

## FACULTY PROFILE

1. Name : P. C. SRIKANTH

2. Date of Birth : 22.04.1966

3. Highest Qualifications : M.Tech, Ph.D

4. Academic Performance :



Qualifications	Board / IIT / University	Institute and place where studied	Year of passing	Class / % marks
B.E.	Mysore University	Maland College of Engineering, Hassan	1987	FCD/70.00
M.Tech.	IIT	IIT, Kanpur	1996	7.62/10(CGPA)
Ph.D	VTU, Belgaum	In IISc Photonics lab	2011	

5. Date of Joining : 17.11.1988

6. Status as on date of Joining : Lecturer

7. Salary as on date of Joining : Rs. 700.00 (Basic) + Allowance

8. Present Status : Professor & Head, Dean(Planning & Development)

9. Salary as on date : Rs. 3,27,300.00

### 10. Achievements since date of joining:

FD	R&D /CS	No. of Publication	Teaching Award	Books / Monograph	Conference Seminars conducted	Extra curricular activities	Invited Talks	Admin.
53	3	141	17	1	54	13	198	100

### Faculty Development

- ISTE Short term course on “Digital communication through satellites” Held at MCE, Hassan, During July5, 1993 to July 17, 1993.
- ISTE Short term course on “Instrumentation, control & Guidance” held at MCE, Hassan, During March 4-16,1996
- AICTE short term course on “Embedded Controllers and Applications” held at IISc, Bangalore, During 7-18 October, 1996.
- AICTE short-term course on “Computer aided design of microwave and millimeter wave integrated circuit components” held at TCE, Madurai, and during 12.3.97-22.3.97.

- ISTE short term course on “Non-conventional energy sources” held at PES, Mandya, during 20/07/98-25/07/98.
- ISTE short-term course on “Operation and maintenance of industrial instrumentation systems” held at SJCE, Mysore during September 14-26, 1998.
- ISTE Short term course on “Robotics for industrial applications” held at MCE, Hassan, during March 15-27, 1999.
- Short term training program on Feel teacher held at MCE, Hassan, during 27<sup>th</sup> - 31<sup>st</sup> August 2005.
- Symposium on Trends in pattern recognition held at MCE, Hassan, on 22<sup>nd</sup> April 2006
- One day workshop on modernizing the teaching of Microwaves using MICs held at SJCE, Mysore on 6<sup>th</sup> October, 2006.
- Workshop on advances in wireless networks and security held at MIT, Manipal, during 29-30 march 2007.
- Workshop on student evaluation methods in autonomous institution during 9<sup>th</sup> – 10<sup>th</sup> Feb. 2007 held at MCE, Hassan.
- Workshop on challenges in PhD and M.Sc (Engg.) Research at engineering colleges on 26<sup>th</sup> Feb. 2008 held at MCE, Hassan.
- Workshop on wireless and optical networks conducted on 30<sup>th</sup> May 2009 at IISc Bangalore.
- Workshop on Human values in technology and management conducted on 30<sup>th</sup> August 2009 at central college campus ,Bangalore.
- Tutorial on Fiber optic tutorial with experimental demonstration conducted on 4<sup>th</sup> September 2009 at IISc Bangalore.
- Workshop on Mind Ur Mind on 23<sup>rd</sup> March. 2013 held at Southern Star, Hassan organized by MCE, Hassan.
- Workshop on Vision and on 6<sup>th</sup> May. 2013 held at Southern Star, Hassan organized by MCE, Hassan
- Workshop on Deriving program educational objectives/program outcomes/course outcomes/assessments for NBA self assessment report during 11<sup>th</sup> and 13<sup>th</sup> July. 2013 held at MCE Hassan, organized by MCE, Hassan
- Workshop on Conceptualization of an Integrated Positioning and Time Synchronization for GPS/INS using VHDL/FPGA Tools For Marine Applications on 13<sup>th</sup> Sept. 2013 held at Oxford College of Engineering, Bangalore.
- Work shop on Micro-Nano Technology conducted on 26<sup>th</sup> April 2014 at IISc Bangalore.
- Training programme on SAR preparation for e-NBA process on 28<sup>th</sup> May. 2014 held at MCE, ,Hassan.
- One week Faculty Development Programme on Analytical and Numerical Techniques in Applied Mathematics and Engineering held during 28<sup>th</sup> July and 2<sup>nd</sup> August . 2014 held at MCE Hassan, organized by Dept. of Maths, MCE, Hassan

- Work shop on Outcome based education conducted on 6<sup>th</sup> Jan 2015 at BMSCE Bangalore
- International conference on Transformations in Engineering Education ICTIEE-2015 during 6<sup>th</sup> and 8<sup>th</sup> Jan 2015 at BMSCE Bangalore
- Workshop on Administrative Training Programme held during 16<sup>th</sup> and 21<sup>st</sup> November. 2015 at MCE ,Hassan.
- IEEE Workshop on Recent Advances in Photonics 2015, held during 16<sup>th</sup> and 17<sup>th</sup> December 2015 at IISC Bangalore.
- International Conference on Photonics (Photonics-2016), during 4<sup>th</sup> & 8<sup>th</sup> December , 2016, Organized by IIT,Kanpur,India
- Work shop on Recent Advances in Optical Communication and Networks conducted on 29<sup>th</sup> May 2017 at Karnataka State Higher Education Council (KSHEC),Palace Road, Bangalore
- IEEE Work shop on Recent Advances on Photonics (WRAP-2017) conducted during 18<sup>th</sup> -19<sup>th</sup> December 2017 at Mahindra Ecole Centrale, Hyderabad, India.
- Work shop on Virtual Labs Under the National Mission on Education through ICT(MHRD , Govt. of India ) during 5<sup>th</sup> and 6<sup>th</sup> April 2018 conducted by Dayananda Sagar University, Bangalore
- TEQIP Sponsored Workshop on Professional and Academic Quality in Engineering Courses on 23<sup>rd</sup> April. 2018 held at Malnad College of Engineering , Hassan .
- One week Faculty Development Programme on Recent MEMS & MOEMS held during 30<sup>th</sup> April and 04<sup>th</sup> May . 2018 at MCE Hassan Under TEQIP III in association with IEEE Photonic society Bangalore Chapter, organized by Dept. of E&C, MCE, Hassan
- One week Faculty Development Programme on Recent Developments in Solar &Wind Energy System for On/Off Grid Application held during 9<sup>th</sup> and 13<sup>th</sup> July . 2018 at MCE Hassan Under TEQIP III, organized by Dept. of E&E, MCE, Hassan
- Summer School in Optics and Photonics held during 25<sup>th</sup> and 28<sup>th</sup> July . 2018 , at IISc Bangalore, Organized ECE Department, IISc Bangalore.
- Workshop on IEEE Smart Tech 2018,held during 3<sup>rd</sup> and 4<sup>th</sup> Aug 2018 at Sterlings Mac Hotel Bangalore, Organized by IEEE Bangalore Section.
- Swayam course on Leadership completed during 27Aug 2018-23Sept 2018.
- Training on Disaster Management and CPR, held on 14<sup>th</sup> October 2018 at UVCE Bangalore, Organized by IEEE Bangalore Section.
- Workshop on IEEE Future Directions in Technology & The Sixth Wave of Innovation ,held during 23<sup>rd</sup> October 2018 at ,ECE Dept. IISc ,Bangalore, Organized by IEEE –HKN Student Branch, IISc ,Bangalore .
- One week Faculty Development Programme on Recent Advances in Communication & Photonics held during 8<sup>th</sup> and 12<sup>th</sup> July . 2019 at Veer Bahadur Singh Purvanchal University (Uma Nath Singh Institute of Engineering and Technology) Jaunpur , Uttar Pradesh Under TEQIP III, organized by Dept. of E&C, VBSPU(UNSIET) Jaunpur , UP.

- Workshop on IEEE Tech Day-2 and Branch Counselor Meet-2 held on 24th August 2019 at Maharaja Institute of Technology, Mysore Organized by IEEE –Bangalore Section ,Bangalore .
- IEEE Region 10 Sponsored Conference Organizers Workshop(COEW) organized by IEEE Bangalore Section at Sterling Mac Hotel ,Bangalore on 19th October 2019.
- IEEE Work shop on Recent Advances on Photonics (WRAP-2019) conducted during 13<sup>th</sup> -14<sup>th</sup> December 2019 at IIT Guwahati, Assam, India.
- International Conference on Lasers and Electro-optics (CLEO-20) conducted during 11<sup>th</sup> -15<sup>th</sup> May 2020,Co Sponsored by American Physical Society(APS) ,Laser Science Division, IEEE Photonic Society and Optical Society of America (OSA) at USA.
- One day National Webinar on Artificial Intelligence and Emerging Technologies held on 18<sup>th</sup> May 2020,Organised by Department of Computer Science and IQAC, Government First Grade College, Vijayanagar , Bangalore,India.
- IEEE Webinar Series by Women Leaders, held during 25<sup>th</sup> and 29<sup>th</sup> May 2020,Organised by IEEE Bangalore Section, Bangalore, India.
- Webinar Series on Telemedicine, IOT and Nanoscience held during 10<sup>th</sup> and 12<sup>th</sup> June 2020,Organised. by GSSSIETW IEEE Student Branch , Mysore in association with IEEE Bangalore Section, Bangalore.
- Webinar Century of Quantum Mechanics and Still Going Strong held during 15<sup>th</sup> and 17<sup>th</sup> June 2020, Jointly Organized by Applied Physics Department , Faculty of Technology and Engineering , The Maharaja Sayajirao University of Baroda (MSUB) , Gujarat Science Academy(GSA),Indian Physics Association (IPA),Baroda ,Baroda Chapter and Indian Association of Physics Teachers(IAPT-RC7) in association with National Academy of Sciences India(NASI) Delhi Chapter, India.
- International Webinar on Health and Fitness in Post COVID Status held on 31<sup>st</sup> October 2020,Organised by Department of Physical Education and IQAC, Government First Grade College, Vijayanagar , Bangalore,India.
- International conference on Recent Trends in Computer Science and Electronics RTCSE-2021 during 5<sup>th</sup> and 7<sup>th</sup> Jan 2021 at University of Hawaii, USA.
- Five days FDP on Innovative Teaching And Research in Science: Exploring The New Horizons, during 10th & 15th June , 2021, Organized by Science Forum in Association with IQAC, Government First Grade College,Vijayanagar, Karnataka
- Five days FDP on Recent Trends in Photonics , during 14th & 19th June , 2021, Organized by Dept. of ECE , Oxford College Engineering ,Bangalore , India.

- Seminar on photonics conducted on behalf of International Day of Light, from Indian Institute of Science, Bangalore on 14th May 2022 under applied photonics initiative.

### **Conference/ Seminars conducted**

Coordinator for

- One day symposium sponsored by TEQIP on Broadband Communication, April 15<sup>th</sup> 2006 for Engineers and scientists
- Two day workshop on “Practical aspects of broadband and mobile communication” Conducted during May 22-23 2009, Sponsored by IEEE Bangalore section
- One day IEEE colloquium on “Optical fibers and applications” Conducted on 23 – 10 – 2009 at M.C.E, Hassan, Sponsored by IEEE Bangalore section
- Two day “IEEE annual Technical event 2009” Conducted during 13<sup>th</sup> & 14<sup>th</sup> Nov 2009 at M.C.E, Hassan, Sponsored by IEEE Bangalore section
- One day Work shop on” circuit building using PCB” during 27<sup>th</sup> March 2011, Sponsored by IEEE Bangalore section.
- One day Work shop on” Microcontrollers” during 9th October 2011, Sponsored by IEEE Bangalore section.
- Two day “IEEE annual Technical event 2010” Conducted during 13th & 14th Nov 2010 at M.C.E, Hassan, Sponsored by IEEE Bangalore section.
- Two day “IEEE annual Technical event 2011” Conducted during 13th & 14th Nov 2011 at M.C.E, Hassan, Sponsored by IEEE Bangalore section.
- Two day “IEEE annual Technical event Explore 2012” Conducted during 22nd & 23th sept. 2012 at M.C.E, Hassan, Sponsored by IEEE Bangalore section
- Two day Work shop on” Network Simulator-QUALNET” during 13th & 14th March 2013, Sponsored by IEEE Bangalore section.
- Two day Work shop on” Network Simulator-Net Sim ” during 2<sup>nd</sup> & 3<sup>rd</sup> March 2013, Sponsored by IEEE Bangalore section.
- One day Work shop on” Optical fiber splicing and measurements” during 19<sup>th</sup> April, 2013, Sponsored by IEEE Bangalore section and BSNL Hassan.
- Two day Work shop on “Recent advances in mechatronics engineering and its applications ” during 30<sup>th</sup> & 31<sup>st</sup> May 2013, Sponsored by TEQIP II.
- Two day Work shop on “Emerging trends in Optical Communication & Optical Engineering ” during 3<sup>rd</sup> & 4<sup>st</sup> June 2013, Sponsored by TEQIP II.
- Two day Work shop on” Robotics and communication” during 28<sup>th</sup> & 29<sup>th</sup> April 2014, Sponsored by IEEE Bangalore section.
- One week Faculty Development on Recent Technological Innovations in Optical Engineering (14<sup>TH</sup> TO 18<sup>TH</sup> JULY, 2014) , Sponsored by TEQIP-II and technically cosponsored by IEEE Photonic society (USA),Karnataka section. Conducted at MCE,Hassan.

- One day Work shop on “ India’s achievement in space technology and social development in technical education” on 16<sup>th</sup> October , 2014, Sponsored by Malnad College of Engineering ,Hassan.
- One day Work shop on “Hands-on experience on ANSYS HFSS EM Simulator" Conducted on 21st Oct 2014.
- Two Days Workshop on "UAV and Quad copter Design” Conducted on 15th &16th Nov 2014.
- Two Days workshop on “Introduction To NETSIM” conducted on 20<sup>th</sup> and 21<sup>st</sup> Feb 2015.
- Two Days workshop on “Recent Trends in Antenna Research and Communication Technology” Sponsored by TEQIP-II on 6<sup>th</sup> and 7<sup>th</sup> April 2015.
- One day Work shop on “ Ethical Hacking ” on 8<sup>th</sup> Nov 2015, Conducted by IEEE MCE Student branch,Sponsored by IEEE Bangalore section.
- IEEE workshop on "Biological Sciences " by Dr. Raul H.Marin and Dr.Raquel M.Gleiser on 18/11/2015 conducted by IEEE MCE Student Branch.
- IEEE workshop on "Recent advances on Antennas " by Dr. Koushik Datta , Nethaji Subhash Engineering College, Kolkata on 18/02/2016 conducted by IEEE MCE Student Branch.
- IEEE workshop on "Recent advances in Internet of Things " by Parag Chatterjee, Ballsbridge University, Argentina on 21/03/2016 conducted by IEEE MCE Student Branch.
- IEEE workshop on "High speed optical networks " by Sanjay,SDE,BSNL,Hassan, on 12/05/2016 conducted by IEEE MCE Student Branch.
- IEEE workshop on "Glimpses of Indian Spacecraft Technology " by B.K.Venkataramu, Dr.Satheesh Dhavan Scientist, ISRO, Bangalore on 06/10/2016 conducted by IEEE MCE Student Branch.
- IEEE workshop on "MissileTechnology " by Dr.Varaprasad,Former Director,RCI,Hyderabad on 28/10/2016 conducted by IEEE MCE Student Branch.
- One day Work shop on “MOEMS and Applications ” during 18<sup>th</sup> March 2017, Sponsored by TEQIP II.
- One day Work shop on “High Speed Optical Networks” on 21<sup>st</sup> March 2017, Sponsored by TEQIP II.
- One day Work shop on” Nano Photonics” on 7<sup>th</sup> September 2018, At Mahendra Engineering College, Salem ,Tamilnadu, Sponsored by IEEE Bangalore section
- IEEE Day 2018 on 12/10/2018 conducted by IEEE MCE Student Branch.
- IEEE workshop on “Recent Innovative Technologies in Communication” Sponsored by TEQIP-III on 13th October 2018.
- Two days workshop on “Next Generation Optical Communication Systems ” Sponsored by TEQIP-III ,and technical sponsored by IEEE Photonic society, Bangalore Chapter during 12<sup>th</sup> &13<sup>th</sup> November 2018 at MCE Hassan.

- One week Faculty Development on Recent Advances in Photonics (3rd to 8th Dec, 2018) , Sponsored by TEQIP-III and technically cosponsored by IEEE Photonic society (USA),India Chapter. Conducted at Jorhat Engineering College,Jorhat, Assam, A Twinning program with MCE ,Hassan.
- IEEE One Day Hands-on Workshop and Talk on "OFC Systems and Measurements" Sponsored by IEEE Bangalore Section conducted by IEEE MCE Student Branch on 30th April 2019 at MCE Hassan.
- One week Faculty Development Programme on Recent Advances in Communication & Photonics , Sponsored by TEQIP –III and technically cosponsored by IEEE Photonic Society(USA) , India Chapter ,held during 8th and 12th July . 2019 at Veer Bahadur Singh Purvanchal University (Uma Nath Singh Institute of Engineering and Technology) Jaunpur , Uttar Pradesh, organized by Dept. of E&C, VBSPU(UNSIET) Jaunpur , UP.
- Three days “Hands- on Training on Photonic Sensor Simulation Tools” Sponsored by TEQIP-III ,and technical Co-sponsored by IEEE Photonic society, Bangalore Chapter during 3<sup>rd</sup> & 5<sup>th</sup> October 2019 at MCE Hassan.
- International Webinar on Photonics for India: Opportunities and Challenges ,By Dr Naresh Chand, Associate Vice President of Chapter Relations ,IEEE Photonic Society,USA, held on 16<sup>th</sup> May 2020,Organised by Department of E&C, Malnad College of Engineering, Hassan, In association with IEEE MCE Joint Photonics and COMSOC Chapter and IEEE Photonic Initiative India.
- National Webinar on Narrow Linewidth Fiber Amplifiers for Coherent Beam Combination, By Dr Balaji Srinivas,Professor,Department of Electrical Engineering, IIT Madras held on 29<sup>th</sup> May 2020,Organised by Department of E&C, Malnad College of Engineering, Hassan, In association with IEEE MCE Joint Photonics and COMSOC Chapter, IEEE Photonic Society Calcutta University Student Chapter and IEEE Photonic Initiative India.
- International Webinar on Artificial Intelligence in Healthcare, By Prof.Parag Chatterjee Researcher at National Technological University, Buenos Aires, Argentina, Assistant Professor at Department of Biological Engineering, University of the Republic, URUGUAY on 30<sup>th</sup> May 2020,Organised by Department of E&C, Malnad College of Engineering, Hassan, In association with IEEE MCE Joint Photonics and COMSOC Chapter, and IEEE Photonic Initiative India
- International Webinar on Purify a Survey : Reliability and Construct Validity, By Dr.Said El Hajjar, Professor College of Arts , Science and Education, University in Lebanon(Formerly with Alia University Bahrain ) on 26<sup>th</sup> June 2020,Organised by Department of E&C, Malnad College of Engineering, Hassan, In association with IEEE MCE Student Branch, Hassan
- One week Faculty Development Programme on Recent Advances in Photonics , Technology . Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India , held during 7th and 11th September , 2020 at Vidyavardhaka College of Engineering organized by Dept. of E&C, VVCE, Mysore, India.

- IEEE three days webinar on Quantum Concepts and Applications(With Hands on) ,By D R Vijayakumar , Govt. Polytechnic, Belur , held during 11th and 13th January 2021, Jointly organised by IEEE MCE Student Branch and IEEE Bangalore Section, Bangalore, India.
- IEEE Webinar on IEEE Benefits and IEEE Funding for Projects ,By Dr Sujatha ,Professor ,BMS College of Engineering Bangalore , held on 17th April 2021, Jointly organized by IEEE MCE Student Branch and IEEE Bangalore Section, Bangalore, India.
- IEEE Webinar on Mode Locked Fiber Lasers ,By Dr Niloy K Dutta ,Professor ,University of Connecticut, USA , held on 22nd May 2021, Jointly organized by IEEE MCE Photonic Society Student Chapter and IEEE Photonics Society Chapter Calcutta University, In association with IEEE Prakash Bharati India .
- IEEE Webinar on Compensation of Impairments in Fiber Optic Systems ,By Dr Shiv Kumar ,Professor ,Mc Master University , Canada , held on 24nd May 2021, Jointly organized by IEEE MCE Photonic Society Student Chapter and IEEE Photonics Society Chapter Calcutta University, In association with IEEE Prakash Bharati India .
- IEEE Webinar on “Introduction to Photonics”,( In Kannada)By Dr. Gopalakrishna Hegde, Professor , IISc Bangalore , held on 28th May 2021, Organized by IEEE MCE Photonic Society Student Chapter , In association with IEEE Prakash Bharati India .
- IEEE Webinar on “Resonant cavity based optical modulators/switches using electro absorption effect” ,By Dr Sooraj Ravindran,,Professor , IIST Trivandram., held on 4nd June 2021, Organised by IEEE MCE Photonic Society Student Chapter , In association with IEEE Prakash Bharati India .
- IEEE Webinar on “Possible Carrier Pathways for Engineering Graduates” held on 19th June 2021, Organised by IEEE MCE Student Branch , In association with IEEE Bangalore Section and IEEE Mysore Subsection.
- One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 28th May 2022 at E&C Department , Malnad college of engineering Hassan.
- Organized placement preparation Program on 2<sup>nd</sup> & 4<sup>th</sup> September 2022 in collaboration with Abhyuday IIT Bombay ,to spread placement education in India.
- IEEE Webinar on Optical nonlinearity of semiconductor amplifier and their application ,By Dr Niloy K Dutta ,Professor ,University of Connecticut, USA , held on 19<sup>th</sup> June 2023, Jointly organized by IEEE MCE Photonic Society Student Chapter , In association with IEEE Prakash Bharati India .
- IEEE Hands on Workshop on Photonics and Quantum Mechanics , held on 19<sup>th</sup> June 2023, Jointly organized by IEEE MCE Photonic Society Student Chapter and E&C Department ,Malnad College of Engineering,Hassan,Karnataka .



- Organised IEEE MysuruCon-2023-3<sup>rd</sup> edition of IEEE Mysore Subsection Flagship international conference on Enabling Technologies for smart city on 1<sup>st</sup> Dec 2023, Malnad college of Engineering,2023.

### **Invited talks**

- Optoelectronic Devices and their applications, Short Term Course on “Industrial Electronics ” During 5<sup>th</sup> and 14<sup>th</sup> August 1996 , Conducted by E&C Dept. MCE, Hassan, Sponsored by Director of Technical Education, Government of Karnataka.
- Current trends in photonics at Karnataka University, Dharwad on 12<sup>th</sup> Jan 2012 .
- Optical WDM networks at Karnataka University, Dharwad on 30<sup>th</sup> March 2013
- Recent trends in optical communication and optical networks, at MCE,Hassan on 3<sup>rd</sup> June 2013 .
- Survivability issues in WDM optical networks, at MCE,Hassan on 4<sup>th</sup> June 2013.
- Fiber optics based LASER application in Medicine on 7<sup>th</sup> June 2013 at The Oxford college of engineering ,Bangalore
- Recent advances in Optical Fiber Communication and Networks on 5<sup>th</sup> Sept. 2013 at BIET , Davangere.
- Biomedical Applications of LASER on 21<sup>st</sup> Sept. 2013 at Kuvempu University Shimoga.
- Recent trends in Bio Photonics(Key note address) on 4<sup>th</sup> April 2014 at AIT, Chikmagalore
- Survivability issues in WDM optical networks(Key note address- International Conference on Emerging Trends in Engineering and Technology) on 6<sup>th</sup> April 2014 at Bangalore
- LASERS in Medicine(Key note address- International Conference on Electronics, Communication ,Computer Science and Information Technology ) on 27<sup>th</sup> April 2014 at Bangalore
- Optical Communication (Key note address- International Conference on Emerging Trends in Engineering and Technology) on 18<sup>th</sup> May 2014 at Bangalore.
- Application of LASER (Key note address- International Conference on Emerging Trends in Engineering Technology) on 8<sup>th</sup> June 2014 at Bangalore.
- Recent Advances in Laser Technology (Key note address- International Conference on Emerging Trends in Engineering Technology) on 22<sup>nd</sup> June 2014 at Bangalore
- Medical Applications of LASER on 17<sup>st</sup> July. 2014 ,FDP on Recent Technological Innovations in Optical Engineering conducted by E&C Dept. MCE, Hassan .

- Survivability issues in optical WDM networks on 17<sup>st</sup> July. 2014 ,FDP on Recent Technological Innovations in Optical Engineering conducted by E&C Dept. MCE, Hassan
- Application of LASERS in Medicine on 9<sup>th</sup> September . 2014 , Short Term Training Program On Photonics, Optical Communication Systems and Networks ( 8-10, September, 2014) Organized by: Department of E&C Engineering & Department of Physics, National Institute of Technology Surathkal , Karnataka.
- Survivability Issues in Optical Networks on 9<sup>th</sup> September . 2014 , Short Term Training Program On Photonics, Optical Communication Systems and Networks ( 8-10, September, 2014)Organized by: Department of E&C Engineering & Department of Physics, National Institute of Technology , Surathkal ,Karnataka
- Optical Networks on 20<sup>th</sup> September . 2014 , Workshop on Optical Communication Systems and Networks ,Organized by: Department of E&C Engineering & Department of Electrical and Electronics, BMSIT, Bangalore
- Recent Advances in Optical Networks on 24<sup>th</sup> Nov 2014 at SJMIT, Chitradurga.
- Fault tolerant optical networks on 11<sup>th</sup> Feb. 2015 at VVIT , Mysore.
- Key note address on Nano Photonics on 2<sup>nd</sup> March . 2015 , Short Term Training Program On Embedded Systems & RTOS ( 2-13, March , 2015)Organized by: Department of E&C Engineering Govt. Polytechnic for Women,Hassan, Karnataka.
- High Performance Survivable Optical Networks on 27<sup>th</sup> April . 2015 , Workshop on Recent Advances in Optical Technology Organized by: Department of Electronics, PG, Center Hema Gangothri, University of Mysore, Hassan.
- Quantum Electronics (Key note address- International Conference on Emerging Trends in Engineering and Technology) on 10<sup>th</sup> May 2015 at Bangalore
- Nano Photonics (Key note address- International Conference on Emerging Trends in Engineering and Technology) on 17<sup>th</sup> May 2015 at Bangalore
- Nano-Photonics on 28<sup>th</sup> May 2015 at Proudhadavaraya Institute of Technology ,Hospet
- LASERS and It's Applications (Key note address- International Conference on Emerging Trends in Engineering and Technology) on 7<sup>th</sup> June2015 at Bangalore
- Medical Applications of Nano-Photonics (Key note address- International Conference on Emerging Trends in Engineering and Technology) on 9<sup>th</sup> Aug 2015 at Bangalore.
- Recent advances in Optical Networks on 18<sup>th</sup> Aug. 2015 at GEC , Kushalnagar.

- Research avenues in Photonics and Quantum Electronics on 29<sup>th</sup> Aug. 2015 ,IEEE Workshop on Recent Topics in Photonics conducted by GSSSIT Mysore and IEEE Photonics society Bangalore.
- Survivability Issues in Optical Networks on 30<sup>th</sup> Oct 2015 at SJBIT, Bangalore.
- Optical Networks on 5<sup>th</sup> Nov . 2015 , Technical Fest,E-Manthana, IEEE National Level Technical Paper Presentation ,Organized by: Department of E&C Engineering, AIT, Chikmagalore.
- Recent Advances in Optical Networks on 7<sup>th</sup> Nov . 2015 , Workshop on Nano - Photonics,Organized by: Department of E&C Engineering, VVIET, Mysuru.
- Nano Photonics on 5<sup>th</sup> December 2015 at KVG College of Engineering , Sullia.
- Optical Networks on 30<sup>th</sup> January 2016 at Alva's Institute of Engineering and Technology , Moodbidri, Dakshina Kannada.
- Photonic band gap crystals and its applications on 30<sup>th</sup> January 2016 at Alva's Institute of Engineering and Technology , Moodbidri, Dakshina Kannada.
- Quantum dots and its application in quantum computing on 30<sup>th</sup> January 2016 at Alva's Institute of Engineering and Technology , Moodbidri, Dakshina Kannada.
- Recent Advances in Optical Networks on 4<sup>th</sup> March . 2016 , Workshop on Recent Advances in Quantum and Optical Engineering ,Organized by: Dept. of E&C, DMI College of engineering ,Palanchur, Kancheepuram, Tamilnadu
- Recent Advances in Quantum Photonics on 4<sup>th</sup> March . 2016 , Workshop on Recent Advances in Quantum and Optical Engineering ,Organized by: Dept. of E&C, DMI College of engineering ,Palanchur,Kancheepuram, Tamilnadu.
- Recent Advances in Photonic Band gap Crystals on 4<sup>th</sup> March . 2016 , Workshop on Recent Advances in Quantum and Optical Engineering ,Organized by: Dept. of E&C, DMI College of engineering ,Palanchur,Kancheepuram, Tamilnadu.
- Recent advances in LASER Technology on 19<sup>th</sup> March . 2016 , Workshop on Nanophotonis ,Organized by: Dept. of E&C, Annamacharaya college of Technology and Sciences, Venkatapuram(Village), Renigunta(Mandal) Chittoor District ,Andra Pradesh.
- Quantum Electronics on 19<sup>th</sup> March . 2016 , Workshop on Nanophotonis ,Organized by: Dept. of E&C, Annamacharaya college of Technology and Sciences, ,Venkatapuram(Village), Renigunta(Mandal) Chittoor District ,Andra Pradesh.
- Photonic Band Gap Crystals on 19<sup>th</sup> March . 2016 , Workshop on Nanophotonis ,Organized by: Dept. of E&C, Annamacharaya college of Technology and Sciences, Venkatapuram(Village), Renigunta(Mandal) Chittoor District ,Andra Pradesh.
- Key note address on Recent Advances Optical Networks on 18<sup>th</sup> March . 2016, at International Conference On Internet Things & Applications for Smart

City-2k16 (ICIOTAS-16), Organized by: Dept. of E&C, Annamacharya college of Technology and Sciences, Venkatapuram (Village), Renigunta (Mandal) Chittoor District, Andhra Pradesh.

- Quantum Photonics (Key note address- International Conference on Advances in Engineering, Science and Technology) on 17<sup>th</sup> April 2016 at Bangalore.
- Survivable Optical Networks on 21<sup>st</sup> April 2016, IEEE Sponsored National Workshop on Micro/Nano Devices, Circuits and Systems, Organized by: Dept. of E&C, School of Engineering and Technology, Jain University Bangalore.
- Medical Applications of LASER on 7<sup>th</sup> May 2016, IEEE Sponsored National Workshop on MOEMS, Quantum Photonics and Optical Networks, Organized by: Dept. of E&C, Proudhavevaraya Institute of Technology, Hospet
- Optical Communications on 7<sup>th</sup> May 2016, IEEE Sponsored National Workshop on MOEMS, Quantum Photonics and Optical Networks, Organized by: Dept. of E&C, Proudhavevaraya Institute of Technology, Hospet
- Free Space Optics on 7<sup>th</sup> May 2016, IEEE Sponsored National Workshop on MOEMS, Quantum Photonics and Optical Networks, Organized by: Dept. of E&C, Proudhavevaraya Institute of Technology, Hospet
- Key note address on “Survivable Optical Networks” on 18<sup>th</sup> & 19<sup>th</sup> May . 2016, at International Conference On Signal Processing, Communication and Computational Research (ICCSPCR-2016), Organized by Dept. of E&C, Vidya Vikas Institute of Engineering and Technology, Mysore, India
- Key note address on “High Speed Optical Networks” on 06<sup>th</sup> & 07<sup>th</sup> June . 2016, at International Conference On Applied Science Engineering and Technology (ICASET-2016), Organized by Sai Ram College of Engineering and Technology, Anekal, Bangalore, India
- Invited to give a talk on Biosensors at BIOMATSEN 2016 conducted by Gebze University, Istanbul, Turkey during 1<sup>st</sup> and 3<sup>rd</sup> June 2016.
- Key note address on “High Speed Optical Networks” on 18<sup>th</sup> & 19<sup>th</sup> August . 2016, at International Conference On Research Challenges in Engineering and Technology (ICRCET-2016), Organized by Siddharth Institute of Engineering and Technology, Puttur, Chittoor District, Andhra Pradesh.
- Photonic Band Gap Crystals on 16<sup>th</sup> September . 2016, Seminar on Nanophotonics, Organized by: Dept. of E&C, Bhahubali College of Engineering and IEEE Photonic society, Bangalore Chapter, Shravanabelagola, Hassan.
- Quantum Dots on 16<sup>th</sup> September . 2016, Seminar on Nanophotonics, Organized by: Dept. of E&C, Bhahubali College of Engineering, and IEEE Photonic society, Bangalore Chapter, Shravanabelagola, Hassan.
- LASERS on 16<sup>th</sup> September . 2016, Seminar on Nanophotonics, Organized by: Dept. of E&C, Bhahubali College of Engineering, and IEEE Photonic society, Bangalore Chapter, Shravanabelagola, Hassan.

- Key note address on “Photonic Bandgap Crystals” on 18<sup>th</sup> & 19<sup>th</sup> October . 2016, at 2<sup>nd</sup> International Conference On Applied Science Engineering and Technology (ICASET-2016), Organized by Sweatha Institute of Technology and Science, Tirupati, Andra Pradesh, India.
- Quantum Computing on 19<sup>th</sup> October . 2016 , Workshop on Nanophotonis ,Organized by: Dept. of E&C, Sweatha Institute of Technology and Science, Tirupati, Andra Pradesh, India.
- Medical Applications of LASERS on 19<sup>th</sup> October . 2016 , Workshop on Nanophotonis ,Organized by: Dept. of E&C, Sweatha Institute of Technology and Science, Tirupati, Andra Pradesh, India.
- High Speed Optical Networks on 19<sup>th</sup> October . 2016 , Workshop on Nanophotonis ,Organized by: Dept. of E&C, Sweatha Institute of Technology and Science, Tirupati, Andra Pradesh, India.
- Key note address on “Nano Photonics” on 10<sup>th</sup> & 11<sup>th</sup> November , 2016, at International Conference on Chip, Circuitry, Current, Coding, Combustion and Composites(i7C-2016), Organized by Sai Ram College of Engineering and Technology, Anekal, Bangalore, India
- Lab-on-Chip based Optical Biosensor for the application of dental fluorosis, on 4<sup>th</sup> & 8<sup>th</sup> December , 2016, at International Conference on Photonics (Photonics-2016), Organized by IIT,Kanpur,India
- Key note address on “Photonic Bandgap Crystals ” on 15<sup>th</sup> & 16<sup>th</sup> December , 2016, at International Conference on Technological Innovations in Engineering(ICTIE-2016), Organized by MIT Polytechnic, Pune, Maharashtra, India
- Optical Networks on 16<sup>th</sup> December. 2016 , Technical Symposium on Nano Technology ,Organized by: Dept. of E&TC MIT Polytechnic, Pune, Maharashtra, India
- Quantum Computing on 16<sup>th</sup> December. 2016 , Technical Symposium on Nano Technology ,Organized by: Dept. of E&TC MIT Polytechnic, Pune, Maharashtra, India
- LASERS on 16<sup>th</sup> December. 2016 , Technical Symposium on Nano Technology ,Organized by: Dept. of E&TC MIT Polytechnic, Pune, Maharashtra, India
- Key note address on “Nano Bio Sensors ” during 23<sup>th</sup> & 24<sup>th</sup> Feb , 2017, at International Conference on Recent Challenges in Engineering Technology (ICRCE-2017),Organized by Sharad Institute of Technology college of engineering , Yadrav , Ichalkaranji ,Maharashtra, India
- Plasmonics on 23<sup>rd</sup> Feb. 2017 , Technical Workshop on Nano Technology ,Organized by: Dept. of E&C Sharad Institute of Technology college of engineering , Yadrav , Ichalkaranji ,Maharashtra, India
- Optical Computing on 23<sup>rd</sup> Feb. 2017 , Technical Workshop on Nano Technology ,Organized by: Dept. of E&C Sharad Institute of Technology college of engineering , Yadrav , Ichalkaranji ,Maharashtra, India
- LASERS in Medicine on 23<sup>rd</sup> Feb. 2017 , Technical Workshop on Nano Technology ,Organized by: Dept. of E&C Sharad Institute of Technology college of engineering , Yadrav , Ichalkaranji ,Maharashtra, India

- Micro fluidics on 23<sup>rd</sup> Feb. 2017 , Technical Workshop on Nano Technology ,Organized by: Dept. of E&C Sharad Institute of Technology college of engineering , Yadrav , Ichalkaranji ,Maharashtra, India
- Design & Development of a simple sensors on 18<sup>th</sup> March. 2017 , One day Work shop on “MOEMS and Applications ” , conducted by E&C Dept. MCE, Hassan,(Sponsored by TEQIP II).
- Introduction to Optical Networks on 21<sup>st</sup> March. 2017 , One day Work shop on “High Speed Optical Networks” , conducted by E&C Dept. MCE, Hassan,(Sponsored by TEQIP II).
- OFDM Systems on 21<sup>st</sup> March. 2017 , One day Work shop on “High Speed Optical Networks” , conducted by E&C Dept. MCE, Hassan,(Sponsored by TEQIP II).
- Keynote on Photonic Bandgap Crystal sensors and it's application at IEEE CYBERIA 17 conducted on 1st April 2017 at JSS Science and Technology University, Mysore, India.
- High Speed Optical Networks on 25<sup>th</sup> April,. 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , NDRK Institute of Technology, Hassan, Karnataka, India.
- Surface Plasmon Resonance on 25<sup>th</sup> April,. 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , NDRK Institute of Technology, Hassan, Karnataka, India.
- Photonic Bandgap Crystals on 25<sup>th</sup> April,. 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , NDRK Institute of Technology, Hassan, Karnataka, India.
- Quantum Computing on 25<sup>th</sup> April,. 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , NDRK Institute of Technology, Hassan, Karnataka, India.
- High Speed Optical Networks on 3<sup>rd</sup> May 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , Siddaganga Institute of Technology, Tumkur, Karnataka, India.
- Surface Plasmon Resonance on 3<sup>rd</sup> May 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , Siddaganga Institute of Technology, Tumkur, Karnataka, India.
- Photonic Bandgap Crystals on 3<sup>rd</sup> May 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , Siddaganga Institute of Technology, Tumkur, Karnataka, India.
- Optical Computing on 3<sup>rd</sup> May 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , Siddaganga Institute of Technology, Tumkur, Karnataka, India.
- On “Photonic Crystals and its Applications ” during 12<sup>th</sup> May , 2017, at International Conference on Emerging Trends in Engineering (ICETE-2017),Organized by NMAM Institute of Technology, Nitte, Udupi District, Karnataka, India.
- Role of Optical Networks on 29<sup>th</sup> May 2017 workshop on Recent Advances in Optical Communication and Networks conducted by Karnataka State Higher Education Council (KSHEC),Palace Road, Bangalore

- Key note address on “High Speed Optical Networks ” on 2<sup>nd</sup> June , 2017, at International Conference on Current Research on Embedded , Information and Computer Technologies (ICEICT-2017), Organized by R R Institute of Technology , Bangalore, India.
- Bio Sensors on 3<sup>rd</sup> June, 2017 , Workshop on Optical Engineering ,Organized by: Dept. of E&C , R R Institute of Technology , Bangalore, India.
- Quantum Communication on 3<sup>rd</sup> June, 2017 , Workshop on Optical Engineering ,Organized by: Dept. of E&C , R R Institute of Technology , Bangalore, India.
- Quantum Computing on 3<sup>rd</sup> June, 2017 , Workshop on Optical Engineering ,Organized by: Dept. of E&C , R R Institute of Technology , Bangalore, India.
- Nano Photonics on 3<sup>rd</sup> June, 2017 , Workshop on Optical Engineering ,Organized by: Dept. of E&C , R R Institute of Technology , Bangalore, India.
- Key note address on “Nano Bio Sensors ” during 22<sup>th</sup> & 23<sup>th</sup> June , 2017, at International Conference on Wearable Technologies (ICOWT-2017),Organized by Dayanand Sagar University , School of Engineering ,Bangalore , India.
- Key note address on “Biosensors for IOT Applications” on 21<sup>st</sup> July . 2017, at International Conference on Internet of Things for Future Smart Cities (ICIOTSC-2017),Organized by Geethanjali Institute of Science and Technology, Nellore District ,Andra Pradesh.
- Photonic Bandgap Crystals on 22<sup>nd</sup> July . 2017 , Workshop on Nanotechnology ,Organized by: Geethanjali Institute of Science and Technology, Nellore District ,Andra Pradesh.
- Surface Plasmon Resonance on 22<sup>nd</sup> July . 2017 , Workshop on Nanotechnology ,Organized by: Geethanjali Institute of Science and Technology, Nellore District ,Andra Pradesh.
- High Speed Optical Networks on 22<sup>nd</sup> July. 2017, Workshop on Nanotechnology, Organized by: Geethanjali Institute of Science and Technology, Nellore District, Andra Pradesh.
- Quantum Computing on 22<sup>nd</sup> July. 2017, Workshop on Nanotechnology, Organized by: Geethanjali Institute of Science and Technology, Nellore District ,Andra Pradesh.
- Key note address on “Nano Bio Sensors ” on 14<sup>th</sup> December , 2017, at International Conference on Recent Advancements in Information Technology, Science and Engineering (ICRAITSE-2017), Organized by APC Mahalaxmi College for Women, Tuticorin, Tamilnadu, India.
- Optical Computing on 15<sup>th</sup> February. 2018, Workshop on Nano Photonics, Organized by: Balaji Institute of Technology and Science, Narsampet, Warangal, India.

- High Speed Optical Networks on 15th February. 2018, Workshop on Nano Photonics, Organized by: Balaji Institute of Technology and Science, Narsampet, Warangal, India.
- Medical Application of LASER on 15th February. 2018, Workshop on Nano Photonics, Organized by: Balaji Institute of Technology and Science, Narsampet, Warangal, India.
- Surface Plasmon Resonance on 15th February. 2018 , Workshop on Nano Photonics ,Organized by: Balaji Institute of Technology and Science, Narsampet, Warangal, India
- Key note address on “Photonic Bandgap Crystals ” during 16<sup>th</sup> & 17th Feb , 2018, at International Conference on Emerging Trends in Engineering, Science and Technologies(ICETEST-18) Organized by Balaji Institute of Technology and Science , Narsampet, Warangal, India .
- Key note address on “Photonic Bandgap Crystals ” on 16th March , 2018, at International Conference on Applied Science Engineering and Technology (ICASET-2018), Organized by Sengunthar College of Engineering, Tirchengode, Tamilnadu, India.
- Medical Application of LASER on 17th March. 2018, Workshop on Nano Photonics, Organized by: Sengunthar College of Engineering, Tirchengode, Tamilnadu, India.
- Optical Computing on 17th March. 2018, Workshop on Nano Photonics, Organized by: Sengunthar College of Engineering, Tirchengode, Tamilnadu, India.
- High Speed Optical Networks on 17th March. 2018, Workshop on Nano Photonics, Organized by: Sengunthar College of Engineering, Tirchengode, Tamilnadu, India.
- Surface Plasmon Resonance on 17th March. 2018, Workshop on Nano Photonics, Organized by: Sengunthar College of Engineering, Tirchengode, Tamilnadu, India.
- Key note address on “Photonic Bandgap Crystals ” on 7th April , 2018, at IDEEAS, Organized by IEEE SIT Student Branch, Siddaganga Institute of Technology, Tumkur, India.
- Optical Communication on 7th September. 2018, Workshop on Nano Photonics, Organized by: Mahendra Engineering College , Salem , Tamilnadu, India.
- Quantum Communication on 7th September. 2018, Workshop on Nano Photonics, Organized by: Mahendra Engineering College , Salem , Tamilnadu, India.
- Quantum Cellular Automata on 7th September. 2018, Workshop on Nano Photonics, Organized by: Mahendra Engineering College , Salem , Tamilnadu, India.
- Photonic Bandgap Crystals on 7th September. 2018, Workshop on Nano Photonics, Organized by: Mahendra Engineering College , Salem , Tamilnadu, India.



- Quantum Computing on 12th October, IEEE Day 2018, Organized by: IEEE MCE Student Branch ,Malnad College of engineering, Hassan. , Karnataka, India.
- LASERS on 12th October, IEEE Day 2018, Organized by: IEEE MCE Student Branch ,Malnad College of Engineering, Hassan. , Karnataka, India.
- Nano Photonics on 12th October, IEEE Day 2018, Organized by: IEEE MCE Student Branch ,Malnad College of engineering, Hassan. , Karnataka, India.
- Optical Networks on 12th October, IEEE Day 2018, Organized by: IEEE MCE Student Branch ,Malnad College of engineering, Hassan. , Karnataka, India.
- Key note address on “Nano-Biosensors” on 29<sup>th</sup> November , 2018, at International Conference on Emerging Trends on Engineering Science , Technology and Management (ICETESTM-2018), Organized by Aditya Institute of Technology and Management, Tekkali, Srikakulam , Andra Pradesh, India.
- Quantum Computing on 29<sup>th</sup> Nov. 2018, Workshop on Photonics, Organized by: Aditya Institute of Technology and Management, Tekkali, Srikakulam, Andra Pradesh, India.
- Quantum Communication on 29<sup>th</sup> Nov. 2018, Workshop on Photonics, Organized by: Aditya Institute of Technology and Management, Tekkali, Srikakulam, Andra Pradesh, India.
- Optical Fiber Communication on 29<sup>th</sup> Nov. 2018, Workshop on Photonics, Organized by: Aditya Institute of Technology and Management, Tekkali, Srikakulam, Andra Pradesh, India.
- Photonic Band Gap Crystals on 29<sup>th</sup> Nov. 2018, Workshop on Photonics, Organized by: Aditya Institute of Technology and Management, Tekkali, Srikakulam, Andra Pradesh, India.
- Medical Applications of LASER during 3rd and 8th December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- Survivability Issues in Optical Networks during 3rd and 8th December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- NanoSensors during 3rd and 8th December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- Quantum Cellular Automata during 3rd and 8th December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- Quantum Communication during 3rd and 8th December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- Quantum Communication on 8th March. 2019, Workshop on Nano Photonics, Organized by: PG Center Hemangothri . University of Mysore ,Hassan, India.

- Quantum Computing on 8th March. 2019, Workshop on Nano Photonics, Organized by: PG Center Hemanganthri . University of Mysore ,Hassan, India.
- Nano Photonic Sensors on 8th March. 2019, Workshop on Nano Photonics, Organized by: PG Center Hemanganthri . University of Mysore ,Hassan, India.
- Optical Fiber Communication on 8th March. 2019, Workshop on Nano Photonics, Organized by: PG Center Hemanganthri . University of Mysore ,Hassan, India.
- Survivable Optical Networks 8th March. 2019, Workshop on Nano Photonics, Organized by: PG Center Hemanganthri . University of Mysore ,Hassan, India.
- Key note address on “Nano-Biosensors” on 4th April , 2019, at International Conference on Green Technologies for Power Generation Communication & Instrumentation (ICGPC' 19), Organized by St.Peters Institute of Higher Education & Research , Avadi ,Chennai, India.
- Medical Applications of LASER during 8th and 12th July. 2019 ,FDP on Recent Advances in Communication and Photonics conducted by E&C Dept. ,Veer Bahadur Singh Purvanchal University(Uma Nath Singh Institute of Engineering and Technology). Jaunpur , Uttar Pradesh.
- Survivable Optical Networks during 8th and 12th July. 2019 ,FDP on Recent Advances in Communication and Photonics conducted by E&C Dept. ,Veer Bahadur Singh Purvanchal University(Uma Nath Singh Institute of Engineering and Technology). Jaunpur , Uttar Pradesh.
- Quantum Communication during 8th and 12th July. 2019 ,FDP on Recent Advances in Communication and Photonics conducted by E&C Dept. ,Veer Bahadur Singh Purvanchal University(Uma Nath Singh Institute of Engineering and Technology). Jaunpur , Uttar Pradesh.
- Photonic Sensors during 8th and 12th July. 2019 ,FDP on Recent Advances in Communication and Photonics conducted by E&C Dept. ,Veer Bahadur Singh Purvanchal University(Uma Nath Singh Institute of Engineering and Technology). Jaunpur , Uttar Pradesh.
- Quantum cellular automata during 8th and 12th July. 2019 ,FDP on Recent Advances in Communication and Photonics conducted by E&C Dept. ,Veer Bahadur Singh Purvanchal University(Uma Nath Singh Institute of Engineering and Technology). Jaunpur , Uttar Pradesh.
- Key note address on “Photonic Sensors using PBG Devices” during 10-11 January ,2020, at International Conference on Recent Trends in Electrical, Electronics and Computer Science Engineering (ICEECS-2020), Organized by Uma Nath Singh(UNS) Institute of Engineering and Technology,Veer Bahadur Singh (VBS) Purvanchal University, Jaunpur ,U.P, India.
- Quantum cellular automata on 26<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India .
- Surface Plasmon Resonance Sensors on 26<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India .

- Fiber Optic Communication on 26<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India .
- Quantum Communication on 26<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India.
- Nano-Photonic Sensors on 26<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India
- Key note address on “Photonic Sensors using PBG Devices” during 27-28 Feb ,2020, at International Conference on Recent Trends in Multi Disciplinary Research(ICRTMR-2020), A.P.C. Mahalaxmi College for Women ,Thoothukudi ,Tamil Nadu,India
- Quantum cellular automata on 28<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by A.P.C. Mahalaxmi College for Women ,Thoothukudi ,Tamil Nadu,India
- Surface Plasmon Resonance Sensors on 28<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by A.P.C. Mahalaxmi College for Women ,Thoothukudi ,Tamil Nadu,India
- Fiber Optic Communication on 28<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by A.P.C. Mahalaxmi College for Women ,Thoothukudi ,Tamil Nadu,India
- Quantum Communication on 28<sup>th</sup> Feb. 2020 , Workshop on Recent Advances in Photonics conducted by A.P.C. Mahalaxmi College for Women ,Thoothukudi ,Tamil Nadu,India
- Quantum cellular automata on 13<sup>h</sup> March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh ,Punjab ,India .
- Surface Plasmon Resonance Sensors on 13<sup>h</sup> March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .
- Fiber Optic Communication on 13<sup>h</sup> March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .
- Quantum Communication on 13<sup>h</sup> March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .
- Nano-Photonic Sensors on 13<sup>h</sup> March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab , India .
- Photonic Bio-Sensors on 21<sup>st</sup> June. 2020 , Five days International Webinar Series on Applications of Ayurveda ,Medicine and Technology to Combat COVID-19 Organized by Government First Grade College ,Vijayanagar , Department of Collegiate Education, Government of Karnataka, Bangalore.

- Survivable Optical Networks on 1<sup>st</sup> July. 2020 , Three days online FDP on Recent Trends in Photonics , Organized by Dayanand Sagar University Bangalore.
- Free-space Optical Communication (FSO) on 9<sup>th</sup> September 2020, One week Faculty Development Programme on Recent Advances in Photonics , Technology . Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India , held during 7<sup>th</sup> and 11<sup>th</sup> September , 2020 at Vidyavardhaka College of Engineering organized by Dept. of E&C, VVCE, Mysore, India.
- Optical Fiber Communication on 9<sup>th</sup> September 2020, One week Faculty Development Programme on Recent Advances in Photonics , Technology . Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India , held during 7<sup>th</sup> and 11<sup>th</sup> September , 2020 at Vidyavardhaka College of Engineering organized by Dept. of E&C, VVCE, Mysore, India.
- Survivable Optical Networks on 9<sup>th</sup> September 2020, One week Faculty Development Programme on Recent Advances in Photonics , Technology . Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India , held during 7<sup>th</sup> and 11<sup>th</sup> September , 2020 at Vidyavardhaka College of Engineering organized by Dept. of E&C, VVCE, Mysore, India.
- Nano Photonics Sensors on 9<sup>th</sup> September 2020, One week Faculty Development Programme on Recent Advances in Photonics , Technology . Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India , held during 7<sup>th</sup> and 11<sup>th</sup> September , 2020 at Vidyavardhaka College of Engineering organized by Dept. of E&C, VVCE, Mysore, India.
- Photonics Sensors on 3<sup>rd</sup> November 2020, One week Faculty Development Programme on Recent Advances in Photonics and Communication, sponsored by AICTE Training and Learning Program(ATAL) , held during 2<sup>nd</sup> and 6<sup>th</sup> November , 2020 at Guru Jambheshwar University of Science and Technology organized by Dept. of Physics, Hisar,Harayana, India.
- Green Photonics on 15<sup>th</sup> December 2020, Two week Short Term Training Programme(STTP) on Creating the smart and green society through advance technology of green energy , sponsored by AICTE Training and Learning Program(ATAL) , held during 10<sup>th</sup> and 22<sup>nd</sup> December , 2020 at Malnad College of engineering organized by Dept. of Mechanical Engineering,MCE, Hassan, India.
- Photonic Sensors on 1<sup>st</sup> January. 2021 , Webinar on Photonic Sensors Organized by Department of Electronics and Communication Engineering, Malnad college of Engineering, Hassan, Karnataka , India sponsored by IEEE MCE Student branch and IEEE MCE Joint Photonic and comsoc Chapter
- Quantum Communications ,Three days “Hands- on Training on Quantum Concepts and Applications” held during 11<sup>th</sup> and 13<sup>th</sup> January , 2021, Sponsored by by IEEE MCE Student Branch, MCE, Hassan.

- Key note address on “Nano Photonic Sensors ” during 3rd & 4th May , 2021, at National Conference Recent Trends In Engineering (NCRTE-2021), Organized by Dayanand Sagar University , School of Engineering ,Bangalore , India.
- Survivable Optical Networks on 10th June. 2021 , International Webinar on Advances in Communication – Research Perspective Organized Indian Institute of Science, Bangalore.
- Quantum Concepts and Applications during 14th & 19th June , 2021, FDP on Recent Trends in Photonics ,Organized by Dept. of ECE , Oxford College Engineering ,Bangalore , India.
- Key note address on “Quantum Concepts and Application” on 26<sup>th</sup> & 27<sup>th</sup> August . 2021, at International Conference On Science, Engineering and Management (ICSEM-2021), Organized by Faculty of Psychology, University of Pancasila , Indonesia.
- Quantum Concepts and Applications during 15th & 19th November , 2021, FDP on Photonics ,Organized by Dept. of Physics , Global Academy of Technology ,Bangalore , India.
- Quantum Concepts and its Applications on 30<sup>th</sup> November 2021, One week Faculty Development Programme on Quantum and Photonics, sponsored by AICTE Training and Learning Program(ATAL) , held during 29<sup>th</sup> November and 3<sup>rd</sup> December , 2021 at Malnad College of Engineering organized by Dept. of E&C, Hassan,Karnataka, India.
- Quantum Concepts and Applications during 3<sup>rd</sup> & 5<sup>th</sup> March 2022, “3 Days Workshop on Advances in Photonics, Quantum and Nanotechnology”, Organized by Dept. of ECE ,in association with IEEE Photonics Society Bangalore chapter , Presidency University ,Bangalore , India.
- Quantum Machine Learning ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 28<sup>th</sup> May 2022 at E&C Department , Malnad college of engineering Hassan.
- Medical application of LASER , ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 28<sup>th</sup> May 2022 at E&C Department , Malnad college of engineering Hassan.
- Photonic Bandgap Sensors ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 28<sup>th</sup> May 2022 at E&C Department , Malnad college of engineering Hassan.
- Surface Plasmon Resonance Sensors ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department

,Malnad college of Engineering in association with IEEE MCE Student Branch held on 28<sup>th</sup> May 2022 at E&C Department , Malnad college of engineering Hassan.

- Optical Networks ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 28<sup>th</sup> May 2022 at E&C Department , Malnad college of engineering Hassan.
- Quantum Dots ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 28<sup>th</sup> May 2022 at E&C Department , Malnad college of engineering Hassan.
- Photonic Bandgap Crystal Sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, K R Pet , Mandya , Karnataka on 27<sup>th</sup> June 2022.
- Surface Plasmon Resonance Sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, K R Pet , Mandya , Karnataka on 27<sup>th</sup> June 2022.
- FBG Sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, K R Pet , Mandya , Karnataka on 27<sup>th</sup> June 2022.
- Optical Fiber Communication ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, K R Pet , Mandya , Karnataka on 27<sup>th</sup> June 2022.
- Quantum Cellular Automata ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, K R Pet , Mandya , Karnataka on 27<sup>th</sup> June 2022.
- Photonic Bandgap Crystal Sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, Hassan , Karnataka on 16<sup>th</sup> July 2022(On the occasion of inauguration of E& C students association ).
- Quantum Concepts and its Applications ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, Hassan , Karnataka on 16<sup>th</sup> July 2022(On the occasion of inauguration of E& C students association ).
- Quantum Machine Learning ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 20<sup>th</sup> December 2022 at E&C Department , Malnad college of engineering Hassan.

- Medical application of LASER , ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 20<sup>th</sup> December 2022 at E&C Department , Malnad college of engineering Hassan.
- Photonic Bandgap Sensors ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 20<sup>th</sup> December 2022 at E&C Department , Malnad college of engineering Hassan.
- Surface Plasmon Resonance Sensors ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 20<sup>th</sup> December 2022 at E&C Department , Malnad college of engineering Hassan.
- Optical Networks ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 20<sup>th</sup> December 2022 at E&C Department , Malnad college of engineering Hassan.
- Quantum Dots ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 20<sup>th</sup> December 2022 at E&C Department , Malnad college of engineering Hassan.
- Optical Networks, Hands on Workshop on Photonics and Quantum Mechanics , Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 19<sup>th</sup> June 2023 at E&C Department , Malnad college of engineering Hassan.
- Quantum Dots, Hands on Workshop on Photonics and Quantum Mechanics , Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 19<sup>th</sup> June 2023 at E&C Department , Malnad college of engineering Hassan.
- Photonic Bandgap Crystal Sensors, Hands on Workshop on Photonics and Quantum Mechanics , Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 19<sup>th</sup> June 2023 at E&C Department , Malnad college of engineering Hassan.

- Quantum Concepts and its Applications, Hands on Workshop on Photonics and Quantum Mechanics , Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 19<sup>th</sup> June 2023 at E&C Department , Malnad college of engineering Hassan.
- Surface Plasmon Resonance Sensors, Hands on Workshop on Photonics and Quantum Mechanics , Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 19<sup>th</sup> June 2023 at E&C Department , Malnad college of engineering Hassan.
- Optical Fiber Communication ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department in association with IEEE SIT Student Branch, Siddaganga Institute of Technology, Tumkur, India on 24<sup>th</sup> June 2023.
- Photonic Bandgap Crystal Sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department in association with IEEE SIT Student Branch, Siddaganga Institute of Technology, Tumkur, India on 24<sup>th</sup> June 2023.
- Surface Plasmon sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department in association with IEEE SIT Student Branch, Siddaganga Institute of Technology, Tumkur, India on 24<sup>th</sup> June 2023.
- Lasers and its Applications ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department in association with IEEE SIT Student Branch, Siddaganga Institute of Technology, Tumkur, India on 24<sup>th</sup> June 2023.
- Quantum Concepts and its Applications ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department in association with IEEE SIT Student Branch, Siddaganga Institute of Technology, Tumkur, India on 24<sup>th</sup> June 2023.
- Key note on Nano Technology , invited by global Congress on Materials Science and Nanotechnology(GCMSN) from August03-05 2023 in London,UK.

### **Awards**

- Best project award for “Thyristor controlled VAR compensator for power factor improvement” By KSCST, held during 11-12, March 1988.
- Best project award for ”Modulation and demodulation of AM FM signals on a single carrier using energy operators” By KSCST, Held during 04-05, December 1998, at MIT Manipal.
- Best project award for “Real time AFM demodulation using DESA”, Held at PES, Mandya, during 2001.



- Selected for **Marquis Who's Who in Science and Engineering 2011-2012** (11<sup>th</sup> Edition) New Providence, NJ 07974,USA
- Selected as **TOP 100 ENGINEERS-2011** by International Biographical Centre, St Thomas' Place,ELY,CB7 4GG Great Britain.
- Elevated as Senior Member IEEE during July 2013
- Best paper award for the paper titled “Modeling of Photonic Crystal Ring Resonator Temperature Sensor” at International Conference on Electronics, Communication, Computer Science and Information Technology held on 27<sup>th</sup> April 2014 at Bangalore.
- Best paper award for the paper titled “ A Novel Quantum Dot Automata Based Design For Multiplexers” at International Conference on Emerging Trends in Engineering and Technology (ICET-2015) held on 7<sup>th</sup> June 2015 at Bangalore
- Selected for **Marquis Who's Who in Science and Engineering 2016-2017** (12<sup>th</sup> Edition) New Providence, NJ 07974,USA
- Best paper award for the paper titled “Detection of Fluoride Contaminated Water in Dental Applications” at International Conference on Emerging Trends in Engineering and Technology (ICET-2015) held on 9<sup>th</sup> Aug 2015 at Bangalore
- Awarded as **Outstanding Scientist** in the field of Photonics , by Venus International foundation CARD , on 19<sup>th</sup> Dec 2015 .
- Awarded for **OUTSTANDING ENGINEERING ACHIEVEMENT-2017** by International Biographical Centre, St Thomas' Place,ELY,CB7 4GG Great Britain.
- Selected for Marquis **Who's Who in Science and Engineering 2017-2018** New Providence, NJ 07974,USA
- Selected for 2018 **Albert Nelson Marquis Lifetime Achievement Award** by Marquis **Who's Who in Science and Engineering** New Providence, NJ 07974,USA
- Awarded as IETE Distinguished Member by Institution of Electronics and Telecommunication Engineers(IETE),Mysuru on 6th November 2021.
- Best paper award for the paper titled “ Pressure Sensing using a Two-Dimensional Photonic crystal Sensor” at International Conference Recent Developments in Electronics and Communication Systems held on 22<sup>nd</sup> and 23<sup>rd</sup> July 2022 Organized by Department of Electronics and Communication Engineering, Aditya Engineering College , Surampalem East-Godavari District, Andhra Pradesh, INDIA
- Dr T S Indumathi Award : Conferred on 8<sup>th</sup> January 2022 at IEEE Annual General Body Meeting held at Reva University for outstanding contribution as a Volunteer in the field of Photonics for the competence in the field with abundant Knowledge of Photonics.

## **Administrative Activities**

- E&C association convener During, 1992,.1999,2000,2001,2002.
- HAM 's club convener during 1992,1993,1997,1998.
- Member of antiragging committee 2002,2003,2004,2005,2006.
- Squad for VTU,Exams
- Deputy Chief:VTU,Exams at KVG Sulya
- External Examiner M.Sc. (Electronics) University of Mysore.
- Member BOE PG Center University of Mysore
- Member Advisory committee for "International Journal of Mathematical Sciences and Engineering Applications", (IJMSEA).
- Reviewer for many international journals and international conference papers
- Branch counselor for IEEE MCE Student branch from 2008
- Department coordinator for TEQIP
- College examination coordinator
- Department coordinator for NBA
- Faculty advisor
- Chairman T&PC International conference on optical engineering 2012(ICOE2012), conducted during 26<sup>th</sup> -28<sup>th</sup> July at VTU Belgaum. Conducted by VTU Belgaum, Technically sponsored by IEEE Photonic society
- Secretary ,IEEE Photonic society(USA) From Jan 2012-2016, Bangalore chapter.
- HOD E& C Department since 1st January 2013
- Member staff selection committee AIT Chikamagalore
- Member Technical committee International conference on emerging trends in communication, control, signal processing and computing applications 2013(C<sup>2</sup> SPCA 2013) to be conducted during 10<sup>th</sup> -11<sup>th</sup> October 2013 at Bangalore .Conducted by Oxford college of engineering and Oklahoma state university, USA. Technically sponsored by IEEE Photonic society
- Member staff selection committee MCF(ISRO) Hassan.
- Member VTU LIC committee
- Expert Member staff selection committee MCE Hassan
- Session Chair- International Conference on Emerging Trends in Engineering and Technology) on 6<sup>th</sup> April 2014 at Bangalore
- Session Chair - International Conference on Electronics, Communication ,Computer Science and Information Technology on 27<sup>th</sup> April 2014 at Bangalore

- Session Chair - International Conference on Emerging Trends in Engineering and Technology)on 18<sup>th</sup> May 2014 at Bangalore
- Session Chair - International Conference on Emerging Trends in Engineering Technology on 8<sup>th</sup> June 2014 at Bangalore
- Session Chair - International Conference on Emerging Trends in Engineering Technology on 22nd June 2014 at Bangalore
- Program Chair – One week Faculty Development on Recent Technological Innovations in Optical Engineering (14<sup>TH</sup> TO 18<sup>TH</sup> JULY, 2014) , Sponsored by TEQIP-II and technically cosponsored by IEEE Photonic society (USA),Karnataka section. Conducted at MCE,Hassan.
- Session Chair - International Conference on Current trends in Engineering and Management (ICCTEM-2014) 19<sup>th</sup> July 2014 at VVCE,Mysore
- Session Chair - International Conference on Emerging Trends in Engineering Sciences (ICETES-2015) 25<sup>th</sup> April 2015 at Jain College of Engineering ,Belgaum
- Program Chair - International Conference on Emerging Trends in Engineering and Technology)on 10<sup>th</sup> May 2015 at Bangalore
- Program Chair - International Conference on Emerging Trends in Engineering and Technology)on 17<sup>th</sup> May 2015 at Bangalore
- Member staff selection committee Proudhadavaraya Institute of Technology ,Hospet.
- Program Chair - International Conference on Emerging Trends in Engineering and Technology)on 7<sup>th</sup> June 2015 at Bangalore
- TPC Member for Digital Life
- Program Chair - International Conference on Emerging Trends in Engineering and Technology)on 9<sup>th</sup> Aug 2015 at Bangalore
- TPC Member -50<sup>th</sup> Golden Jubilee Annual Convention on “Digital Life” 2<sup>nd</sup> -5<sup>th</sup> December ,2015, conducted by Computer Society of India at New Delhi
- Session Chair - International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3<sup>rd</sup> and 5<sup>th</sup> March 2016 at Palanchur,Kancheepuram, Tamilnadu, India
- Coordinator - International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3<sup>rd</sup> and 5<sup>th</sup> March 2016 at Palanchur,Kancheepuram, Tamilnadu, India
- Session Chair – International Conference On Internet Things & Applications for Smart City-2k16 (ICIOTAS-16),held on 18<sup>th</sup> and 19<sup>th</sup> March 2016 at Annamacharya college of Technology and Sciences, Venkatapuram(Village), Renigunta(Mandal) Chittoor District ,Andra Pradesh.
- General Co-Chair – International Conference On Internet Things & Applications for Smart City-2k16 (ICIOTAS-16),held on 18<sup>th</sup> and 19<sup>th</sup> March 2016 at Annamacharya college of Technology and Sciences, Venkatapuram(Village), Renigunta(Mandal) Chittoor District ,Andra Pradesh.
- Jury Head for ‘Do It Yourself -2016’ held at JSS Polytechnic for the Differently Abled, Mysore. Approved and Sponsored by DTE, Govt of Karnataka, on 26<sup>th</sup> March 2016.

- General Chair - International Conference on Advances in Engineering, Science and Technology on 17<sup>th</sup> April 2016 at Bangalore.
- General Chair– International Conference on Signal Processing, Communication and Computational Research (ICSPCCR-16), held on 18<sup>th</sup> and 19<sup>th</sup> May 2016 at Vidya Vikas Institute of Engineering & Technology, Mysore, India.
- General Chair– International Conference On Applied Science Engineering and Technology (ICASET-2016), held on 06<sup>th</sup> & 07<sup>th</sup> June . 2016, Organized by Sai Ram College of Engineering and Technology, Anekal, Bangalore, India
- General Chair– International Conference On Research Challenges in Engineering and Technology (ICRCET-2016) held on 18<sup>th</sup> & 19<sup>th</sup> August . 2016, Organized by Siddharth Institute of Engineering and Technology, Puttur, Chittoor District , Andra Pradesh.
- Publicity Chair– Conference On Recent Advances in Lightwave Technology (CRALT-2016) held during 21<sup>st</sup> & 23<sup>rd</sup> September . 2016, Organized by IEEE Photonic Society, Bangalore chapter in association with Messe München India Pvt. Ltd, held at Bangalore International Exhibition Centre, Bangalore.
- Session Chair– Conference On Recent Advances in Lightwave Technology (CRALT-2016) held during 21<sup>st</sup> & 23<sup>rd</sup> September . 2016, Organized by IEEE Photonic Society, Bangalore chapter in association with Messe München India Pvt. Ltd, held at Bangalore International Exhibition Centre, Bangalore.
- General Chair– 2<sup>nd</sup> International Conference On Applied Science Engineering and Technology (ICASET-2016), held on 18<sup>th</sup> & 19<sup>th</sup> October . 2016, Organized by Sweatha Institute of Technology and Science, Tirupati, Andra Pradesh, India.
- General Chair– International Conference on Chip, Circuitry, Current, Coding, Combustion and Composites(i7C-2016), held on 10<sup>th</sup> & 11<sup>th</sup> November. 2016, Organized by Sai Ram College of Engineering and Technology, Anekal, Bangalore, India
- Session Chair– International Conference On Photonics (Photonics 2016) held during 4<sup>th</sup> & 8<sup>th</sup> December, 2016, Organized by IIT, Kanpur , held at IIT Kanpur, India.
- General Chair– International Conference on Technological Innovations in Engineering(ICTIE-2016), held during 15<sup>th</sup> & 16<sup>th</sup> December, 2016 Organized by MIT Polytechnic, Pune, Maharashtra, India
- Vice Chairman ,IEEE Photonic society(USA) From Jan 2017, Bangalore chapter.
- General Chair– International Conference on Recent Challenges in Engineering Technology (ICRCE-2017), held during 23<sup>rd</sup> & 24<sup>th</sup> Feb, 2017 Organized by , Sharad Institute of Technology college of engineering , Yadrav , Ichalkaranji ,Maharashtra, India
- Program Chair – One day workshop on MOEMS and Applications conducted by E&C Dept. Malnad college of Engineering, Hassan on 18<sup>th</sup> March 2017 (Sponsored by TEQIP-II).
- Program Chair – One day workshop on High Speed Optical Networks conducted by E&C Dept. Malnad college of Engineering, Hassan on 21<sup>st</sup> March 2017 (Sponsored by TEQIP-II).

- Session Chair- IEEE CYBERIA 17 conducted on 1st April 2017 at JSS Science and Technology University, Mysore, India.
- Session Chair - International Conference on Emerging Trends in Engineering (ICETE-2017) 12<sup>th</sup> May 2017 at NMAM Institute of Technology, Nitte, Udupi District, Karnataka, India.
- General Chair– International Conference on Current Research on Embedded , Information and Computer Technologies (ICEICT-2017),held during 2<sup>nd</sup> and 3<sup>rd</sup> June 2017 Organized by R R Institute of Technology , Bangalore, India.
- General Chair– International Conference on Internet of Things for Future Smart Cities (ICIOTSC-2017), held during 21<sup>st</sup> and 22<sup>nd</sup> July 2017, Organized by Geethanjali Institute of Science and Technology, Nellore District ,Andra Pradesh.
- Member Doctoral committee Dayanand Sagar University Bangalore
- Vice Chair IEEE Photonic Society Bangalore Chapter
- Secretary, IEEE Photonic Society All India Counsel.
- General Chair– International Conference on Applied Science Engineering and Technology(ICASET-2018), held during 16th and 17th March 2018, Organized by Sengunthar College of Engineering,Tituchengod,Tamil Nadu,India.
- Session Chair - International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-2018) 23<sup>th</sup> August 2018 at PES College of Engineering, Mandya, Karnataka, India
- Chief Convener-One week Faculty Development on Recent Advances in Photonics (3<sup>rd</sup> to 8<sup>th</sup> Dec, 2018) , Sponsored by TEQIP-III and technically cosponsored by IEEE Photonic society (USA),India Chapter. Conducted at Jorhat Engineering College,Jorhat, Assam, A Twinning program with MCE ,Hassan.
- Special Session Chair - International Conference on Computing for Sustainable Global Development (INDIACom-2019), held during 13th and 14th March 2019 Organized by Bharathi Vidyapeeth's Institute of Computer Applications and Management (BVICAM) , New Delhi, India.
- Co Patron- One week Faculty Development Programme on Recent Advances in Communication & Photonics , Sponsored by TEQIP –III and technically cosponsored by IEEE Photonic Society(USA) , India Chapter ,held during 8<sup>th</sup> and 12<sup>th</sup> July . 2019 at Veer Bahadur Singh Purvanchal University (Uma Nath Singh Institute of Engineering and Technology) Jaunpur , Uttar Pradesh, organized by Dept. of E&C, VBSPU(UNSIET) Jaunpur , UP.
- Invited as Advisory Board Committee Member(NBA) , Sai Vidya Institute of Technology ,Bangalore for 2019-2020.
- Convener - Three days “Hands- on Training on Photonic Sensor Simulation Tools” Sponsored by TEQIP-III ,and technical Co-sponsored by IEEE Photonic society, Bangalore Chapter during 3<sup>rd</sup> & 5<sup>th</sup> October 2019 at MCE Hassan.
- TPC Member– IEEE Workshop on Recent Advances in Photonics 2019 (WRAP 2019) held during 13<sup>th</sup> & 14<sup>th</sup> December, 2019, Organized by IIT,Guwahati , held at IIT Guwahati, Assam, India.
- Member-College Internal Complaints Committee(CICC) from 30/11/2019
- Member BOS ,Electrical Engineering Chandigarh University ,Mohali, Chandigarh . Punjab.

- Chief Convener -One week Faculty Development Programme on Recent Advances in Photonics , Technology. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India , held during 7th and 11th September , 2020 at Vidyavardhaka College of Engineering organized by Dept. of E&C, VVCE, Mysore, India.
- Member Advisory Committee - One week Faculty Development Programme on Recent Advances in Photonics and Communication, sponsored by AICTE Training and Learning Program(ATAL) , held during 2nd and 6th November , 2020 at Guru Jambheshwar University of Science and Technology organized by Dept. of Physics, Hisar,Harayana, India.
- Covid task head for exams from 2020.
- Chair-Three days “Hands- on Training on Quantum Concepts and Applications”, held during 11<sup>th</sup> and 13<sup>th</sup> January , 2021Sponsored by by IEEE MCE Student Branch, MCE, Hassan.
- Chair-IEEE Webinar on IEEE Benefits and IEEE Funding for Projects ,By Dr Sujatha ,Professor ,BMS College of Engineering Bangalore , held on 17th April 2021, Jointly organized by IEEE MCE Student Branch and IEEE Bangalore Section, Bangalore, India.
- Member Advisory Committee- National Conference Recent Trends In Engineering (NCRTE-2021), held during 3rd & 4th May , 2021, Organized by Dayanand Sagar University , School of Engineering ,Bangalore , India.
- Chair-IEEE Webinar on Mode Locked Fiber Lasers ,By Dr Niloy K Dutta ,Professor ,University of Connecticut, USA , held on 22nd May 2021, Jointly organized by IEEE MCE Photonic Society Student Chapter and IEEE Photonics Society Chapter Calcutta University, In association with IEEE Prakash Bharati India .
- Chair-IEEE Webinar on Compensation of Impairments in Fiber Optic Systems ,By Dr Shiv Kumar ,Professor ,Mc Master University , Canada , held on 24nd May 2021, Jointly organized by IEEE MCE Photonic Society Student Chapter and IEEE Photonics Society Chapter Calcutta University, In association with IEEE Prakash Bharati India .
- Chair-IEEE Webinar on “Introduction to Photonics”,( In Kannada)By Dr. Gopalakrishna Hegde, Professor , IISc Bangalore , held on 28th May 2021, Organized by IEEE MCE Photonic Society Student Chapter , In association with IEEE Prakash Bharati India .
- Chair-IEEE Webinar on “Resonant cavity based optical modulators/switches using electro absorption effect” ,By Dr Sooraj Ravindran,,Professor , IIST Trivandram., held on 4nd June 2021, Organised by IEEE MCE Photonic Society Student Chapter , In association with IEEE Prakash Bharati India
- Chair -IEEE Webinar on “Possible Carrier Pathways for Engineering Graduates” held on 19th June 2021, Organised by IEEE MCE Student Branch , In association with IEEE Bangalore Section and IEEE Mysore Subsection
- Dean (Planning & Development) , Malnad College of Engineering since 15th Sept 2021

- Member & Subject Expert : Screening cum evaluation committee (For CAS Promotion), Department of Technical education, Government of Karnataka, 23/10/21.
- Session Chair– International Conference IEEE MysuruCon-2021 held during 24<sup>th</sup> & 25<sup>th</sup> October, 2021 , Sponsored by IEEE Mysore Subsection and Organized by Navkis College of Engineering, Hassan, Karnataka ,India.
- Reviewer- European Physical Journal D 4<sup>th</sup> January 2022.
- Convener- One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics Society(USA), India ,Organised by E&C Department ,Malnad college of Engineering in association with IEEE MCE Student Branch held on 28<sup>th</sup> May 2022 at E&C Department , Malnad college of engineering Hassan.
- Member Organizing Committee – IEEE International Conference on Data Science and Information System (ICDSIS-2022) held during 29<sup>th</sup> & 30<sup>th</sup> July, 2022 , Sponsored by IEEE Mysore Subsection and Organized by Malnad College of Engineering, Hassan, Karnataka ,India.
- Reviewer- European Physical Journal D 9<sup>th</sup> September 2022.
- Reviewer- Modern Physics Letters B 21<sup>st</sup> September 2022.
- Member- tender evaluation committee ,Hassan district authority for installation of digital LED screen during the opening of Hasanamba temple 6<sup>th</sup> October 2022
- Program Chair –One day workshop on Intellectual Property Rights and Cyber Law , held on 17<sup>th</sup> October 2022,Conducted by E&C department in association with IEEE MCE Student branch and IEEE Prakash Bharati India.
- Program Chair –One day workshop on Photonics: Opportunities and Challenges in India and Benefits of IEEE Photonics Society, held on 30<sup>th</sup> October 2022,Conducted by E&C department in association with IEEE MCE Student branch and IEEE Prakash Bharati India.
- Member: Screening cum evaluation committee (For CAS Promotion), Department of Technical education, Government of Karnataka, 23/10/21,7/02/22 &12/12/22.
- Member BOE PG Center University of Mysore 04/01/23
- Reviewer Journal of Nanophotonics,SPIE(Society of Photo-Optical Instrumentation Engineers) 24/01/2023 reviewed on 9.02 2023.
- Member: Institute For Engineering Research and Publication (IFERP) 3/02/23.
- Session Chair: International Conference on Recent Trends in Electronics and Communication (ICRTEC 23), Organised and hosted by The National Institute of Engineering, Mysuru (Dept of ECE) on 10<sup>th</sup> &11<sup>th</sup> February 2023.

### **Research and Development/Consultancy**

- R&D Report on “AC Power Control Of Resistive Loads Using TRIAC” submitted to CESC, Hassan on 12<sup>th</sup> May 2017

- Assisting BSNL, Hassan in resolving problems associated with C-DOT CM(Central Module) and other issues regarding optical networks and components(22.10.15) since 2011.
- DST- Fellowship 2021 of Rs 20,000 per month for my PhD Scholar Yashaswini P. R for her thesis topic “Analysis of Photonic sensors for various applications”.

## **Publications**

### **International conferences**

- P.C.Srikanth, Pradip Sircar “Subcarrier multiplexed coherent lightwave systems using combined amplitude and frequency modulation scheme” Proceedings of IEEE TENCON 98, pp356-359
- P.C.Srikanth,M.V.Sathyanarayana,T.Srinivas,“Computing Approximate Survivability and blocking probabilities in Wavelength Routed All-Optical Networks”,pp349-345,International conference on advances in information and communication technology([ICICOT07](#)) held at MIT Manipal during 28<sup>th</sup>-30<sup>th</sup> December
- P.C.Srikanth,M.V.Sathyanarayana ,T.Srinivas,“Fault management in survivable WDM optical networks using an adaptive hybrid algorithm”, pp50, International conference on computing communication and networking (ICCCN08) held during 18-20 December 2008 at Chettinadu college of engineering & technology,Karur,TN.
- P.C.Srikanth,M.V.Sathyanarayana ,T.Srinivas,“Fault management in survivable WDM optical networks :An hybrid algorithm approach”, pp1472-1474, International conference “World congress on science, engineering and technology(WCSET 2009) 25-27 February 2009 at Penang,Malaysia.
- P.C.Srikanth,M.V.Sathyanarayana ,Balaraju DT.Srinivas” Fault tolerance in survivable WDM optical networks using hybrid scheme”IEEE TENCON 2009 held at Singapore during 23-26 November 2009.
- Kempegowda.K, P.C.Srikanth “Incentive oriented protocol for delay tolerant networks”, pp 17-22 International conference on Control,Communication and Computer Technology(CCCT-2011) held during 19<sup>th</sup> November 2011 at Bangalore, India
- Chiranthana.H.R, P.C.Srikanth “Detecting and effective routing of time critical events using congestion and delay aware routing in WSNs” pp 9-16 , International conference on Electronics and Communication Engineering(ICECE) held during 24<sup>th</sup> June 2012 at Ahmedabad, India
- Mahabaleshwara Bhat P, P.C.Srikanth “Modeling route handoff in MANET using channel aware routing protocol” pp 91-96, International conference on



Electrical and Electronics Engineering(ICEEE) held during 30<sup>th</sup> June 2012 at Mysore, India.

- Divya G.S, P.C.Srikanth “VoIP based Embedded System Design for Communication Applications”, pp 80-85 International conference on Information Technology, Electronics and Communications(ICITEC-2013) held during March 30<sup>th</sup> & 31<sup>st</sup> 2013 at Bangalore, India.
- Madhurya B Eshwar, P.C.Srikanth “A New Co-operative Nodes Based Route Discovery and Game Theory Based Routing Algorithm for WSN” pp 179-183, International Conference on Electronics and Communication Engineering(ICECE 2013) held during 24<sup>th</sup> April 2013 at Bangalore, India.
- Indira Bahaddur, Triveni C L, P.C.Srikanth “Novel Defense Mechanism Against Data Flooding Attacks in Ad Hoc Network” pp31 - 35, IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013) held during 4<sup>th</sup> & 6<sup>th</sup> July 2013 in Vivekanandha College of Engineering for Women, Tiruchengode, Namakkal District, Tamil Nadu, INDIA.
- Indira Bahaddur, Triveni C L, P.C.Srikanth “OFDM Transceiver Design using C” pp 38 -41, IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013) held during 4<sup>th</sup> & 6<sup>th</sup> July 2013 in Vivekanandha College of Engineering for Women, Tiruchengode, Namakkal District, Tamil Nadu, INDIA.
- Indira Bahaddur, Triveni C L, P.C.Srikanth “AN IP TRACEBACK SYSTEM TO FIND THE REAL SOURCE OF ATTACK USING FDPM” pp 22-26, IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013) held during 4<sup>th</sup> & 6<sup>th</sup> July 2013 in Vivekanandha College of Engineering for Women, Tiruchengode, Namakkal District, Tamil Nadu, INDIA
- Divya G.S, P.C.Srikanth “Embedded VoIP Communication System with Graphical User Interface” pp28 -33, IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013) held during 4<sup>th</sup> & 6<sup>th</sup> July 2013 in Vivekanandha College of Engineering for Women, Tiruchengode, Namakkal District, Tamil Nadu, INDIA
- Rajeshwari S, Indira Bahaddur, Preeta Sharan, P C Srikanth “A Design and Simulation of Optical Pressure Sensor based on photonic crystal in Sub-MicronRange” pp18-21, International Conference on Emerging Trends in Engineering and Technology (ICET-2014) held on 6<sup>th</sup> April 2014 at Bangalore.India.
- Shruthimala N S, Indira Bahaddur, Preeta Sharan, P C Srikanth “MEMS Based Optical Sensor for Salinity Measurement”, pp22-24, International Conference on Emerging Trends in Engineering and Technology (ICET-2014) held on 6<sup>th</sup> April 2014 at Bangalore,India.
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