

Dr.Subhas Meti

1. Subhas A. Meti, Sharankumar, Santosh B, Madhumati and Rashmi K “Development of segmentation algorithm for brain tumor detection using MRI images and performance analysis” International Journal of Future Generation Communication and Networking, Web of Science (ESCI) Vol. 13, No. 4, pp. 443–448 ISSN: 2233-7857, E-ISSN: 2207-9645 Sept- 2020,
2. Subhas Meti, Sharan kumar, Basavaraj Soratur, Karthik M. Ugalat, Sahana Savur “LIFE GUARD STICK” Alochana Chakra Journal Volume IX, Issue VI, June/2020ISSN NO:2231- 3990Page No:1467-1470, June 2020. DOI:10.01011.ACJ.2020.V9I6.00068749.02564
3. Subhas A. Meti and V G Sangam, “Enhanced auto associative neural network using feed forward neural network: An approach to improve performance of fault detection and analysis’,” Int. J. Data Analysis Techniques and Strategies Vol-11, Issue No. 4 pp 291-309. Nov 2019. DOI: 10.1504/IJDATS.2019.103754
4. Subhas A. Meti and V G Sangam, “PCA Based Optimization using Conjugate Gradient Descent Algorithm; An approach towards efficient energy consumption in WBAN”. International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 8, No.8, pp 75-82 2017 DOI 10.14569/issn.2156-5570. (Indexed: Thomson Reuters, Web of Science and IET Inspec direct).
5. Subhas A. Meti and V. G Sangam. “A Thorough Insight to Techniques for performance Evaluation in Biological Sensors” International journal of Electrical and Computer engineering (IJECE), Vol 6 No. 3 pp-986-994 June 2016. ISSN: 2088-8708. DOI: <http://dx.doi.org/10.11591/ijece.v6i3.9032>. (Scopus Indexed)
6. Subhas A. Meti and V G Sangam, “Multi sensor data fusion for Sensor validation” International Journal of Advanced Computer Technology (IJACT) ISSN:2319-7900 VOLUME 3, NUMBER 3, PP 22-28 April-May 2015.
7. Subhas A. Meti and V G Sangam, “Enhancing The Performance Of Biological Sensor Validation Using Fusion Technique” International Journal of Electrical, Electronics and Data Communication (IJEEDC), ISSN (P): 2320-2084, (O) 2321–2950, April-2015. (IJEEDC-IRAJ- DOI-1837) Imfact factor (1.53) (Indexed: Thomson Reuters, ResearcherID)
8. Subhas A Meti, Shraddha H, et al “Model based learning of Linear Integrated Circuit Course: A practical approach” Journal of Engineering Education Transformations, ISSN 2394-1707. DOI: 10.16920/jeet/2016/v0i0/85549.
9. Subhas A. Meti, V G Sangam, & John Alwyn. “Liquid level measurement using He-Ne laser and microcontroller” International Journal of Information Technology & Systems, Vol. 2; No. 2: PP. 6-10, July-Dec. 2013.

## CONFERENCE PUBLICATIONS

1. Subhas A Meti and V G Sangam “Optimized Performance Validation of Biosensors with High Fault Tolerance”, IEEE 7th International Advance Computing Conference (IACC), Hyderabad, pp. 322-325. DOI: 10.1109/IACC.2017.0076. Feb 2017
2. Subhas A Meti and V G Sangam “Technique for effective validation of bio sensor using auto-associative neural network”, IEEE Annual India Conference (INDICON), held at Indian Institute of Science Bangalore, 2016, pp. 1-6.DOI: 10.1109/INDICON.2016.7839014. Dec 2016
3. Subhas A Meti and V G Sangam "Biological sensor performance validation using fusion technique" IEEE International Conference on Industrial Instrumentation and Control (ICIC), held at College of Engineering, Pune, 2015, pp. 1158-1163. DOI 10.1109/IIC.2015.7150923, Mar 2015
4. Process variable monitoring and device control using ARM Processor and GSM Technology 4th International Conference on Modeling and Simulation,(CITICOMS – 2007) Coimbatore. 27-29 August 2007, Aug 2007
5. Temperature monitoring and device control using ARM Processor and GSM Technology 2nd International Conference on Embedded Systems, Mobile Communication and Computing August 3-5, 2007, (ICEMC2) Bangalore, Aug 2007.

## TRAININGS SEMINAR /WORKSHOP ATTENDED/ ORGANIZED

1. Attended one week Faculty development Program on “Modern teaching pedagogy and trends in ICT based learning with advances in technology and Industry 4.0 perspective” held on 20-25 February 2023 sponsored by IUCEE and organized by Presidency university Bangalore.
2. Attended one week Short Term Training Programme (STTP) titled “**Electronics Equipment Integration, Prototype Building and PCB Design**” held on 21st June to 26th June 2021 sponsored by AICTE and organized by Trident Academy of Technology, Bhubaneswar, Odisha.
3. Delivered one day technical talk on “PCB design using EAGLE tool” to student of VDIT Haliyal on 1<sup>st</sup> June 2021.
4. Attended one day NBA awareness webinar on “Outcome Based Education and Accreditation” on 16<sup>th</sup> Feb 2021 Organised by NBA New Delhi and VTU Belagavi.
5. Successfully completed 12 week NPTEL-AICTE Faculty Development Program on “Op-Amp Practical applications: Design, Simulation and Implementation” with E-lite certification, conducted by Indian Institute of Science, Bangalore (Jul-Oct 2019).
6. Successfully completed 12 week NPTEL-AICTE Faculty Development Program on “Sensors and Actuators”, conducted by Indian Institute of Science,

- Bangalore (Jul-Oct 2019).
7. Successfully completed 12 week NPTEL-AICTE Faculty Development Program on “Integrated circuits, MOSFETs, Op-Amps and their applications” Conducted by Indian Institute of Science Bangalore. With 90% score. (Feb-April 2020).
  8. Successfully completed 12 week NPTEL-AICTE Faculty Development Program on “NBA Accreditation and Teaching-Learning in Engineering (NATE)” Conducted by Indian Institute of Science Bangalore. With 90% score. (Feb-April 2020).
  9. Successfully completed 12 week NPTEL-AICTE Faculty Development Program on “Analog Circuits and systems through SPICE Simulation” Conducted by Indian Institute of Technology Karagpur. With 91% score. (Feb-April 2020).
  10. Delivered Technical talk on “Engineering design for product prototype” and “Analog and digital circuit design and validation using NI Multisim” On 4th and 5th May 2019 at GSIT, Karwar.
  11. Attended 1 day workshop on “Exam reforms” organized by Gopalan college of Engineering and ACITE, new Delhi on 8th June 2019.
  12. Attended 3 days Faculty development program on “Research Funding opportunities and Proposal preparation for academician” Organised by Department of Electronics and Communication Engineering PES Institute of Technology & Management, Shivamogga held on 27-29 April 2019.
  13. Attended one day workshop on “Intellectual Property Rights and Patenting” organized by VTU, Belagavi on 17th September 2018.
  14. Attended 3 day workshop on “Artificial Intelligence and deep learning” organized by School of Computer science, KLE Technological University Hubballi, conducted by leadingindia.ai by Bennett university Greater Noida from 11th to 13th August 2018.
  15. Attended one day international workshop on “Advances in wireless communication” organized by School of Electronics, KLE Technological University, Hubballi on 21st July 2018.
  16. Attended two day workshop on “ Capacity building training program on the Usage of Energy Conservation Building Code (ECBC)-2014” held on 22-23 Jan 2018, at VTU, Belagavi, organised by Bureau of Energy Efficiency (BEE) and Karnataka Renewable Energy Development Ltd (KREDL).
  17. Attended one day workshop on “AICTE Initiatives” held at GIT Belagavi on 29th November 2017.
  18. Delivered two day expert talk on “OBE lesson plan preparation and OBE attainment” at Sanjeevan Engineering and technology Institute Kolhapur on 24 – 25 October 2017.
  19. Attended 5 day workshop on “Electronics System Design, Manufacturing & Testing (ESDMT)” at BMS College of engineering from 27th to 31st July 2015 organized by department of Instrumentation Technology BMSE, Bangalore and Entuple.

20. Attended 3 day faculty development program on “Embedded system design and application using ARM and development tools” organized by department of Instrumentation technology B V B College of Engg& Tech, Hubli on 29th – 31st Aug 2013.
21. Organized and delivered expert talk for two day staff development program (SDP) on “Service and maintenance of basic electronic equipment.” On 16-17August 2013 held at B V B College of Engineering and technology. And also the resource person for the same event.
22. Attended 3 day workshop on “Research Methodologies & Latex” Organized by VTU e- Learning Center, Mysore. Held on 27th -29th July 2013 at Ghousia college of Engineering, Ramanagara.
23. Attended 4 day workshop on “Academic leadership training program” held on 4-7 June 2013 at E-Inn Bangalore, Organized by Shruth and smith Foundation Bangalore.
24. Attended 15 days faculty development program on “Analysis on RLC circuits” organized by department of Electronics and communication Engg, B V B College of Engg& Tech, Hubli, held on 24th July to 5th August 2013.
25. Organizing committee member of National Symposium on Instrumentation (NSI-38) held at B V B college of Engineering and Technology, Hubli in association Instrument society of India, Bangalore held on 24-26 October 2013.
26. Delivered the expert talk on topic “Introduction to sensors and biological sensors” at AICTE sponsored national workshop on “Wireless sensor network”. Organized by B V B College of engineering and Technology, Hubli on 27th Jan to 31st Jan 2010.
27. Attended 5 days’ workshop on “Intensive training program on Industrial Automation”. Held on 28th Jan 2008 - 1st Feb 2008 Jointly organized Prolific systems & Tech PVT LTD and BVB College of Engg and Tech, Hubli, at B V B College of Engg and Tech, Hubli.
28. Undergone 2 days training on “ARM Train the Trainers Programme” during Dec 15-16, 2006, at B V B College of Engineering and Technology, Hubli.
29. Attended 2 days national level seminar on “Medical Imaging and Processing”, during 4th& 5th March 2005, at Dayanand Sagar College of Engineering, Bangalore.
30. Attended 1 day workshop on “Research for Teaching Programme”, during 12th September 2004, at B V B College of Engineering and Technology, Hubli.
31. Attended 3 day workshop on “Creative Teaching”, during 23-25 September 2004, at B V B College of Engineering and Technology, Hubli

Dr. Santosh s Bujari

- [1] Santosh S. Bujari, Saroja V.Siddamal, "A Survey and Theoretical View on Compressive Sensing and Reconstruction", I.J.Image, Graphics, and Signal Processing, 2016, DOI: 10.5815/ijgisp.2016.04.01 MECS Journal

- [2] S. S. Bujari and S. V. Siddamal, "Image Reconstruction Using Compressive Sensing Technique for Hardware Implementation," 2018 International Conference on Electrical, Electronics, Communication, Computer, and Optimization Techniques (ICEECCOT), Mysuru, India, 2018, pp. 1042-1046, doi: 10.1109/ICEECCOT43722.2018.9001308.
- [3] S. S. Bujari and S. V. Siddamal, "Design of Orthogonal Matching Pursuit Architecture based on Compressed Sampling Using FPGA," 2020 3rd International Conference on Intelligent Sustainable Systems (ICISS), 2020, pp. 1450-1456, doi: 10.1109/ICISS49785.2020.9316025.
- [4] S. Bujari, S.V. Siddamal "VLSI Architecture for OMP to Reconstruct Compressive Sensing Image", Advances in Science, Technology and Engineering Systems Journal, vol. 5, no. 5, pp. 1050-1055 (2020).
- [5] Sunil Begumpur, Santosh Bujari, Kiran Kotin, Bhaskar Madar, Shreekantgouda Patil "Automated Queue Management System" Journal of Interdisciplinary Cycle Research, Volume XII, Issue VII, July/2020, ISSN NO: 0022-1945
- [6] Subhas Meti, Sharan Kumar, Santosh Bujari, Rashmi H C, Madhumati G "Development of Segmentation and Classification Algorithm for Brain Tumor Detection Using MR Images and Performance Analysis" International Journal of Future Generation Communication and Networking Vol. 13, No. 4, (2020), pp. 443–448 443 ISSN: 2233-7857 IJFGCN Copyright © 2020 SERSC
- [7] Patent Information: Design Grant Patent, Applied 17<sup>th</sup> August 2022. Title Digital Pad Healthcare. Application Number:369504-001.

#### Ph.D Details

1. Course work completed -2018
2. Comprehensive Viva completed -2019
3. Open Seminar 1 completed -2020
4. Open Seminar 2 completed -2020
5. Colloquium completed -2021
6. Final defense viva completed -2023

#### Dr. Shivanandaswamy Mahapurush

1. **Mr. Shivanandaswamy V. Mahapurush**, Mrs. Prathima Mahapurush, Dr. Priyatamkumar presented the paper on the topic titled, "Design & development of efficient carrier aggregation algorithm for the LTE system under scale able node density to maximizenetwork performance" 3-Day International Virtual Conf. on Recent Trends in Electronics, Telecommunications, Instrumentation Engg.," from 7th to 9th of Dec. 2020 organized by Departments of ECE. Dayanand Sagar College Of Engineering Bangalore-560078, Karnataka, India.
2. **Shivanandaswamy V. Mahapurush** ,Prathima Mahapurush , Priyatam Kumar " **Development of an Efficient Carrier Aggregation Algorithm for the LTE System**

**under Scalable Node Density to Maximize the Network Performance”** Journal of Switching Hub, Volume-5, Issue-3 September-December, 2020.

<https://doi.org/10.46610/JoSH.2020.v05i03.003>

3. **Shivanandaswamy V. Mahapurush**, Prathima Mahapurush, Priyatam Kumar **“LTE: Optimize the Radio Access to Minimize the Delay between the Participating Nodes”** Journal of Telecommunication Study, Volume-6, Issue-1 January-April, 2021.  
<https://doi.org/10.46610/JTS.2021.v06i01.001>
4. **Shivanandaswamy V. Mahapurush**, Prathima Mahapurush, Priyatam Kumar **“Link Scheduling Algorithm to Mitigate Worst-Case Interference Problems for LTE-A”** International Journal of Advanced Trends in Computer Science and Engineering, Volume 10, No.3, May - June 2021. ISSN 2278-3091.  
<https://doi.org/10.30534/ijatcse/2021/481032021>
5. **Patents Filed: Title of the Invention: “ARTIFICIAL INTELLIGENCE IOT BASED WRIST BAND FOR COVID-19 PATIENTS” Application No.:202141003024 (E-2/1126/2021/CHE) Date of filing of Application:22/01/2021**
6. **Patents Publication: Title of the Invention: “ARTIFICIAL INTELLIGENCE IOT BASED WRIST BAND FOR COVID-19 PATIENTS” Application No.:202141003024 (E-2/1126/2021/CHE) Date of Publication: 22/07/2022**

**Earned Ph.D Degree** on the Research Work Title **“Analysis of Carrier Aggregation Technique to Enhance Data Rate and Handover Operation in Long term Evolution-Advanced System “** under the guidance of **Dr. Priyatamkumar, Professor and Head of Department, Dept. of ECE, atBVBCET, Hubli, India ResearchCenter in 24/06/2023.**

Prof. Kiran Kotin

1. Attended FDP on “Analog and Digital Design using CADENCE” from 22<sup>nd</sup> to 24<sup>th</sup> Jan 2019 organized by GSSSIT, Mysore.
2. Attended FDP on “VLSI Digital Circuits & Testing Techniques” from 21<sup>st</sup> to 23<sup>rd</sup> May 2020 organized by Miracle group of institutions.
3. Published paper on “Automated Queue Management System” in Journal of Interdisciplinary Cycle Research (JICR),, July 2020.
4. Attended FDP on “Universal Human Values” from 22<sup>nd</sup> to 26<sup>th</sup> March 2021 organized by AICTE.
5. Attended FDP on “Embedded Systems- An application driven Approach” from 25<sup>th</sup> to 27<sup>th</sup> August 2021 organized by AICTE, ATAL Academy, STMICROELECTRONICS and ARM

Education.

6. Attended FDP on “Advancement in RF, Microwave, Antenna and 5G Applications” from 27<sup>th</sup> to 31<sup>st</sup> March 2023 organized by Atria Institute of Technology, Bangalore.
7. Attended FDP on “Leveraging Paradigms for Augmenting Quality in Teaching Learning and Assessment in Technical Education as per NEP 2020” from 8<sup>th</sup> to 13<sup>th</sup> May 2023 organized by Presidency University, Bangalore.

Prof. Shashidhar P K

#### **FDP Attended**

1. Attended “AI Machine Learning and its Hardware prototyping” on 29<sup>th</sup> and 30<sup>th</sup> July, 2019 organised by VTU, Belagavi. (02 days)
2. Attended “Internet of Things (Certification program “ on July to October, 2019 by NPTEL, IIT, Kharagpur (2 Weeks-13 days).

**2019-2020**

#### **Workshops Attended**

3. Attended Seminar on “ Enduring Trends in Mobile Robotics Present and Future, ” Organized by Chennai Institute of Technology, on 19<sup>th</sup> May 2020.
4. Attended Workshop on “ PRESENT & FUTURE TRENDS IN IoT ” Organized by Department of ECE, Swarnandhra College of Engineering and Technology, Narsapur, Andhra Pradesh, 20<sup>th</sup> May 2020.
5. Attended Workshop on “ IOT based solution to fight Covid -19 ” Organized by Chennai Institute of Technology, on 22<sup>nd</sup> May 2020.
6. Attended Seminar on “ Cloud virtual education system become new normal ” Organized by IEEE young professionals Bangalore, on 24<sup>th</sup> May 2020.
7. Attended Workshop on “ Artificial writing and its opportunities ” Organized by Arjun college of technology, Coimbatore, on 25<sup>th</sup> May 2020.
8. Attended Seminar on “ Data Science & Machine Learning ”, Organized by ECE Department, SKSVMACET Laxmeshwar, on 29<sup>th</sup> May 2020.
9. Attended Workshop on “ The How? The Why ? ” of Transitioning of Data Science, Organized by Cambridge institute, Bangalore, on 30<sup>th</sup> May 2020

#### **10. Papers Published**

1	PROF. SHASHIDHAR P. K. *, PROF. MANJUNATHRADDI BENTUR, CHINNAPPA S. B., ABHILASH D. M., BHEEMAPPA C, VINAYAGOUDA P –“DESIGN OF ALL COLOR LINE FOLLOWER SENSOR WITH AUTO CALIBRATION ABILITY” –IJSRCSEIT, ISSN 2456-3307, VOLUME 6, ISSUE 4, JULY/AUG 2020.
2	PROF MANJUNATHRADDI BENTUR*, PROF. SHASHIDHAR P K, DEEPA CHAKALABBI, PRABHAVATI HOSALLI, SHRIDHAR KUMBAR, KAVYA MEGALGERI- “EDGE BASED ALGORITHM FOR ENCRYPTION AND DECRYPTION TEXT INTO IMAGES”- ISSN 2456-3307, VOLUME 6, ISSUE 3, JUNE 2020.
3	PROF. PRATIMA B KADEKAR, PROF. SHASHIDHAR P K, PROF. SANJAY CHOWDHARY, PROF. MANJUNATHRADDI BENTUR, RAJESHWARI M GADDAD, SHAHIDABEGUM S BELLARY “DUAL AXIS SOLAR TRACKING”- ISSN 2456-3307, VOLUME 6, ISSUE 3, JUNE 2020.
4	PROF. SHASHIDHAR P.K.*, SANJAY V CHOWDHARY, MANJUNATH BENTUR, MANJUNATH NANDAPUR, NINGAPPA HESUR, PRAPHUL NAYAK “IOT ENABLED SMART LIGHTING SYSTEM FOR RURAL AREAS “-IJSRCSEIT, ISSN 2456-3307, VOLUME 6, ISSUE 3, JUNE 2020.

### Webinars Attended

1. Attended a webinar on "Data Science and Machine learning", Organized by SKSVMACET, Lakshmeshwar, on 29th May 2020.
2. Attended a webinar on "Microcontroller and Embedded systems", ISE, BEC, Bagalkot, on 2nd June 2020.
3. Attended a webinar on "Read Quality-Publish Quality-Write Effectively", Organized by Mahatma Gandhi Central University, on 11th June, 2020.
4. Attended a webinar on "Doing Research: Challenges, Dos and Don'ts", Organized by ECE Research Centre under VTU, Belagavi, on 16th June 2020

### Patent Information

5. Registered patent with TITLE OF INVENTION: "A METHOD FOR INFORMATION ON ARRIVAL TIME OF BUSES AT BUS STOP" in the field of Computer Science on 27<sup>th</sup> March 2021. Application No. 202141013781

**2021-2022**

### Papers Published

1	SHASHIDHAR P K, Dr. T C THANUJA, Dr. RAJASHEKAR KUNABEVA "MIDDLE-ORDER CLUSTERING TECHNIQUE-BASED INTEGRATED APPROACH FOR BIOMEDICAL DATA TRANSMISSION OVER MULTIMEDIA IOT (MIOT) NETWORK" <a href="#">Tianjin Daxue Xuebao (Ziran Kexue yu Gongcheng Jishu Ban)/ Journal of Tianjin University Science and Technology, ISSN (Online): 0493-2137, E-Publication: Online Open Access Vol:55 Issue:07:2022, DOI 10.17605/OSF.IO/VK8J7.</a>
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### Attended FDPs

S. No.	Name of the workshop / FDP / Training	No. of Days	Held at	Date
	Prototype Designing and Incubation	06	TTIF, KGF	21 <sup>st</sup> -26 <sup>th</sup> March 2022
	The Role of Technical Institutes in promoting Innovations in Skill Development, Employability and Entrepreneurship	06	DDMCET, Dharwad	15 <sup>th</sup> March 2022

### Webinars Attended

1. Attended Webinar On "Empowering Girls for A Brighter Tomorrow" 24th Jan 2022. organized by department of Computer science and engineering, SKSVMACET, Lakshmeshwar.



2. Attended webinar on “ IPR AND ITS PROTECTION IN INDIA” 10<sup>th</sup> Feb 2022 organized by NIPAM.

### Workshops Attended

1. Attended “Talk on Smart India Hackathon (SIH) 2022 by Dr. Abhay Jere, CIO, MoE's Innovation Cell. 9th Feb 2022 organized by MHRD Innovation Cell.

2022-2023

#### International Conference

.Adaptive RPL routing optimization model for sensitive and Non sensitive multimedia data transmission with MIOT on 20th -21st July 2023 organized by East Point College of Engineering and technology .

#### Attended FDPs

1. Advancement in RF, Microwave, Antenna and 5G Applications organized by Atria college of Engineering on 27th to 31st March 2023.(05 days)

Prof. Manjunathreddy Bentur

#### **FDPs / Trainings / Workshops / Papers**

SI No	Name of training/workshop/Paper	Month-Year/Duration	Organized / Conducted By
1	Wildlife conservation by detection and tracking of animals through image processing	August 2017	International Journal of Application or Innovation in Engineering & Management
2	Multi-Object model free tracker	August 2017	International Journal of Novel Research and Development
3	Implementation of FPGA for Decision Making for IC'S Library	November 2017	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 5, , Citation 2.
4	Coordinators workshop on “Arduino a course in the IOT series”	18th Jan 2020	SKSVMACET Lakshmeshwar
5	Digital Image Processing & its Application ”	24th to 28th July 2018	K.L.E.I.T Hubballi
6	Digital Image Processing”	July-OCT 2019	NPTEL
7	Laboratory Safety Management	23-27th Sep 2019	SKSVMACET Lakshmeshwar
8	EDGE Based Algorithm for Encryption and Decryption Text into	May-June 2020	International Journal of Scientific Research in Computer Science,

	Images.		Engineering and Information Technology.
9	Design and Implementation of FIR Filter using Pipelined Distributed Arithmetic	May 2020.	International Journal Of Futures Research And Development, Vol. 1, Issue 1,
10	“Artificial intelligence”	24th-29th may 2020	Chalapathi institute of technology and Brain O Vision solution India pvt . Ltd.
11	FDP on Electronics and Data science	1st-6th June 2020	M Ballari
12	FDP on “Recent Challenges in Power Systems”	22-26th June 2020	S.V. COLLEGE OF ENGINEERING Andhra Pradesh.
13	FDP on “PYTHON”	22nd-5th July 2020	J.S.S Academy of Technical Education Noida.
14	“Cyber Security &Blockchain Technology”	3rd –5th july 2020	SKSVMACET Lakshmeshwar
15	FDP on "NBA and NAAC Accreditation Process"	4th- 8th June 2020.	MS Ramaiah Institute of Technology, Bengaluru
16	“ARDUINO”	1st-6th June	KINGS Engineering College, Irungattukottai, Chennai-602 117
17	Environmental Sustainability & Green Energy	June - 3rd July 2020/ 5 days	Dept. Electrical Engg. GWCET, Nagpur
18	Thematical Perspectives On Computational Science And Engineering	30 July 2020/ 5 days	Department of Mathematics, Ramaiah Institute of Technology B'lore-54
19	Text & its Applications for Researchers	24 July 2020/ 5 Days	Jyavardhaka College of Engg. Mysore
20	Local Axis Solar Tracking	July 2020.	The International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol. 6, Issue 3
21	IoT Enabled Smart Lighting System for Rural Areas	July 2020.	The International Journal Of Scientific Research In Computer Science, Engineering And Information Technology, Vol. 6, Issue 3,
22	AC RAF & Sustainable Quality Assessment	In October 2021	SS CBSCA Chinchwad Pune
23	“Current Era- A Technology driven Digital Transformation in Industry 4.0”	30/8/2021 to 04/09/2021	SJBIT Bengaluru
24	“AtmaNirbhar Bharat - Challenges and Opportunities”,	23rd May 2022 to 25th May 2022	SKSVMACET Lakshmeshwar
25	“MATLAB AND SIMULINK basics for hardware projects”	1st August 2022 to 05th August 2022)	SKSVMACET Lakshmeshwar

Prof. Amarappa Pagi

1. Participated in 2 Days workshop on "ARM CORTEX M3 MICROCONTROLLER",organized by Smt. Kamala and Sri Venkappa M Agadi college of Engineering, Lakshmeshwar,on 5th and 6th January 2018.
2. Attended two days workshop on "MATLAB/SIMULINK withReal Time Applications " organized by Navodaya Institute of Technology,Raichur on 16th and 17th February 2018.
3. Completed 12 Weeks online NPTEL Course on " Digital circuits " from Jul-Oct 2018.
4. Participated in 3 days workshop on " App Development-with mobile sensor",organized by Chase Technologies,Tamilnadu,19th August to 21st August 2019.
5. Attended one day workshop on " E-Simulator" organized by Jain College of Engineering,
6. Belagavi, on 21st September 2019.
7. Attended one week workshop on "Laboratory Safety Management" organized by Smt. Kamala and Sri Venkappa M Agadi college of Engineering, Lakshmeshwar, 23rd to 27th September 2019.
8. Completed 12 Weeks online NPTEL Course on " Microprocessors and Microcontrollers " from Jan-Apr 2020.
9. Participated in the one week FDP on "Financial Accounting Using Tally.ERP9"Smt. Kamala and Sri Venkappa M Agadi college of Engineering, Lakshmeshwar,13th Jan to 18th Jan 2020.
10. Attended 3 days workshop on "ARM Cortex M4-F Based on Tiva La.unchpad",organized by Edgate Technologie pvt Ltd Bangalore,from 28th to 30th April 2020
11. Attended one day workshop on "Aurduino IDE TINKERCAD Simulator"Arjun college of Technology,Tamilnadu on 29th May 2020.
12. Attended Online FDP on "Emerging technologies in IT Industry",organized by Jain College of Engineering, Belagavi,28th May to 30th May 2020.
13. Participated in FDP on " Recent trends in wireless sensor networks and communication systems ",organized by VSM's institute of technology, Nipani 03<sup>rd</sup> June to 5<sup>th</sup> June 2020.
14. Participated in Virtual FDP on "Recent trends in information and Technology",Smt. Kamala and Sri Venkappa M Agadi college of Engineering, Lakshmeshwar,from 10th June to 12th June 2020.
15. Attended three days workshop on " DevOps "organized by Smt. Kamala and Sri Venkappa M Agadi college of Engineering, Lakshmeshwar, on 11<sup>th</sup> June to 13<sup>th</sup> June 2020.
16. Participated in Online FDP on " Recent advances in Automation and Networking ",organized by Basaveshwar Engineering College, Bagalkot,from 18th June to 20th June 2020.
17. Participated in One week FDP on "Online National Level FDP on "PCB Design",Vidya vikas institute of engineering and technology, Mysuru.,29th June to 3rd July 2020.
18. Participated in the one week FDP on "Emerging Trends"organized by BIT Institute of technology,Hindupur,from 22nd July to 26th July 2020.
19. Participated in One week FDP on " Recent trends and Challenges in Computing industries",organized by SLN College of Engineering, Raichur,from 27th to 31st July 2020.
20. Attended 5 days FDP on "IoT protocols and WSN Theory and Practice "Bangalore institute of Technology, Bengaluru,from 17th to 21st August 2020.
21. Participated in One week FDP on Online FDP on " Concept,Methods,Challenges and Future directions in medical image analysis using machine learning.,SJCE, Mysuru,10th to 14th August 2020 Under Tequip Phase-III.
22. Participated in the one week FDP on " Recent Advances in photonics

- Technology",organized by Vidyavaridhaka college of engineering,Mysuru,from 7th to 11th September 2020.
23. Attended 3 days workshop on " Design and Simulation of Wireless communication Systems",organized by Bangalore institute of Technology,Bengaluru. 1st July to 3rd July,2021.
  24. Attended " Online FDP on Current Era-A technology driven digital transformation in Industry 4.0",organized by SJBIT,Bengaluru.From 30th Aug to 9th September 2021.
  25. Participated in One weekFDP on“An overview of teaching techniques in basics of Electronics and Communication Engineering”VTU human resource development centre (VTU-HRDC) centre for PG studies ,VIAT,Muddenahalli,13<sup>th</sup> to 17<sup>th</sup> December 2021.
  26. Participated in the AICTE organized FDP on “Atma Nirbhar Bharat - Challenges and Opportunities”,SKSVMACET Lakshmeshwar,One week 23<sup>rd</sup> May 2022 to 25<sup>th</sup> May 2022.
  27. Participated in the AICTE organized FDP on FDP on “MATLAB AND SIMULINK basics for hardware projects”,SKSVMACET Lakshmeshwar,One week (1<sup>st</sup> August 2022 to 05<sup>th</sup> August 2022).
  28. Participated in Online FDP on “ Machine-Learning-In-Practice”,Organized by DepartmentOf IT,Lakireddy Bali reddy college of engineering,Andhrapradesh, on 19<sup>th</sup> June 2023 to 24<sup>th</sup> June 2023.
  29. Participated in the National level FDP on “Emerging trends in signal processing, Image Processing and Artificial Intelligence”,organized by department of ECE,SJM Institute of Technology,Chitradurga on 12<sup>th</sup> September to 16<sup>th</sup> September 2023.
  30. Attended five day online FDP on “ Artificial intelligence and Machine learning for computer vision and Image analysis applications ” organized by Dept of ECE NIT Warangal Ballari Institute of Technology & Mangagement, Ballari in association with Centre for Training and Learning during 3rd October 2023 to 7th October 2023.
  31. Participated in 10 Hrs national FDP on “ Block Chain Technology ” organized by Ramrao Adik Institute of Technology- D.Y Patil Deemed to be University, Bishop Heber college and SR University in Collaboration with ExcelR Edtech Pvt.Ltd from 8<sup>th</sup> Jan to 12<sup>th</sup> Jan 2024.