

Workshop Conducted

- 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 16th 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 29th 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 30th 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 26th June 2020, Organised by Department of E&C, Malnad College of Engineering, Hassan, In association with IEEE MCE Student Branch, Hassan.



Achievements

- Selected for 2018 **Albert Nelson Marquis Lifetime Achievement Award** by Marquis Who's Who in Science and Engineering New Providence, NJ 07974, USA.



Invited talks

Dr.P.C.Srikanth

- 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 26th Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India .
- Surface Plasmon Resonance Sensors on 26th Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India .
- Fiber Optic Communication on 26th Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India .
- Quantum Communication on 26th Feb. 2020 , Workshop on Recent Advances in Photonics conducted by V O Chidambaram College ,Thoothukudi ,Tamil Nadu,India.
- Nano-Photonic Sensors on 26th 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 28th 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 28th 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 28th Feb. 2020 , Workshop on Recent Advances in Photonics conducted by A.P.C. Mahalaxmi College for Women ,Thoothukudi ,Tamil Nadu,India
- Quantum Communication on 28th 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^h March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh ,Punjab ,India .
- Surface Plasmon Resonance Sensors on 13^h March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .
- Fiber Optic Communication on 13^h March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .
- Quantum Communication on 13^h March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .
- Nano-Photonic Sensors on 13^h March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab , India .
- Photonic Bio-Sensors on 21st 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.

IUCEE Spring 2020 Citification Program

- Jnana Swaroop K R, Sushma N, Deepika K C, Santhosh Kumar K B, Prakruthi H L, Spoorthi B R and Poornima M R has completed the IUCEE International Engineering Educator Certification Program, Spring 2020.

Workshops Attended:-

- Dr. P C Srikanth has participated in IEEE Work shop on Recent Advances on Photonics (WRAP-2019) conducted during 13th -14th December 2019 at IIT Guwahati, Assam, India.
- Dr. P C Srikanth has participated in International Conference on Lasers and Electro-optics (CLEO-20) conducted during 11th -15th May 2020,Co Sponsored by American Physical Society(APS) ,Laser Science Division, IEEE Photonic Society and Optical Society of America (OSA) at USA.
- Dr. P C Srikanth has participated in IEEE Webinar Series by Women Leaders, held during 25th and 29th May 2020,Organised by IEEE Bangalore Section, Bangalore, India.
- Dr. P C Srikanth has participated in Webinar Series on Telemedicine, IOT and Nanoscience held during 10th and 12th June 2020,Organised. by GSSSIETW IEEE Student Branch , Mysore in association with IEEE Bangalore Section, Bangalore.
- Santhosh Kumar K B has participated in AICTE Sponsored Six Days Online Short Term Training Program (STTP) “TECHNICAL WRITING & RESEARCH METHODOLOGY” held on December 28, 2020– January 03, 2021 organized by Department of Electrical and ElectronicsEngineering, Chaitanya Bharathi Institute of Technology, Proddatur, in association with All India Council for Technical Education (AICTE).
- Santhosh Kumar K B has participated in Participated in webinar series on “Telemedicine, IOT and Nano Science” organized by GSSSIETW IEEE Student Branch in Association with IEEE Bangalore and IEEE CAS Bangalore Chapter during 10th to 12th June 2020.
- Prathap P B has participated in two week swayam teqip online certification course on “DIGITAL TRANSFORMATION IN TEACHING LEARNING PROCESS” during 6th to 22nd April 2020.
- Spoorthi B S has participated in AICTE Training And Learning (ATAL) Academy Online FDP on "Block Chain" from 15-06-2020 to 19-06-2020 at INDIAN INSTITUTE OF INFORMATION TECHNOLOGY VADODARA.
- Poornima M R has participated in the 4-days Online Course on "Examination Reforms" conducted during 22-25 April 2020 organized by AICTE.

Publication Details

- Ajey S S, Bhanumathi H R , Preeta Sharan ,P C Srikanth “Bacillus Cereus Detection based on Photonic Crystal Biosensor” pp300-306 ,IEEE International Conference on Computing for Sustainable Global Development (INDIACom-2020), held during 12th and 14th March 2020 Organized by Bharathi Vidyapeeth's Institute of Computer Applications and Management (BVICAM) , New Delhi, India.
- Thanushree K S ,Afzal, Manjudevi, P C Srikanth “A Novel Automated Framework for Water Impurity Detection” pp 307-312 ,IEEE International Conference on Computing for Sustainable Global Development (INDIACom-2020), held during 12th and 14th March 2020 Organized by Bharathi Vidyapeeth's Institute of Computer Applications and Management (BVICAM) , New Delhi, India.
- Santhosh Kumar K B and B R Sujatha, “Reliable Transmission of EEG Signal In Tele-Medicine”, Proceedings of IRAI International Conference,7th May 2020, Bengaluru, India, pp 54-58.
- Santhosh Kumar K B, B R Sujatha, “Turbo Codes for Telemedicine Applications”, Journal of Physics: Conference Series, Volume 1706(2020) 012156, <https://doi.org/10.1088/1742-6596/1706/1/012156>.
- Santhosh Kumar K B and B R Sujatha, “Reliable Transmission of EMG Signal in Telemedicine for Myopathy Patients”, Soft Computing and Signal Processing, Advances in Intelligent Systems and Computing 1340, https://doi.org/10.1007/978-981-16-1249-7_51, pp-541-551. (Springer e-book).

“When you want to know how things really work,
study them when they are coming apart”

