175. august 2011.                                    | -                   | Impact factor: 3.4 | -         |
| 4        | Simulation of 4 Channel Redundancy Management Technique for Fault Tolerant Satellite Testing”             | Somesh B S<br>Aravinda H S                             | International Journal of Innovative Ideas and Research in Engineering and Technology | vol 1, issue 2, during June 2012.  | -                   | Impact factor: 3.5 | -         |
| 5        | Segmentation Of ACL In MR Images;   | RaveendraGudodagi,<br>Vidyasagar K. N<br>Aravinda H S  | International Journal Of Engineering And Computer Science                            | ISSN:2319-7242; Volume 2 Issue 6 June, 2013 Page No. 2033-2036.<br>Impact factor:2.5 | -                   | Impact factor: 2.5 | -         |
| 6        | Reversible Watermarking Based On Bi-  | Neha Shankar<br>Aravinda H S                           | International Journal Of Engineering   | Volume 2 Issue 6 II June. 2013 II Pp.76-85.  | -                   | Impact factor: 1.7 | -         |

|    |  |                                    |   |  |   |                      |   |
|----|--|------------------------------------|---|--|---|----------------------|---|
|    | Orthogonal Wavelet Transform;  |                                    | Science Invention;  |  |   |                      |   |
| 7  | Analysis of adaptive wavelet wiener filtering for ECG signals                                  | Ateetjoshi<br>Aravinda H S         | International journal of advanced research in E&C Engg.   | Vol 3, issue 4, pp 395-398 april 2014.<br>ISSN: 2278-909X                          | - | Impact factor: 2.5   | - |
| 8  | Review of Image Enhancement Histogram equalization techniques.                                 | Vedavathi s<br>Aravinda H S        | International journal of science, engg& technology research                                       | Vol 3, issue 4, pp 674-676 april 2014.<br>ISSN: 2278-7798                          | - | Impact factor: 3.5   | - |
| 9  | Efficient Detection and Tracking of Moving object in a image sequence inspection               | Suma C<br>Aravinda H S             | International <i>Jou rnal of Advanced Research Trends in Engineering and Technology (IJARTET)</i> | Vol : II, Special Issue XXVII June 2015, Page 89-95                                | - | Impact factor: 1.3   | - |
| 10 | A review of modified rijndael proposals  | Sushikshit H Gowda<br>Aravinda H S | International Journal of information technology and computer engineering (IJITC-16)               | 6 <sup>th</sup> may 2016<br>E-ISSN:2455-5290                                       | - | -                    | - |
| 11 | Design and ASIC Implementati on of Modified Rijdael Cipher                                     | Sushikshit H Gowda<br>Aravinda H S | International Research Journal of Engineering and Technology (IRJET)                              | Vol: 03, issue: 07, July 2016, e-ISSN: 2395-0056,P-ISSN:2395-0072, , pp-1909-1714. | - | Impact factor: 4.45  | - |
| 12 | Design High gain folded cascode operational amplifier using 180nm technology                   | Amulya D Raj<br>Aravinda H S       | International Research Journal of Engineering and Technology (IRJET)                              | Vol: 04, issue: 07, July 2017, , pp-1-4  | - | impact factor: 5.181 | - |
| 13 | Reviewing the effectiveness of contribution of microstrip antenna in the communicati on system | R J Kavitha<br>Aravinda H S        | open journal of antennas and propagation  | June 2017, Vol:5, PP-47-62, 2017   | - | -                    | - |
| 14 | Review of Research Techniques to Improve System  | T.G. Shivapanchaks hari            | Open journal of antennas and propagation  | <a href="#">Vol.5 No.2, June 2017</a><br>PP83-98                                   | - | -                    | - |

|    |   |   |  |  |        |   |   |
|----|---|---|--|--|--------|---|---|
|    | Performance of Smart Antenna  | Aravinda H S                                |  |  |        |   |   |
| 15 | An efficient mechanism to improve the complexity & system performance in OFDM using SSA                   | T.G. Shivapanchaks hari.<br>Aravinda H S    | springer series journal<br><br>Advances in Intelligent systems and computing.                        | Volume 986,PP 60-66,2019<br>ISBN 978-3-030-19813-8-7<br>ISBN 978-3-030-19813-8                     | Scopus | - | -   |
| 16 | Adaptive Resource allocation using various smart antenna techniques to maintain better system performance | Shivapanchaks hari T G,<br>Aravinda H S     | International Journal of Engg and Advanced Technology  | ISSN;2249-8958 Vol-8, issue 5s, june-28,2019. Pp 262-265   | Scopus | - | BEIESP  |
| 17 | Real Time Solution For Prosognopasia  | Abhilash Manu<br>Aravinda H S               | International Journal of Engg and Advanced Technology  | ISSN;2249-8958 Vol-8, issue 5s, May-28,2019. Pp 266-271  | Scopus |   | BEIESP  |
| 18 | Real time driver identity and alertness monitoring:   | YashaswinMayya ,<br>Aravinda H S            | International Journal of Advanced Research in Electrical, Electronics and Instumentation Engineering | DOI:10.15662/IJAREEIE.2019.0805008 ISSN (Print) : 2320 – 3765 ISSN (Online): 2278 – 8875           | -      | - | -   |
| 19 | Design and Implementation of two stage operational amplifier  | Priyanka T,<br>Yetheesh H G<br>Aravinda H S | International Research Journal of Engineering and Technology (IRJET)                                 | Vol: 04, issue: 07, pp-3306-3310. July 2017  | -      | - | -   |
| 20 | A Mathematical Modelling Approach to Design Microstrip Patch Antenna with Optimal Performance             | R J Kavitha<br>Aravinda H S                 | Communications on Applied Electronics (CAE) – ISSN : 2394-4714                                       | Volume 7 – No. 16, May 2018  | -      | - | Foundation of Computer Science FCS, New York, USA |
| 21 | An Analytical Approach for Design of Microstrip Patch (MsP)   | R J Kavitha<br>Aravinda H S                 | International Journal of Electrical and Computer Engineering (IJECE)                                 | Vol. 8, No. 6, December 2018, pp. 4175~4183 ISSN: 2088-8708, DOI: 10.11591/ijece.v8i6.pp.4175-4183 | -      | - | -   |
| 22 | An efficient mechanism to improve the   | Shivapanchaks hari. T.G.<br>Aravinda H S    | International Journal of <a href="#">Advances in Intelligent</a>                                     | 10 May 2019<br>book series   | scopus | - | -   |

|    |   |  |  |  |        |   |  |
|----|---|--|--|--|--------|---|--|
|    | complexity & system performance in OFDM using SBSA  |  | <a href="#">Systems and Computing</a> book series                    | (AISC, volume 986) 2019  |        |   |  |
| 23 | CL-SA-OFDM: cross-layer and smart antenna based OFDM system performance enhancement       | Dr.Aravinda H.S.<br>Shivapanchaks hari T G,  | International Journal of Electrical and Computer Engineering (IJECE) | Vol. 10, No. 5, October 2020, pp. 4663~4670<br>.pp4663-4670, ISSN: 2088-8708,  | scopus | - | Institute of advanced engineering and science(IAES), |
| 24 | Euler-Lagrange model development for a stationary dynamical robotic system- SCARA         | Dr. Aravinda H.S.<br>Mr. Raghunath B.H.<br>Dr. Mahesh Kumar D,<br>Dr. Tian Jipeng,<br>Dr. T.C. Manjunath | <i>International Journal of Grid and Distributed Computing</i>       | Feb2020, Vol. 13, Issue 1, pp. 244-255, ISSN: 2005-4262 IJGDC                  | WOS    | - | SERSC,   |
| 25 | Survey on Parallelization and coding techniques for compression capability of HEVC        | Praphul MN<br>Dr. Aravinda H.S.  | International Journal of Management, Technology And Engineering      | Volume IX, Issue VI, JUNE/2019 Pp 3805-3810<br>ISSN NO : 2249-7455             | scopus | - | -  |
| 26 | A survey on fault tolerance for hearing impairment using signal processing technique      | Vijayakumar reddy<br>Dr. Aravinda H.S.   | International journal of research and analytical reviews,(IJRAR),    | Vol-6, Issue-2, June 2019, E-ISSN2348-1269, P-ISSN, 2349-5138                  | -      | - | -  |
| 27 | A relative Simulation study of energy aware routing protocols for wireless sensor network | Chethan<br>Dr. Mahesh Kumar D Dr. Aravinda H.S.  | International Journal of Future generation and networking            | Vol-13, no-3, 2020   | WOS    | - | SERSC  |
| 28 | Adaptive Resource allocation using various smart antenna                                  | Shivapanchaks hari. T.G.<br>Aravinda H S   | International Journal of Engineering and Advanced Technology         | Volume No. 8<br>Issue No. 5s<br>Year 2019<br>Page No.262-265<br>ISSN;2249-8958 | Scopus | - | BEIESP   |



|    |   |                              |   |   |        |                      |   |
|----|---|------------------------------|---|---|--------|----------------------|---|
|    | techniques to maintain better system performance  |                              |   |   |        |                      |   |
| 29 | A NOVEL CHARACTERISTIC MECHANISM FOR DIFFERENT MICROSTRIP PATCH ANTENNA (MPA)                                       | R J Kavitha<br>Aravinda H S  | International Journal of Advanced Research in Engineering and Technology (IJARET) | Volume 11, Issue 11, November 2020, pp. 691-699, Article ID: IJARET_11_11_066 | Scopus | -                    | - |
| 30 | Breast Tumor Detection in Automated Breast ultrasound Using 3-D CNN and 3TP U-Net Deep Convolutional Neural Network | Srikanth A N<br>Aravinda H S | International Journal of Research in Engineering, Science and Management          | Volume-3, Issue-7, July-2020  | -      | Impact factor -4.308 | - |

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 |
|---------|--|----------------------|---|--|---------------------|--------------------|-----------|
| 1       | The performance evaluation of various algorithms for echo cancellation in Acoustics” | H.D.Maheshappa       | Journal of Acoustical Society of India, | Vol. 33, 2005, no.1 – 4 December 2005.<br><br>Impact factor: 1.5 | -                   | Impact factor: 1.5 | NAL       |

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 |
|----------------------|---|-----------------------------------|---|--|--------------|---------------|-----------|
| <b>International</b> |   |                                   |   |  |              |               |           |
| 1                    | “Verification of the six channel quad Redundancy management software with the fault tolerance | H.D.Maheshappa, Ranjan Moodithya, | “International Conference on Parallel and Distributed processing techniques and applications” held at Monte | During July 13 <sup>th</sup> to 16 <sup>th</sup> 2009, Page No.553 – 558, Vol -2 | -            | -             | -         |

|   |  |  |  |   |   |   |   |
|---|--|--|--|---|---|---|---|
|   | measurement techniques of acoustic spectrum of satellite”                                |  | Carlo resort, Lasvegs , Nevada, USA (PDPTA - 09)”  |   |   |   |   |
| 2 | “Manipulation of Clinical Warehouse Data Using Extended SQL”,                            | Ashwin Kumar                           | First International Conference on Emerging Technologies and Appliances in Engineering & Technology, Saurashtra University, Rajkot, Gujarat | 13th – 14th January '08, pp.no 1321 to 1325.  | - | - | - |
| 3 | “Automised Water Management System”,   | Nithish K.N                            | International Conference Of India Research & Development   | Dr. Ait , Bangalore.<br>During may 2013   | - | - | - |
| 4 | “Automised Water Management System for Home”,  | Nithish K.N                            | “International Conference On Electronics And Communication   | Icitech 2013, Hyderabad, India.   | - | - | - |
| 5 | “Repetitions And Prolongations Classification s In Stuttered speech                      | Shreyas B S                            | International Conference On Emerging Trends In Engineering icete-13,   | Nittmahalingaa dyanthaya Memorial Institute Of Technology, Nitte On May 2013, 15 <sup>th</sup> -16 <sup>th</sup> , pp 318-321 ,<br><br>ISBN: 9789382880295. | - | - | - |
| 6 | 2d To 3d Reconstruction Of Brain Tumors In MRI Images Using Image Processing Techniques; | Mahesh Kumar T. N                      | 2d To 3d Reconstruction Of Brain Tumors In MRI Images Using Image Processing Techniques  | Thapar University, Ptiala, Punjab, India, October 4 <sup>th</sup> And 5 <sup>th</sup> may 2013.   | - | - | - |
| 7 | Implementation of adaptive wavelet wiener filtering for ECG signals.                     | Ateet joshi                            | International conference of advanced research in E&C Engg.   | pp 11-17 april 2014.<br><br>ISBN: 9788192958002   | - | - | - |
| 8 | Fault Tolerant Techniques for FPGAs: A review”   | Raghunath.B. H                         | ” International Conference on Signal, Image Processing, Communication and Automation   | ICSIPCA-2017, Pp 1051-1054  | - | - | - |
| 9 | “Survey of Motion Actuators for Micro/Nano Positioning Systems”                          | Somesh B S, Neethu KN, Mahesh Kumar TN | International Conference on Signal, Image Processing, Communication and Automation   | ICSIPCA-2017, Pp 1055-1060  | - | - | - |

|    |   |  |   |   |   |   |   |
|----|---|--|---|---|---|---|---|
| 10 | “Survey of Motion Actuators for Micro/Nano Positioning Systems”   | Somesh B S, Neethu KN, Mahesh Kumar TN | International Conference on Signal, Image Processing, Communication and Automation  | ICSIPCA-2017, Pp 1055-1060  | - | - | - |
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