

## 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	142	17	1	56	13	216	108

### 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>th</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 "Missile Technology " 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 technically 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 .
- IEEE MysuruCon 2023 3<sup>rd</sup> Edition of the Flagship International Conference Series of IEEE Mysuru Subsection in Association with IEEE Bangalore Section hosted by E&C Department, Malnad College of Hassan



,on Emerging Technologies for Smart cities conducted during 1<sup>st</sup> and 2<sup>nd</sup> December 2023.

- IEEE Hands on Workshop on VLSI Chip Designing , held on 16<sup>th</sup> February 2024, Jointly organized by IEEE MCE Student Branch and E&C Department in association with IEEE CEDA Bangalore Chapter ,Malnad College of Engineering,Hassan,Karnataka .

### **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



ಸುಸಜ್ಜಿತವಾದ ಅಂಗಣದಿಂದ  
ಕೆ.ಎಂ.ಪ್ರಕಾಶ್ ಹೆಗ್ಡೆ ಮಾತನಾಡಿ,  
ಡಿ.ಯಾವುದೇ ಜನಪದ ಕಾರ್ಯ  
ಸಮಾಜವು ಎಲ್ಲ ಧರ್ಮದ ಗುರು-  
ಯರನ್ನು ಕಂಡು ಆಶೀರ್ವಾದ ಪಡೆ

**ಕಾಪಿಡರ**  
ರೇಡಿಯೋ ಮಾರ್ಕೆಟ್-10000  
ರೇಡಿಯೋ ಚಿರ - 5000  
ರೇಡಿಯೋ ಮಾರ್ಕೆಟ್-7750  
ರೇಡಿಯೋ ಚಿರ -3500

**ಜಲಿ**

ಮರಣ  
24-3-2014

ಕ್ಷುರು ಹಾಗೂ ಹಾಲ  
ಗುರು ನಿಧನರಾದ್ದು  
ಪ್ರಾಥಮಿಕವಾಗಿ.

ಗೌರವ  
ಪಿ. ಸತೀಶ್,  
ವರ್ಗದವರು,  
ಕಲೇಶವರ

ಅದು ಮಹತ್ವವಾಗಿ ಪರಿವರ್ತನೆಯಾಗಿ  
ಬೇಕಿದೆ ಎಂದರು. ಸಂಸದನಾಗಿ ನನಗೆ  
ಸಿಕ್ಕ ಕಡಿಮೆ ಅವಧಿಯಲ್ಲಿ ಯಾವ ವರ್ಗ  
ವನ್ನು ಕಡೆಗಣಿಸದೆ ಎಲ್ಲರನ್ನು ಸಮಾ  
ಜವಾಗಿ ಕಂಡು ವೈಯಕ್ತಿಕವಾಗಿ

## ತಾಂತ್ರಿಕ ವಿಷಯ ಮಂಡನೆ

ಚಿಕ್ಕಮಗಳೂರು, ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
ನಗರದ ವಿವಿಧ ಕಾಲೇಜು ಸಭಾಂ  
ಗಣದಲ್ಲಿ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯು  
ನಿಕೇಷನ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ  
ಹಾಗೂ ಐಐಇಟಿ ವತಿಯಿಂದ ರಾಜ್ಯ  
ಮಟ್ಟದ ತಾಂತ್ರಿಕ ವಿಷಯ ಮಂಡನೆ

ಸದಸ್ಯರಾದ ಹೆಚ್.ಎಸ್.ಪುಟ್ಟಸ್ವಾಮಿ,  
ರೋಬಿನ್ ಪೋಸ್ಟ್, ಸುಲ್ತಾನ್ಪುರ,  
ಜೇಮ್ಸ್, ಯದುಕುಮಾರ್, ತರೇಸ್ವಾ  
ಲೋಬೋ, ಸಂಪತ್‌ರಾಜ್, ಜಾರ್ಜ್  
ಇತರರು ಹಾಜರಿದ್ದರು.

ಕೆ.ಸುಬ್ಬರಾಯ ಮಾತನಾಡಿ ವಿವಿಧ  
ವಿಭಾಗಗಳ ಕ್ರಿಯಾಶೀಲತೆ ಹಾಗೂ ನಿರ್ವಹಣೆ  
ಯನ್ನು ಪ್ರಶಂಸಿಸಿದರು.  
ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯುನಿಕೇಷನ್  
ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಪ್ರೊ.ಎನ್.ಪಿ.  
ಶ್ರೀನಿವಾಸ ಮಾತನಾಡಿ ಈ ಕಾರ್ಯ

ಬರ್ 31 ನಿಗದಿತ  
ಧಿಯನ್ನು 2014  
ವಿವರಿಸಲಾಗಿದೆ.  
ಫೂ ಕಂದಾ  
ಸರ್ಕಾರ ಭಡಕ್ಕೆ ಬು  
ಸಂಬಂಧಿಸಿದಂತೆ  
ಯವನ್ನು ಸರ್ಕಾರಕ್ಕೆ  
ಪುನರ್ ಸ್ಥಾಪನೆ ಪದ  
ಸಂಬಂಧಪಟ್ಟ ತಹ  
ಸಂಪರ್ಕಿಸಲು ಬೆಂ  
ಪ್ರಕಟಣೆ ತಿಳಿಸಿದೆ.

## ಲೋಕಾರ್ಪಣೆ

ಚಿಕ್ಕಮಗಳೂರು, ವಿ.  
ಲೋಕಾರ್ಪಣೆ  
ಉಪಾಧ್ಯಕ್ಷರು ಮು  
ರವರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
ಪ್ರವಾಸ ಕೈಗೊಳ್ಳಲಿರುವ  
ಅಂದು ಬೆಳಿಗ್ಗೆ 1  
ಪ್ರವಾಸ ಮಂದಿರಕ್ಕೆ  
ತಾಲ್ಲೂಕಿನ ಸಾರ್ವಜನಿಕ  
ಕಛೇರಿಗಳಿಗೆ ತಮ್ಮ ಕೆ  
ಅರ್ಬ/ದೂರು ಸಲ್ಲಿಸಿದ  
/ದೂರನ್ನು ಸಂಬಂಧ  
ಯು ವಿಲೇವಾರಿ ವ  
ಯನ್ನು ಬಗ್ಗಹರಿಸದ  
ದೂರುಗಳನ್ನು ಸಲ್ಲಿಸಲು

## ಉಪಾಧ್ಯಕ್ಷರ

ಮೂಡಿಗೆರೆ, ವಿ.4:-



ಉಪಾಧ್ಯಕ್ಷರಾಗಿ ಕೆ.ಎ  
ರನ್ನು ನೇಮಕ ಗೊಳಿಸಿ  
ಬಿಡಿಎಸ್ ಕ್ಷೇತ್ರಾಧ್ಯಕ್ಷ  
ಗೌಡ ಹೇಳಿಕೆಯಲ್ಲಿ ತಿ



ಮತ್ತು ತಾಂತ್ರಿಕ ಉತ್ಪನ್ನವನ್ನು ಆಯೋಜಿಸಲಾಗಿತ್ತು.  
ಮುಖ್ಯ ಅತಿಥಿಗಳಾದ ಹಾಸನ  
ಮಲೆನಾಡು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ  
ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯುನಿಕೇಷನ್  
ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ.ಪಿ.ಸಿ.  
ಶ್ರೀಕಾಂತ್ ಕಾರ್ಯಕ್ರಮವನ್ನು ಉದ್ಘಾಟಿಸಿ  
ಪುರಾತನ ಕಾಲದ ಘಟನೆಗಳೇ  
ಈ ಆಧುನಿಕ ಯುಗದಲ್ಲಿ ನೂತನ ಸಂ  
ಶೋಧನೆಗಳಾಗಿ ಹೊರ ಹೊಮ್ಮುತ್ತಿವೆ  
ಎಂದರು.  
ಕಾರ್ಯಕ್ರಮದ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದ  
ವಿವಿಧ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲ ಡಾ.

ಕ್ರಮ ವಿವಿಧ ವಿಭಾಗಗಳ ಪ್ರತಿಭೆಯನ್ನು  
ಹೊರಹಾಕಲು ಒಂದು ಒಳ್ಳೆಯ ವೇ  
ದಿಕೆ ಎಂದರು.  
ವಿವಿಧ ವಿಭಾಗಗಳಾದ ಮಹದ್ವಾರ್ಡ್ ಜಿ  
ಪಾಸ್ ಮತ್ತು ಕುಗೌತಮ ಕಾರ್ಯಕ್ರಮವನ್ನು  
ನಿರೂಪಿಸಿದರು.  
ಕು.ಪ್ರಿಯದಾ ಹೆಚ್.ಎಲ್.ವರದಿ  
ವಿವರಿಸಿದರು. ಕು.ಅರ್ಪಿತ ಅತಿಥಿಗಳ  
ಪರಿಚಯ ಮಾಡಿಕೊಟ್ಟರು.  
ತಾಂತ್ರಿಕ ವಿಷಯ ಮಂಡನೆ ಮತ್ತು  
ತಾಂತ್ರಿಕ ಉತ್ಪನ್ನದಲ್ಲಿ ರಾಜ್ಯದ ಅನೇಕ  
ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜುಗಳ ವಿವಿಧ  
ವಿಭಾಗಗಳು ಭಾಗವಹಿಸಿದ್ದರು.



- 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, Annamacharaya college of Technology and Sciences,Venkatapuram(Village), Renigunta(Mandal) Chittoor District ,Andra 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, Proudhadavaraya Institute of Technology ,Hospet



## ಲೇಸರ್ ತಂತ್ರಜ್ಞಾನದಿಂದ ಆಪ್ಟಿಕಲ್ ಫೈಬರ್ ಕೇಬಲ್ ಪ್ರಚಲಿತ

■ 'ಕ್ವಾಂಟಮ್ ಮೋಟಾರ್ಸ್' ಮತ್ತು 'ಐಸಿಎಲ್' ನೇಟ್‌ವರ್ಕ್ ವಿಷಯದ ವಿಚಾರ ಸಂಕರಣ

■ ಆಪರೇಷನ್ಸ್ ಮಾಹಿತಿ ಲೇಸರ್ ತಂತ್ರಜ್ಞಾನದಿಂದ ಸುಲಭ

**ಹಾಸನ**  
ಆಪ್ಟಿಕಲ್ ಫೈಬರ್ ಕೇಬಲ್ ತಂತ್ರಜ್ಞಾನವನ್ನು ಸಾಕಷ್ಟು ಹಿಂದೆಯೇ ಅಭಿವೃದ್ಧಿಪಡಿಸಿ- ಕ್ಷಾತ್ರದೂ, ಲೇಸರ್ ತಂತ್ರಜ್ಞಾನ ಬಳಕೆಗೆ ಬಂದ ನಂತರವೇ ಆಪ್ಟಿಕಲ್ ಫೈಬರ್ ಕೇಬಲ್ ತಂತ್ರಜ್ಞಾನ ಬಳಕೆಗೆ ಬಂದಿತು ಎಂದು ನಗರದ ಮೇಯರರು ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ.ಪಿ.ಸಿ.ಶ್ರೀಕಾಂತ್ ತಿಳಿಸಿದರು.

ಇತ್ತೀಚೆಗೆ ಬಳ್ಳಾರಿಯ ಹೊಸಪೇಟೆಯ ಪ್ರೌಢವಿದ್ಯಾಲಯ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯುನಿಕೇಷನ್ ವಿಭಾಗದ ವತಿಯಿಂದ 'ಕ್ವಾಂಟಮ್ ಮೋಟಾರ್ಸ್' ಮತ್ತು 'ಐಸಿಎಲ್' ನೇಟ್‌ವರ್ಕ್ ವಿಷಯದ ವಿಚಾರ ಸಂಕರಣ ರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದ ಸಂಕರಣದಲ್ಲಿ ಸಂಪನ್ನವಾಗಿತ್ತು. 1966 ರಲ್ಲಿ ಥಿಯೋಡರ್ ಮೈಮೂನ್ ಎಂಬಾತ ರೂಪ ಲೇಸರ್ ತಂತ್ರಜ್ಞಾನವನ್ನು ಕಂಡುಹಿಡಿದರು. ನಂತರದ ದಿನಗಳಲ್ಲಿ ಇದೇ ತಂತ್ರಜ್ಞಾನ ಸಾಕಷ್ಟು ಅಭಿವೃದ್ಧಿಗೊಂಡು ಇತ್ತೀಚಿನ ದಿನಗಳಲ್ಲಿ ಲೇಸರ್ ತಂತ್ರಜ್ಞಾನವನ್ನು ಹೆಚ್ಚಾಗಿ ಬಳಸಲಾಗುತ್ತಿದೆ. ಅದರಲ್ಲೂ ಆರೋಗ್ಯ ಮತ್ತು ರಕ್ಷಣಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಈ ತಂತ್ರಜ್ಞಾನದಿಂದ ಕಾಂಕ್ರಿಟ್ ಬದಲಾವಣೆಗಳಾಗಿವೆ. ಆರೋಗ್ಯ ಕ್ಷೇತ್ರದಲ್ಲಿ ಹಲವು ಕ್ಷಿಪ್ರಕರ ಶಸ್ತ್ರಚಿಕಿತ್ಸೆಗಳಿಗೆ ಈ ತಂತ್ರಜ್ಞಾನವನ್ನು ಬಳಸಲಾಗುತ್ತಿದೆ. ಈ ಹಿಂದಿನ ತೀವ್ರ ಶಸ್ತ್ರಚಿಕಿತ್ಸೆ ಮೂಲಕ ಮಾಡುತ್ತಿದ್ದ ಆಪರೇಷನ್‌ಗಳನ್ನು ಲೇಸರ್ ತಂತ್ರಜ್ಞಾನದಿಂದ ಅತ್ಯಂತ ಸುಲಭ ಮತ್ತು ರೋಗಿಗೆ ಹೆಚ್ಚು ನೋವಿಲ್ಲದೆ ಮಾಡಬಹುದಾಗಿದೆ.

ಇನ್ನು ರಕ್ಷಣಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಅತ್ಯಂತ ಪರಿಣಾಮಕಾರಿ- ರಿಯಾಗಿ ಈ ತಂತ್ರಜ್ಞಾನವನ್ನು ಬಳಸಿಕೊಳ್ಳಲಾಗುತ್ತಿದೆ. ಗಡಿ ರಕ್ಷಣೆಯಲ್ಲಿ ಲೇಸರ್ ತಂತ್ರಜ್ಞಾನ ಹೆಚ್ಚು ಬಳಕೆಯಾಗುತ್ತಿದೆ. ಮಾನವ ಶಕ್ತಿ ಇಲ್ಲದಿದ್ದರೂ ಲೇಸರ್ ತಂತ್ರಜ್ಞಾನದ ಬಳಕೆಯಿಂದ ಗಡಿಗಳಲ್ಲಿ ಅತ್ಯಂತ ನುಸುಳುವಿಕೆಯನ್ನು ತಡೆಗಟ್ಟಬಹುದಾಗಿದೆ ಎಂದರು. ಇನ್ನು ಬ್ಯಾಂಕ್‌ಗಳು, ಸಂಕೀರ್ಣವಾದ ಕೇಂದ್ರಗಳು ಸೇರಿದಂತೆ ಹಲವು ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ರಕ್ಷಣಾ ವ್ಯವಸ್ಥೆಗಾಗಿ ಈ ತಂತ್ರಜ್ಞಾನವನ್ನು ಬಳಸಲಾಗುತ್ತಿದೆ.

ವೈಮಾನಿಕ ಕ್ಷೇತ್ರದಲ್ಲಿಯೂ ಈ ತಂತ್ರಜ್ಞಾನ ಹೆಚ್ಚು ಉಪಯೋಗ ಮಾಡುತ್ತಿದ್ದು, ವಿಮಾನಗಳು ಮತ್ತು ಯುದ್ಧ ವಿಮಾನಗಳಲ್ಲಿ ಈ ತಂತ್ರಜ್ಞಾನ ಅಳವಡಿಕೆಯಿಂದ ವಿಮಾನಗಳ ನಡುವಿನ ಅಂತರ ಹಾಗೂ ಶತ್ರು ವಿಮಾನಗಳನ್ನು ಗುರುತಿಸುವಲ್ಲಿ ಉಪಯೋಗವಾಗುತ್ತದೆ ಎಂದರು. ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷರಾದ ಗೋನಾಳ್ ಪಿ.ಸಿ.ಶ್ರೀಕಾಂತ್ ಅವರನ್ನು ಸನ್ಮಾನಿಸಿದರು. ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಕಿವಕುಮಾರ್, ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯುನಿಕೇಷನ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ.ರೋಹಿತ್, ವಿಟಯು ಪ್ರೊಫೆಸರ್ ಡಾ.ಇಂದ್ರಮತಿ, ರಂಗಲೂರಿನ ಜೈನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಡಾ.ವೈಭವ್ ಹಾಗೂ ಇತರರು ಇದ್ದರು.

ಡಾ.ಪಿ.ಸಿ.ಶ್ರೀಕಾಂತ್ ಅವರನ್ನು ಸನ್ಮಾನಿಸುತ್ತಿರುವುದು.



- 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, Proudhadavaraya 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 (ICSPCCR-2016), Organized by Dept. of E&C, Vidya Vikas Institute of Engineering and Technology,Mysore,India



## ವಿದ್ಯಾರ್ಥಿಗಳು ಹೆಚ್ಚಿನ ಸಂಶೋಧನೆಯಲ್ಲಿ ತೊಡಗಲು ಸಲಹೆ

■ ಇತ್ತೀಚೆಗೆ ತಂತ್ರಜ್ಞಾನಕ್ಕೆ ಇನ್ನಷ್ಟು ಸಾಕಷ್ಟು ಆಸಕ್ತಿ  
■ ಕಾಲಕ್ಕೆ ತಕ್ಕಂತೆ ಉನ್ನತೀಕರಣವಾಗಬೇಕು



**ಮಾಸ**  
ಆಪ್ತರ ವೈಯಕ್ತಿಕ ತಂತ್ರಜ್ಞಾನ ಅಭಿವೃದ್ಧಿಯಾದ ದಿನಗಳಿಂದಲೂ ಆಯಾ ಕಾಲಘಟ್ಟಕ್ಕೆ ತಕ್ಕಂತೆ ಮಾಹಿತಿಗಾಗಿ ಬಂದಿದೆ. ಆದರೆ ಈ ಸಂದರ್ಭದಲ್ಲಿ ಆಪ್ತರ ವೈಯಕ್ತಿಕ ತಂತ್ರಜ್ಞಾನದಿಂದ ಸಾಕಷ್ಟು ಪ್ರಯೋಜನವಾಗುತ್ತಿದೆ. ಆದರೆ, ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಇನ್ನಷ್ಟು ಕ್ರಾಂತಿಕಾರಕ ಅಭಿವೃದ್ಧಿಗಳಾಗಬೇಕೆಂದು ವಿದ್ಯಾರ್ಥಿಗಳು ಹೆಚ್ಚಿನ ಸಂಶೋಧನೆಯಲ್ಲಿ ತೊಡಗುವಂತೆ ನಗರದ ಮಲ್ಟಿಮೀಡಿಯಾ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ.ಪಿ.ಪಿ.ಕಾಂತ್ ಹೇಳಿದ್ದಾರೆ.

ಇತ್ತೀಚೆಗೆ ಮೈಸೂರಿನ ವಿದ್ಯಾವಿಕಾಸ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ 'ಸಿಗ್ನಲ್ ಪ್ರೊಸೆಸಿಂಗ್ ಕಮ್ಯುನಿಕೇಷನ್ ಆಂಡ್ ಕಂಪ್ಯೂಟೇಷನ್ ರಿಸರ್ಚ್' ಎಂಬ

ವಿಷಯದ ಕುರಿತು ನಡೆದ ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಿಚಾರ ಸಂಕೀರ್ಣದಲ್ಲಿ ವಿಚಾರ ಮಂಡಿಸಿದ ಉನ್ನತೀಕರಣವಾಗಿದೆ. ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಆಯಾ ಕಾಲಘಟ್ಟಕ್ಕೆ ತಕ್ಕಂತೆ ಈ ತಂತ್ರಜ್ಞಾನ ಉನ್ನತೀಕರಣವಾಗಿದೆ. ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ಹೆಚ್ಚಿನ ಸಂಶೋಧನೆಯಲ್ಲಿ ತೊಡಗುವಂತೆ ನಗರದ ಮಲ್ಟಿಮೀಡಿಯಾ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ.ಪಿ.ಪಿ.ಕಾಂತ್ ಹೇಳಿದ್ದಾರೆ.

ಈಗಾಗಲೇ ಆಪ್ತರ ವೈಯಕ್ತಿಕ ತಂತ್ರಜ್ಞಾನದ ಅಭಿವೃದ್ಧಿಯನ್ನು ಆರೋಗ್ಯ ಮತ್ತು ರಕ್ಷಣಾ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಅತ್ಯಂತ ಪರಿಣಾಮಕಾರಿಯಾಗಿ

ಬಳಸಲಾಗುತ್ತಿದೆ. ಆರೋಗ್ಯ ಕ್ಷೇತ್ರದಲ್ಲಿ ಅತ್ಯಂತ ಕಠಿಣವಾದ ಶಸ್ತ್ರಚಿಕಿತ್ಸೆಗಳನ್ನು ಈ ತಂತ್ರಜ್ಞಾನದಿಂದ ಸುಲಭವಾಗಿ ಮಾಡಬಹುದಾಗಿದೆ. ಉದಾಹರಣೆಗೆ ಕಿಡ್ನಿಯಲ್ಲಿನ ಕಲ್ಲನ್ನು ಈ ಬಂದ ಶರೀರವನ್ನು ಕೊಯ್ದು ಮೂಲಕವೇ ಮಾಡಬೇಕಿತ್ತು. ಆದರೆ, ಆಪ್ತರ ವೈಯಕ್ತಿಕ ತಂತ್ರಜ್ಞಾನದಲ್ಲಿ ಈ ಬಂದ ಶರೀರವನ್ನು ಮಾತಿ ಆ ಮೂಲಕ ವೈಯಕ್ತಿಕವಾಗಿ ಕೊಯ್ದು ಅಭಿವೃದ್ಧಿಯನ್ನು ಆಪ್ತರ ವೈಯಕ್ತಿಕ ತಂತ್ರಜ್ಞಾನವನ್ನು ಬಳಸಿ ಅತ್ಯಂತ ಸುಲಭ ಮತ್ತು ಕಡಿಮೆ ಅಪಾಯದಲ್ಲಿ ಶಸ್ತ್ರಚಿಕಿತ್ಸೆ ಮಾಡಿ ಮುಗಿಸಬಹುದಾಗಿದೆ. ಇದರಿಂದ ಶಸ್ತ್ರಚಿಕಿತ್ಸೆಗೆ ಒಳಗಾಗುವ ರೋಗಿಯ ದೇಹಕ್ಕೂ ಹೆಚ್ಚಿನ ಗಾಯಗಳಾಗುವುದಿಲ್ಲ.

ಇಂತಹ ಅಮೆರಿಕ ತಂತ್ರಜ್ಞಾನ ಬಳಸಿ ಮಾಡುವ ಶಸ್ತ್ರಚಿಕಿತ್ಸೆಯಿಂದ ರೋಗಿಯೂ ಅತ್ಯಂತ ಬೆಗ್ಗೆ ಬೇತರಿಸಿಕೊಳ್ಳುತ್ತಾರೆ. ಇನ್ನು ರಕ್ಷಣಾ ವ್ಯವಸ್ಥೆ ಮತ್ತು ದೂರ ಸಂವಹನ ಕ್ಷೇತ್ರದಲ್ಲಿ ಈ ತಂತ್ರಜ್ಞಾನ ಹೆಚ್ಚು ಪರಿಣಾಮಕಾರಿಯಾಗಿ ಬಳಕೆಯಾಗುತ್ತಿದೆ ಎಂದು ವಿವರಿಸಿದರು. ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯ ಕಾರ್ಯದರ್ಶಿ

ವಿಚಾರ ಸಂಕೀರ್ಣದಲ್ಲಿ ಕಾನೂನುಬಾಹಿರವಾದ ಡ್ರಾಗನ್ ಸರ್ಕಲ್ ಕೆಲಸವನ್ನು ಮಾಡಿ ಪೊಲೀಸ್ ಠಾ.ನಂದೀತೋ ಮುಖ್ಯೋಪಾಧ್ಯಾಯ ಬೆಂಗಳೂರಿನ ಜೈನ್ ವಿಶ್ವವಿದ್ಯಾಲಯ ಡಾ.ವೈದ್ಯ ಮೈಸೂರು, ಮುಖ್ಯೋಪಾಧ್ಯಾಯ ಡಾ.ಬಿ.ಎಂ.ಭಾಮಣಿ ಹಾಗೂ ಇತರರು

- 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 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







- 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 ,Andra 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, Shraavanabelagola,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, Shraavanabelagola,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, Shraavanabelagola,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 (ICASSET-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





## ನ್ಯಾನೋ ತಂತ್ರಜ್ಞಾನದಿಂದ ಕ್ರಾಂತಿಕಾರಕ ಬದಲಾವಣೆ

**ಹಾಸನ:** ನ್ಯಾನೋ ತಂತ್ರಜ್ಞಾನದಿಂದಾಗಿ ಆರೋಗ್ಯ, ವಿಜ್ಞಾನ ಮತ್ತು ರಕ್ಷಣಾ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಕ್ರಾಂತಿಕಾರಕ ಬದಲಾವಣೆಗಳಾಗಿದೆ ಎಂದು ನಗರದ ಮಲ್ಲಾಡ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ.ಪಿ.ಸಿ.ಶ್ರೀಕಾಂತ್ ತಿಳಿಸಿದರು.

ಇತ್ತೀಚೆಗೆ ಕಾನ್ಪುರದ ಐಐಟಿಯಲ್ಲಿ ನಡೆದ ಮೋಟಾರ್-2016 ಎಂಬ ಅಂತರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಮಾತನಾಡಿದ ಅವರು, ನ್ಯಾನೋ ಸೆನ್ಸಾರ್ ಮತ್ತು ಬಳಕೆಯ ಕುರಿತು ಮಾತನಾಡಿದರು. ಪ್ರಮುಖವಾಗಿ ಕುಡಿಯುವ ನೀರಿನಲ್ಲಿರುವ ಫ್ಲೋರೈಡ್ ಅಂಶವನ್ನು ಪತ್ತೆ ಮಾಡಲು ಈ ತಂತ್ರಜ್ಞಾನ ಹೆಚ್ಚಿನ ಉಪಯುಕ್ತವಾಗಿದೆ. ಇತ್ತೀಚಿನ ದಿನಗಳಲ್ಲಿ ನೀರಿನಲ್ಲಿ ಫ್ಲೋರೈಡ್ ಅಂಶ ಹೆಚ್ಚಾಗಿ ಪತ್ತೆಯಾಗುತ್ತಿದೆ. ಇಂತಹ ನೀರನ್ನು ಕುಡಿದ ಜನರಲ್ಲಿ ಅಂಗವೈಕಲ್ಯಗಳು ಕಂಡುಬರುತ್ತವೆ. ಹಾಗಾಗಿ ಭೂಮಿಯ ಅಂತರಾಳದಲ್ಲಿ ಸಿಕ್ಕ ನೀರು ಫ್ಲೋರೈಡ್ ಮುಕ್ತವಾಗಿದ್ದು, ಕುಡಿಯಲು ಯೋಗ್ಯವಾಗಿದೆಯೇ ಎನ್ನುವುದನ್ನು ಈ ತಂತ್ರಜ್ಞಾನದಿಂದ ತಿಳಿದುಕೊಳ್ಳಬಹುದಾಗಿದೆ ಎಂದರು.

ವೈದ್ಯಕೀಯ ಕ್ಷೇತ್ರದಲ್ಲಿ ಈ ತಂತ್ರಜ್ಞಾನ ಪರಿಣಾಮಕಾರಿಯಾಗಿ ಬಳಕೆಯಾಗುತ್ತಿದೆ. ಹಾಲಿ ರಕ್ತ ಪರೀಕ್ಷೆಗೆ ಗಂಟೆಗಟ್ಟಲೆ ಇಲ್ಲವೆ ದಿನಗಟ್ಟಲೆ ಸಮಯ ತೆಗೆದುಕೊಳ್ಳುತ್ತಾರೆ. ಆದರೆ, ಈ ತಂತ್ರಜ್ಞಾನ ಬಳಕೆಯಿಂದ ಕೆಲವೇ ನಿಮಿಷಗಳಲ್ಲಿ ರಕ್ತದ ಮಾದರಿಯನ್ನು ಪರೀಕ್ಷಿಸಿ ವರದಿ ನೀಡಬಹುದಾಗಿದೆ.

ಇದರಿಂದ ರೋಗಿಗಳ ಸಮಯದ ಉಳಿತಾಯವೂ ಆಗುತ್ತದೆ. ಇನ್ನು ಇದೇ ತಂತ್ರಜ್ಞಾನವನ್ನು ಪೊಲೀಸ್ ಇಲಾಖೆಯಲ್ಲಿ ಬಳಕೆ ಮಾಡುವುದರಿಂದ ಅಪರಾಧ ಪತ್ತೆಯಲ್ಲಿಯೂ ಆತಿ ಶೀಘ್ರವಾಗಿ ಸಾಧನೆ ಮಾಡಬಹುದಾಗಿದೆ. ಹಾಗೆಯೇ ರಕ್ಷಣಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಈ ತಂತ್ರಜ್ಞಾನ ಅನಿವಾರ್ಯವಾಗಿದೆ. ಏಕೆಂದರೆ, ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಬಯೋ ವಾರ್ (ಜೈವಿಕ ಯುದ್ಧ) ಅಂದರೆ, ಒಂದು ರಾಷ್ಟ್ರ ತನ್ನ ಶತ್ರು ರಾಷ್ಟ್ರದ ಮೇಲೆ ರೋಗಗಳನ್ನು ಉಂಟುಮಾಡುವ ರೋಗಾಣುಗಳನ್ನು ಹೊತ್ತ ಬಾಂಬನ್ನು ಪ್ರಯೋಗಿಸುತ್ತಾರೆ. ಆಗ ಶತ್ರು ರಾಷ್ಟ್ರದ ಜನರು ಇಲ್ಲಸಲ್ಲದ ಕಾಯಿಲೆಗಳಿಗೆ ತುತ್ತಾಗಿ ಆ ರಾಷ್ಟ್ರ ತನ್ನ ಮಾನವ ಸಂಪನ್ಮೂಲವನ್ನು ಕಳೆದುಕೊಂಡು ದುರ್ಬಲವಾಗುತ್ತದೆ. ಹಾಗಾಗಿ ನ್ಯಾನೋ ತಂತ್ರಜ್ಞಾನದ ಮೂಲಕ ವಾತಾವರಣದಲ್ಲಿ ಎಂತಹ ವೈರಾಣುಗಳಿವೆ ಎನ್ನುವುದನ್ನು ಸುಲಭವಾಗಿ ಪತ್ತೆ ಮಾಡಬಹುದಾಗಿದೆ ಎಂದರು. ಕಾರ್ಯಾಗಾರದ ಮುಖ್ಯಸ್ಥ ಡಾ.ದೇಬಬ್ರತ ಗೋಸ್ವಾಮಿ, ಆಸ್ಟೇಲಿಯಾದ ಡಾ.ಜಗದೀಶ್ ಚಟ್ಟರ್ಜಿ ಹಾಗೂ ಇತರ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಳು ಹಾಜರಿದ್ದರು.



ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಡಾ.ಪಿ.ಸಿ.ಶ್ರೀಕಾಂತ್ ಅವರನ್ನು ಪಂಜಾಬ್‌ನ ಐಐಟಿಯ ಡಾ.ರಾಜೀಶ್ ಸ್ವಾಗತಿಸಿದರು.

- 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



## ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಿಚಾರಸಂಕಿರಣ

ಹಾಸನ: ನಗರದ ಮಲೆನಾಡು ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ.ಪಿ.ಸಿ.ಶ್ರೀಕಾಂತ್ ಇತ್ತೀಚೆಗೆ ಮಹಾರಾಷ್ಟ್ರದ ಕೊಲ್ಹಾಪುರದಲ್ಲಿ ನಡೆದ ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಿಚಾರಸಂಕಿರಣದಲ್ಲಿ ಪಾಲ್ಗೊಂಡಿದ್ದರು.

ಕೊಲ್ಹಾಪುರದ ಶರದ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ 'ಎಂಜಿನಿಯರಿಂಗ್ ತಂತ್ರಜ್ಞಾನಕ್ಕೆ ಇಂದಿನ ಸವಾಲುಗಳು' ಕುರಿತಂತೆ ನಡೆದ ವಿಚಾರ ಸಂಕಿರಣದಲ್ಲಿ ಪ್ರಾಸ್ತಾವಿಕ ತಂತ್ರಜ್ಞಾನದ ಬಗ್ಗೆ ಮಾತನಾಡುತ್ತಾ, ಈ ತಂತ್ರಜ್ಞಾನವನ್ನು ರೋಗಗಳ ಪತ್ತೆಗೆ, ಮುಂದೆ ಬರಬಹುದಾದ ಕಾಯಿಲೆಗಳನ್ನು ಗುರುತಿಸಲು, ದೇಹದಲ್ಲಾಗುವ ಏರುಪೇರುಗಳನ್ನು ಗುರುತಿಸಲು ಬಳಸಲಾಗುತ್ತದೆ. ನ್ಯಾನೋ ಚಿಪ್ಪನ್ನು ದೇಹದಲ್ಲಿ ಅಳವಡಿಸಿ ದೇಹದ ಏರುಪೇರುಗಳ ಬಗ್ಗೆ ನಿಗಾ ಇಡಬಹುದಾಗಿದೆ.

ಹಾಗೆಯೇ ರಕ್ಷಣಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಜಲಾಂತರ್ಗಾಮಿಗಳ ದಾಳಿ ಮೇಲೆ ನಿಗಾ ಇಡಲು ಈ ತಂತ್ರಜ್ಞಾನ ನೆರವಾಗಲಿದೆ ಎಂದು ಹೇಳಿದರು. ಕಾಲೇಜಿನ ಕಾರ್ಯದರ್ಶಿ ಭಗಾನಿ ಮಾತನಾಡುತ್ತಾ, ಪ್ರಸ್ತುತ ಸನ್ನಿವೇಶಗಳಲ್ಲಿ ಎಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರ ಸಾಕಷ್ಟು ಸವಾಲುಗಳನ್ನು ಎದುರಿಸುತ್ತಿದೆ. ಆಧುನಿಕ ಬದಲಾವಣೆಗಳಿಗೆ ತಕ್ಕಂತೆ ಆವಿಷ್ಕಾರಗಳನ್ನು ಮಾಡುವ ನಿಟ್ಟಿನಲ್ಲಿ ಸಂಶೋಧನೆಗಳು ನಡೆಯಬೇಕು. ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ಅಧ್ಯಯನ ನಡೆಸಬೇಕು ಎಂದು ಕರೆ ನೀಡಿದರು.

ಧಾರವಾಡದ ಕರ್ನಾಟಕ ವಿವಿ ಅಧ್ಯಕ್ಷರಾದ ಡಾ.ರಾಯ್, ಬೆಂಗಳೂರಿನ ಟಾಟಾ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿಯ ಡಾ.ಗೋಪಾಲ ಹೆಗಡೆ ಹಾಗೂ ಇತರರು ಇದ್ದರು.



ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಶ್ರೀಕಾಂತ್ ಅವರನ್ನು ಸನ್ಮಾನಿಸಲಾಯಿತು.

- 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.



## ಕ್ವಾಂಟಂ ತಂತ್ರಜ್ಞಾನದಿಂದ ಹ್ಯಾಕಿಂಗ್ ನಿಯಂತ್ರಣ

ಹಾಸನ: ತಂತ್ರಾಂಶ (ಹಾಟ್) ವನ್ನು ಒಂದೆಡೆಯಿಂದ ಮತ್ತೊಂದೆಡೆಗೆ ಕಳುಹಿಸುವ ವಿಧಾನಗಳಲ್ಲಿ ಇತ್ತೀಚಿನ ಸಂಶೋಧನೆಯಾದ ಕ್ವಾಂಟಂ ತಂತ್ರಜ್ಞಾನದಿಂದ ಹ್ಯಾಕಿಂಗ್ ಸಮಸ್ಯೆಯನ್ನು ತಪ್ಪಿಸಬಹುದಾಗಿದೆ ಎಂದು ನಗರದ ಮಲ್ಲೇನಾಡು ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ. ಪಿ.ಸಿ.ಶ್ರೀಕಾಂತ್ ಹೇಳಿದರು.

ಇತ್ತೀಚೆಗೆ ಬೆಂಗಳೂರಿನ ಚಿಕ್ಕವಾಣಾವರದ ಆರ್. ಆರ್. ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಕಂಪ್ಯೂಟರ್ ಕ್ಷೇತ್ರದಲ್ಲಿ ಇತ್ತೀಚಿನ ಸಂಶೋಧನೆಗಳು ಎನ್ನುವ ವಿಷಯದ ಕುರಿತಂತೆ ನಡೆದ ಅಂತಾರಾಷ್ಟ್ರೀಯ ವಿಚಾರ ಸಂಕರಣದಲ್ಲಿ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿ ಮಾತನಾಡಿದ ಅವರು, ಹಾಲಿ ತಂತ್ರಾಂಶವನ್ನು ರ್ಯಾಂಡಂ ಮಾದರಿಯಲ್ಲಿ ಆಪ್ಟಿಕಲ್ ಫೈಬರ್ ಕೇಬಲ್‌ಗಳ ಮೂಲಕ ಕಳುಹಿಸಲಾಗುತ್ತಿದೆ. ಆದರೆ, ಈ ತಂತ್ರಜ್ಞಾನದಲ್ಲಿ ಮಾಹಿತಿ ಸೋರಿಕೆಯಾಗುವ ಸಾಧ್ಯತೆಗಳಿರುತ್ತವೆ ಎಂದು ಆತಂಕ ವ್ಯಕ್ತಪಡಿಸಿದರು.

ತಂತ್ರಾಂಶ ವರ್ಗಾವಣೆಯಲ್ಲಿ ಕ್ವಾಂಟಂ ತಂತ್ರಜ್ಞಾನ ಬಳಕೆ ಮಾಡುವುದರಿಂದ ಹೆಚ್ಚು ಸುರಕ್ಷಿತವಾಗಿರುತ್ತದೆ. ತಂತ್ರಾಂಶವನ್ನು ಕ್ಯೂ ಬಿಟ್ ಆಗಿ ಪರಿವರ್ತನೆ ಮಾಡಿ ಆಪ್ಟಿಕಲ್ ಫೈಬರ್ ಕೇಬಲ್ ಮೂಲಕ ವರ್ಗಾವಣೆ ಮಾಡುವುದರಿಂದ ಯಾವುದೇ ಮಾಹಿತಿಗಳನ್ನು ಹ್ಯಾಕಿಂಗ್ ಮಾಡಲು ಸಾಧ್ಯವಾಗುವುದಿಲ್ಲ. ಹಾಗಾಗಿ ಈ ತಂತ್ರಜ್ಞಾನವನ್ನು



ವಿಚಾರ ಸಂಕರಣದಲ್ಲಿ ಕೈಪಿಡಿ ಬಿಡುಗಡೆ ಮಾಡಲಾಯಿತು.

ರಕ್ಷಣಾ ಕ್ಷೇತ್ರ ಮತ್ತು ಬ್ಯಾಂಕಿಂಗ್ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಅತ್ಯಂತ ಪರಿಣಾಮಕಾರಿಯಾಗಿ ಬಳಕೆ ಮಾಡಬಹುದಾಗಿದೆ. ಈಗಾಗಲೇ ಈ ನಿಟ್ಟಿನಲ್ಲಿ ನೆರೆಯ ಚೀನಾ ದೇಶದಲ್ಲಿ ಸುಮಾರು 2 ಸಾವಿರ ಕಿಲೋಮೀಟರ್‌ನಷ್ಟು ದೂರದ ಆಪ್ಟಿಕಲ್ ಫೈಬರ್ ಕೇಬಲ್‌ಗಳ ಅಳವಡಿಕೆ ಮಾಡಲಾಗಿದೆ. ಇದೇ ಮಾದರಿಯಲ್ಲಿ ನಮ್ಮ ದೇಶದಲ್ಲೂ ಈ ತಂತ್ರಜ್ಞಾನವನ್ನು ಬಳಕೆ ಮಾಡಿಕೊಂಡಲ್ಲಿ ಗೌಪ್ಯ ಮಾಹಿತಿಗಳನ್ನು ಸಂರಕ್ಷಿಸಬಹುದಾಗಿದೆ ಎಂದರು.

ಮುಖ್ಯ ಅತಿಥಿಗಳಾಗಿದ್ದ ಪ್ರಾಂಶುಪಾಲೆ ಡಾ.ಭಾಗ್ಯ ಶೇಖರ್ ಮಾತನಾಡುತ್ತಾ, ಇತ್ತೀಚಿನ

ದಿನಗಳಲ್ಲಿ ಕಂಪ್ಯೂಟರ್ ಕ್ಷೇತ್ರದಲ್ಲಿ ಭಾರೀ ವೇಗದ ಬದಲಾವಣೆಗಳಾಗುತ್ತಿವೆ. ಇಂದು ಇದ್ದ ತಂತ್ರಜ್ಞಾನ ನಾಳೆಯ ಹೊತ್ತಿಗೆ ಹಳೆಯದಾಗಿರುತ್ತದೆ. ಹಾಗಾಗಿ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಸದಾ ಸಂಶೋಧನೆಯಲ್ಲಿ ತೊಡಗಿಸಿಕೊಳ್ಳುವ ಆಗತ್ಯವಿದೆ ಎಂದು ಕರೆ ನೀಡಿದರು.

ವಿಚಾರ ಸಂಕರಣದಲ್ಲಿ ಮೊಘೆಸರ್ ಡಾ.ಮನೋಜ್ ಪ್ರಿಯತಂ, ಬೆಂಗಳೂರಿನ ದಯಾನಂದ ಸಾಗರ್ ಯೂನಿವರ್ಸಿಟಿಯ ಪ್ರೊಫೆಸರ್ ಡಾ. ವೈದ್ಯ ಮಸರಾಂ ಹಾಗೂ ಇತರರು ಪಾಲ್ಗೊಂಡಿದ್ದರು.

- 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 (ICOTSC-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 14th 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 15th February. 2018, Workshop on Nano Photonics, Organized by: Balaji Institute of Technology and Science, Narsampet, Warangal, India.



- High Speed Optical Networkson 15<sup>th</sup> February. 2018, Workshop on Nano Photonics, Organized by: Balaji Institute of Technology and Science, Narsampet, Warangal, India.





- Medical Application of LASER on 15<sup>th</sup> February, 2018, Workshop on Nano Photonics, Organized by: Balaji Institute of Technology and Science, Narsampet, Warangal, India.

## ಭಾರತೀಯ ಸಂಶೋಧಕರಿಗೆ ಸಿಗದ ಸೂಕ್ತ ವೇದಿಕೆ



ಅಂತಾರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸುತ್ತಿರುವ ಮಲೆನಾಡು ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಧ್ಯಾಪಕ ಶ್ರೀಕಾಂತ್ ಹಾಗೂ ಮತ್ತಿತರರು.

**ಸಂ.ಕ.ಸಮಾಚಾರ ಹಾಸನ**

ಭಾರತದ ಅನೇಕ ಸಂಶೋಧಕರು ಸಾಕಷ್ಟು ಆವಿಷ್ಕಾರಗಳನ್ನು ಮಾಡಿದರೂ ಕೂಡ ಅದರ ಬಗ್ಗೆ ಜಾಗತಿಕ ಮಟ್ಟದಲ್ಲಿ ಪ್ರಚಾರ ಮಾಡಿಕೊಳ್ಳದ ಕಾರಣ ಆ ಸಂಶೋಧನೆಯ ಹಿರಿಮೆ ಬೇರೆ ದೇಶದವರ ಪಾಲಾಯಿತು ಎಂದು ನಗರದ ಮಲೆನಾಡು ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಧ್ಯಾಪಕ ಶ್ರೀಕಾಂತ್ ವಿಷಾದಿಸಿದರು.

ಅವರು ಇತ್ತೀಚೆಗೆ ನೆರೆಯ ಆಂಧ್ರಪ್ರದೇಶದ ವಾರಂಗಲ್‌ನ ಬಾಲಾಜಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಕಾಲೇಜಿನಲ್ಲಿ 'ಎಮರ್ಜಿಂಗ್ ಟ್ರೆಂಡ್ ಇನ್ ಸೈನ್ಸ್ ಅಂಡ್ ಟೆಕ್ನಾಲಜಿ' ವಿಷಯಾಧಾರಿತ ಅಂತಾರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಮುಖ್ಯ ಅತಿಥಿಯಾಗಿ ಮಾತನಾಡುತ್ತಾ, ಭಾರತದ ಜಿ.ಸಿ.ಬೋಸ್ ವಿಶ್ವದಲ್ಲಿ ಮೊಟ್ಟ ಮೊದಲ ಬಾರಿಗೆ ಪ್ರಸಾರ ಶಿಶು ಅಭಿವೃದ್ಧಿ ತಂತ್ರಜ್ಞಾನವನ್ನು ಕಂಡುಹಿಡಿದರು.

ಹಾಗೆಯೇ ಕೋಲಾರದ ನರಸಿಂಹಶಾಸ್ತ್ರಿ ವಿಮಾನ ಮಾದರಿಯನ್ನು ತಯಾರಿಸಿದರಾದರೂ ಅದರ ಕೀರ್ತಿ ಇವರಿಗೆ ಸಿಗಲೇ ಇಲ್ಲ. ಇದಕ್ಕೆ ಕಾರಣ ಇವರು ತಾವು ಸಂಶೋಧಿಸಿದ ಆವಿಷ್ಕಾರಗಳ ಬಗ್ಗೆ ಪ್ರಚಾರ ಮಾಡಿಕೊಳ್ಳದಿರುವುದು. ಅವರಿಗೆ ಇಂತಹ ವೇದಿಕೆಗಳು ಸಿಗದಿರುವುದು ಕೂಡ ಕಾರಣ. ಹಾಗಾಗಿ ಇವರ ಸಾಧನೆಗೆ ಸಿಗಬೇಕಾದ ಕೀರ್ತಿ ಇವರಿಗೆ ಸಿಗಲಿಲ್ಲ ಎಂದು ವಿಷಾದಿಸಿದರು.

ಅಧ್ಯಕ್ಷ ರಾಜೇಂದ್ರ ಪ್ರಸಾದ್ ಮಾತನಾಡಿದರು. ಹೈದರಾಬಾದ್‌ನ ಆರ್‌ಸಿಐ ವಿಜ್ಞಾನಿ ಡಾ.ವರಪ್ರಸಾದ್, ಪ್ರಾಂಶುಪಾಲ ಡಾ.ಹರಿಹರನ್, ಡಾ.ಮಣಿಕಂಠನ್ ಹಾಗೂ ಇತರರಿದ್ದರು.

- Surface Plasmon Resonance on 15<sup>th</sup> 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> & 17<sup>th</sup> 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 16<sup>th</sup> March , 2018, at International Conference on Applied Science Engineering and Technology (ICASET-2018), Organized by Sengunthar College of Engineering, Tirchengode, Tamilnadu, India.

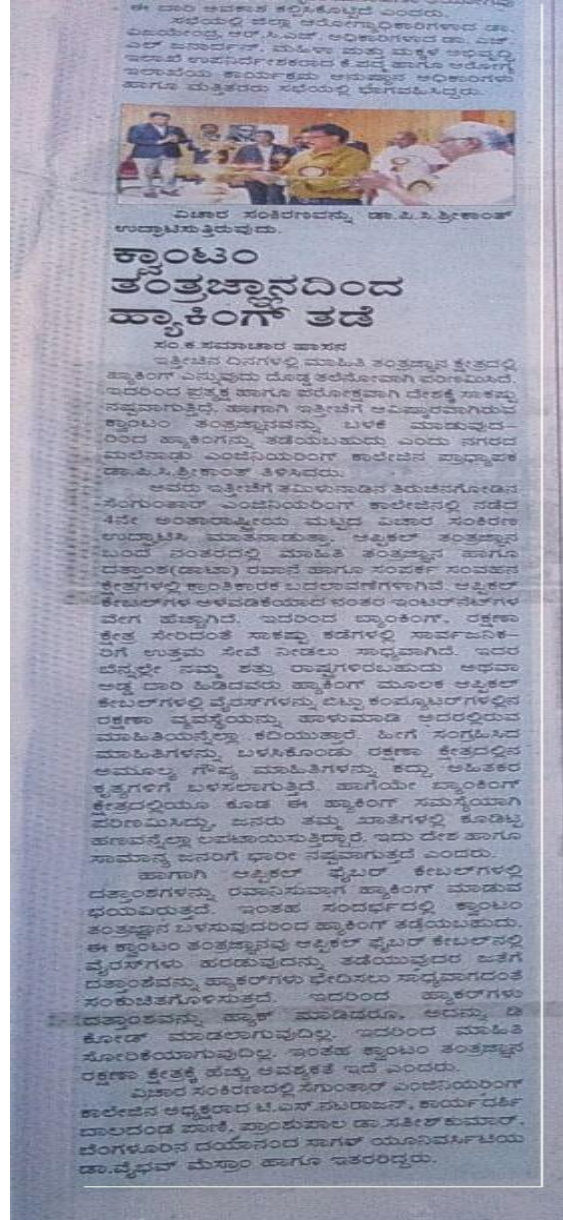




- Medical Application of LASER on 17<sup>th</sup> March, 2018, Workshop on Nano Photonics, Organized by: Sengunthar College of Engineering, Tirchengode, Tamilnadu, India.







- Optical Computing on 17<sup>th</sup> March, 2018, Workshop on Nano Photonics, Organized by: Sengunthar College of Engineering, Tirchengode, Tamilnadu, India.



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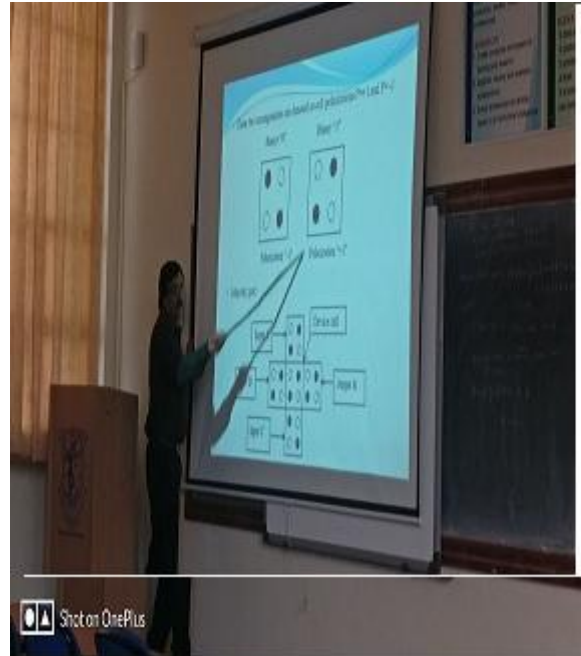
- Optical Communication on 7th September. 2018, Workshop on Nano Photonics, Organized by: Mahendra Engineering College , Salem , Tamilnadu, India.



- 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 , Andhra 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 3<sup>rd</sup> and 8<sup>th</sup> December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- Survivability Issues in Optical Networks during 3<sup>rd</sup> and 8<sup>th</sup> December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- NanoSensors during 3<sup>rd</sup> and 8<sup>th</sup> December. 2018, FDP on Recent Advances in Photonics conducted by Instrumentation Dept., Jorhat College of Engineering, Jorhat, Assam.
- Quantum Cellular Automata during 3<sup>rd</sup> and 8<sup>th</sup> December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- Quantum Communication during 3<sup>rd</sup> and 8<sup>th</sup> December. 2018 ,FDP on Recent Advances in Photonics conducted by Instrumentation Dept. ,Jorhat College of Engineering, Jorhat, Assam.
- Quantum Communication on 8<sup>th</sup> March. 2019, Workshop on Nano Photonics, Organized by: PG Center Hemangothri . University of Mysore ,Hassan, India.
- Quantum Computing on 8<sup>th</sup> March. 2019, Workshop on Nano Photonics, Organized by: PG Center Hemangothri . University of Mysore ,Hassan, India.



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.



न -प्रो.लाक्ष्मीनारायण हाजरा, अतसराष्ट्र  
स आर्टिक्स विशेषज्ञ जनरल ऑ  
ऑर्टिक्स।



● नैनो फोटोनिक्स  
सेंसर का इस्तेमाल  
स्वास्थ्य क्षेत्र में ले  
से हो रहा है। यह छोटी  
से छोटी बैक्टीरिया  
वायरस फ्लोराइड  
पता लगाने में महत्वपूर्ण है। देश में  
टेक्नोलॉजी चल रही उससे बैक्टीरिया  
वायरस का पता लगाने में एक-दो  
लगता है। नैनो फोटोनिक्स के ज  
किसी भी छोटी से छोटी भक्ति  
का तुरंत पता लगाया जा सकता  
-प्रो.पीसी श्रीकांत, मलानंद कॉलेज ऑ  
इंजीनियरिंग कर्नाटक।

**ख पद के**  
**कन**  
पद बसपा से  
नेता विवेक यादव को  
निर्वाचित के चलते  
में से प्रभुतासिंह का  
ह आकराती पाटी  
काया मौलान ने कहा  
उन्होंने बताया कि  
की संसुति पर वह

**एसडीएम ने कोटे  
की दुकानों का  
किया निरीक्षण**  
बनारसपुर। एसडीएम अजीत कुमार सिंह  
व पुन निरीक्षण कोटे की दुकानों का  
आयोजित किया। इस दौरान कोटे की  
दुकानों में बंद निली। ग्रामीणों ने विकास  
किया था कि विकास खंड बनारसपुर के  
रामपुर गांव की कोटेदार कादर देवी व  
महाराजराज विकास खंड के सोनू गांव  
के सस्ते गले की कोटेदार प्रभा देवी  
का खाद्यान्न वितरण में अनियमितता  
की जा रही है।  
विचारकों को लेकर एसडीएम ने  
पुन निरीक्षण संग औरक निरीक्षण  
किया तो मौके पर दोनों दुकानें बंद मिली।  
एसडीएम ने दोनों दुकानदारों को नोटिस  
जारी करते हुए 15 जुलाई तक  
सुधार करवाया।  
पर एसडीएम श्री सिंह ने कहा कि  
ग्रामीणों की शिकायतें सच साबित हुई हैं।  
दोनों दुकानदारों पर कार्रवाई की जाएगी।

**फैकल्टी डेवलपमेंट प्रोग्राम का समापन**  
पीयू  
जिलापु। डीएल हाउसिंग  
के द्वारा वैज्ञानिक उपकरण सहायक  
शोधक के वैज्ञानिक डा. राजकुमार श्री  
उपस्थित होकर कार्यक्रम पर उद्घाटन  
दिया। कहा कि वह तकनीक देश में  
मूल्य गया थी। बढ़े-बढ़े ज्ञान और  
अभिरुचि अपने प्रचार के लिए इसका  
प्रयोग कर रहे हैं। इस तकनीक में दो  
तकनीक थी थी एवं होलायस का संयम  
है। तकनीकों का संगम होता है तो जी  
उपस्थित होकर कार्यक्रम का निर्माण होता  
है। डॉ. बहादुर सिंह पूर्व प्रधान  
विश्वविद्यालय परिसर में विश्व बैंक के  
मध्यम से संचालित हो रहे टेक्नो-आर्पी-  
।।। परियोजना के अंतर्गत कालेज आफ  
इंजीनियरिंग हासुर, मंडर संस्था पूर्वोत्तर  
केवेंज आर इंजीनियरिंग मोड्यूल एवं  
उपस्थित सिंह इंजीनियरिंग संस्थान के  
संयुक्त तत्वाधान में चल रहे पांच  
दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम  
का शुक्रवार को समापन हुआ। समापन

**जिला पंचायत की  
वैठक स्थगित**  
जिलापु। जिला पंचायत की बैठक  
27 जुलाई को पूर्वाह्न 11 बजे  
जिला पंचायत परभवास में होगी।  
इसके पहले वह बैठक 13 जुलाई  
को आयोजित थी। वह जनकपुरी  
आर मुख्य अधिकारी ने प्रेस  
वार्ता में दी है।

**डमरु में आवेदन  
तिथि बढ़ी**  
जिलापु। डॉ. बहादुर सिंह  
पूर्व प्रधान विश्वविद्यालय विश्व  
इसने जो आवेदन आवेदन की  
तिथि बढ़ा दी है। आवेदन के  
के समनसक डा. आरुण  
कुमार सिंह ने बताया की 6 माह  
के स्टडीरिपोर्ट परीक्षण में  
प्रवेश की अंतिम तिथि 15  
जुलाई से बढ़ाकर 31 जुलाई  
कर दी गयी है। अन्य सभी  
पारदर्शक जैसे निर्माण  
स्वास्थ्य एवं स्वास्थ्य में अन्य  
साधन एवं स्वास्थ्य में अन्य  
से प्रवेश की अंतिम तिथि पूर्व  
की भांति 31 जुलाई तक है।



ವಿದ್ಯಾಸಂಸ್ಥೆಯು ಅಕ್ಷರ ಅನುಸಾರವಾಗಿ ಬರೆಯಬಹುದಾದ ಮೂಲತತ್ವವನ್ನು ಘಟನೆಯನ್ನು ಹಲವು ರೀತಿಯಲ್ಲಿ ಅನ್ವಯಿಸಿ ಈ ಶಿಕ್ಷಣ ಪ್ರಕ್ರಿಯೆಯನ್ನು ಹೆಚ್ಚು ಸಮರ್ಪಕವಾಗಿ ಇರಾಖಬೇಕು ಎಂದು ತೀರ್ಮಾನಿಸಿ ಹಂಚಿಕೊಂಡರು.

## ಕ್ಯಾನ್ಸರ್ ನಿವಾರಣೆ, ವೈರಾಣು ಪತ್ತೆಗೆ ನ್ಯಾನೋ ಘಟಾನಿಕ್ಸ್ ತಂತ್ರಜ್ಞಾನದ ಪಾತ್ರ ಮಹತ್ವದ್ದು

ಹಾಸನ, ಮಾ. 20: ನ್ಯಾನೋ ಘಟಾನಿಕ್ಸ್ ತಂತ್ರಜ್ಞಾನದಿಂದ ವೈರಾಣು, ಬ್ಯಾಕ್ಟೀರಿಯಾಗಳ ಅತೀ ಶೀಘ್ರದಲ್ಲಿ ಪತ್ತೆ ಹಚ್ಚಬಹುದಲ್ಲದೆ ಸಂಶೋಧನೆ ಸಮೀಪದಿಗೊಳಿಸಲು ಸಹಕಾರಿಯಾಗಲಿದೆ ಎಂದು ಹಾಸನ ಮಲೆನಾಡು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಅಂಡ್ ಕಮ್ಯುನಿಕೇಷನ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ. ಪಿ.ಸಿ. ಶ್ರೀಕಾಂತ್ ತಿಳಿಸಿದರು. ಉತ್ತರ ಪ್ರದೇಶದ ವಾರಣಾಸಿಯ ಪೂರ್ವಾಂಚಲ ವಿಶ್ವವಿದ್ಯಾಲಯದಲ್ಲಿ ಇತ್ತೀಚೆಗೆ ನಡೆದ ವಿಶೇಷ ಕನ್ಫರೆನ್ಸ್ ಮತ್ತು ಕನ್ಸೂಟರ್ ಆಹ್ವಾನಿತ ಅಂತಾರಾಷ್ಟ್ರೀಯ ಸಮ್ಮೇಳನ ಸೈನ್ಸ್ ಇಂಜಿನಿಯರಿಂಗ್‌ನಲ್ಲಿ ಇತ್ತೀಚಿನ ದಲ್ಲಿ ಎಲೆಕ್ಟ್ರಿಕ್ಸ್, ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಅಂಡ್ ಬೆಳವಣಿಗೆ ಕುರಿತು ನ್ಯಾನೋ

ಘಟಾನಿಕ್ಸ್ ತಂತ್ರಜ್ಞಾನದ ಪಾತ್ರದ ಬಗ್ಗೆ ಉಪನ್ಯಾಸ ನೀಡುತ್ತ ಆರೋಗ್ಯ ಕ್ಷೇತ್ರದಲ್ಲಿ ಕ್ಯಾನ್ಸರ್ ಮೊದಲ ಹಂತದಲ್ಲಿ ಪತ್ತೆ ಹಚ್ಚಿ ಗುಣಪಡಿಸುವ ತಂತ್ರಜ್ಞಾನ ಮುಂದುವರೆದಿದೆ ಎಂದವರು ವಿವರಿಸಿದರು. ಚಂದೀಗಢ ಜಿ ಜಿ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಡಾ. ದೇವೇಂದ್ರ ಮೋಹನ್ ಸಮ್ಮೇಳನದ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಕಾಲೇಜು ಆಡಳಿತ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷ ಡಾ. ಅಜಯ್ ಶಂಕರ್ ಮತ್ತಿತರರು ಭಾಗವಹಿಸಿದ್ದರು.

(1ನೇ ಪುಟದಿಂದ....)

- 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.

## ಕ್ವಾಂಟಮ್ ತಂತ್ರಜ್ಞಾನದಿಂದ ಕದಿಯುವಿಕೆ ಅಸಾಧ್ಯ: ಡಾ. ಶ್ರೀಕಾಂತ್



ಹಾಸನ, ಮಾ. 19: ಐನ್ ಸ್ಟೀನ್, ಶ್ರಾಡ್‌ಚೆರ್ ಇವರು ಹಾಕಿಕೊಟ್ಟ ಅಡಿಪಾಯದ ಮೇಲೆ ಕ್ವಾಂಟಮ್ ತಂತ್ರಜ್ಞಾನವು ಬಹುಬೇಗ ವಿಶ್ವವ್ಯಾಪ್ತಿ ವ್ಯಾಪಿಸಿದೆ; ಈ ತಂತ್ರಜ್ಞಾನ ಕದಿಯುವಿಕೆಯನ್ನು ಸಂಪೂರ್ಣವಾಗು ನಿಲ್ಲಿಸ ಬಹುದಾಗಿದೆ ಎಂದು ಹಾಸನ ಮಲೆನಾಡು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯುನಿಕೇಷನ್ ವಿಭಾಗದ ಹಿರಿ ಯ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ. ಪಿ.ಸಿ. ಶ್ರೀಕಾಂತ್ ಅಭಿಪ್ರಾಯಪಟ್ಟರು. ಅವರು ತಮಿಳುನಾಡಿನ ತೂ ತುಕುಡಿಯಲ್ಲಿನ ವಿ.ಒ. ಚಿದಂಬರಂ ಸ್ನಾತಕೋತ್ತರ ಕಾಲೇಜಿನ ಘೌತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಇಂಟರ್ ನಲ್ ಕ್ವಾಲಿಟಿ ಅಕ್ಯಾಡೆಮಿಕ್ಸ್ ಸೆಲ್ (ಐಕ್ಯುವಿಸಿ) ವತಿಯಿಂದ ಕಾಲೇ ಜಿನ ಗೋಲ್ಡನ್ ಜ್ಯುಬಿಲಿ

ಹಾಲ್‌ನಲ್ಲಿ ಏರ್ಪಡಿಸಿದ್ದ ವಿಶೇಷ ಅಧ್ಯಾಸಿತ ಉಪನ್ಯಾಸ ಕಾರ್ಯಕ್ರಮದ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಯಾ/ ಮಾತನಾಡಿ. ಸಾಮಾನ್ಯ ಭೌತ ಶಾಸ್ತ್ರದಲ್ಲಿ ಕೊಡಲಾಗದಿರುವುದನ್ನು ಕ್ವಾಂಟಮ್ ತಂತ್ರಜ್ಞಾನದಿಂದ ಮಾಡಬಹುದಾಗಿದೆ ಎಂದು ವಿವರಿಸಿದರು. ಇಂದಿನ ವಿದ್ಯಮಾನಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಭೌತಶಾಸ್ತ್ರದಲ್ಲಿ ನ್ಯಾನೋ ಟೆಕ್ನಾಲಜಿ ಬಳಕೆಯಿಂದಾಗಿ ಹೊಸ ಹೊಸ ಅವಿಷ್ಕಾರದಲ್ಲು ನೆರವಾಗಲಿದೆ ಎಂದವರು ನುಡಿದರು. ವಿ.ಒ.ಸಿ ಕಾಲೇಜು ಪ್ರಾಧ್ಯಾಪಕ ಡಾ. ಬಾಲಾಜಿ ಉಪನ್ಯಾಸ ಕಾರ್ಯಕ್ರಮದ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ವಿ.ಒ.ಸಿಯ ಪ್ರಾಂಶುಪಾಲ ಡಾ. ಜಾನ್ ಪ್ರಿನ್ಸ್ ಮತ್ತು ಐಕ್ಯುವಿಸಿ ಸಂಯೋಜಕಿ ಡಾ. ರಾಧಿಕಾ ಮತ್ತಿತರರು ಕಾರ್ಯಕ್ರಮದಲ್ಲ ಭಾಗವಹಿಸಿದ್ದರು.

- 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





**28-02-2020, ಭಾನುವಾರ**

### ಕ್ರೋಢೀಕೃತ ಪ್ರಯತ್ನದಲ್ಲಿ ಉತ್ತಮ ಸಂಶೋಧನೆ ಸಾಧ್ಯ

ಹಾಸನ, ಮಾ. 28: ದೇಶದ ತಂತ್ರಜ್ಞಾನ ಅಭಿವೃದ್ಧಿಪಡಿಸುವಲ್ಲಿ ಹಾಗೂ ಸಂಶೋಧನೆಯಲ್ಲಿ ಮೆಕ್ಯಾನಿಕಲ್, ಸಿವಿಲ್ ಹಾಗೂ ಭೌತಶಾಸ್ತ್ರ ಸೇರಿದಂತೆ ಈ ಎಲ್ಲಾ ವಿಭಾಗಗಳು ಒಗ್ಗೂಡಿ ಕೆಲಸ ಮಾಡಿದ್ದಾದಲ್ಲಿ ಉತ್ತಮ ಸಂಶೋಧನೆ ಸಾಧ್ಯವಾಗಲಿದೆ ಎಂದು ಹಾಸನ ಮಲೆನಾಡು ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯದ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಅಂಡ್ ಕಮ್ಯುನಿಕೇಷನ್ ಇಂಜಿನಿಯರಿಂಗ್‌ನ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ. ಪಿ.ಸಿ. ಶ್ರೀಕಾಂತ್ ಅಭಿಪ್ರಾಯಪಟ್ಟಿದ್ದಾರೆ.

ಅವರು ತಮಿಳುನಾಡಿನ ತೂತುಕುಡಿ ತಿರುನಲ್ಲವೇರಿ ಎಂ.ಎಸ್. ಚೊಕ್ಕಲಿಂಗಂ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಎಪಿಸಿ ಮಹಾಲಕ್ಷ್ಮಿ ಕಾಲೇಜ್ ಫಾರ್ ವುಮೆನ್ ಇಲ್ಲಿ ಏರ್ಪಡಿಸಿದ್ದ ಅಂತಾರಾಷ್ಟ್ರೀಯ ಸಮ್ಮೇಳನದಲ್ಲಿ ಮಲ್ಟಿ ಡಿಸಿಪ್ಲಿನರಿ ರಿಸರ್ಚ್‌ನಲ್ಲಿ ಪ್ರಕೃತ ಬೆಳವಣಿಗೆ (ರಿಸೆಂಟ್ ಟ್ರೆಂಡ್ಸ್ ಇನ್ ಮಲ್ಟಿ ಡಿಸಿಪ್ಲಿನರಿ ರಿಸರ್ಚ್) ವಿಷಯವಾಗಿ ಉಪನ್ಯಾಸ ನೀಡುತ್ತ, ಇಂದಿನ ಪೀಳಿಗೆಗೆ ಮತ್ತು ಅವರ ಅನುಕೂಲತೆಗಾಗಿ ನಿರಂತರ ಅಧ್ಯಯನ ಸಾಗಬೇಕೆಂದು ತಿಳಿಸಿದರು.

ಸಮಾವೇಶದಲ್ಲಿ ಎಪಿಸಿ ಮಹಾಲಕ್ಷ್ಮಿ ಕಾಲೇಜ್ ಫಾರ್ ವುಮೆನ್ ಇದರ ಅಧ್ಯಕ್ಷ ಚೊಕ್ಕಲಿಂಗಂ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಭಾರತ ಸರ್ಕಾರದ ಎಂಇಟಿ ನಿರ್ದೇಶಕ ಡಾ. ವಿ.ಎನ್. ಮಣಿ, ಎಂ.ಎಸ್. ವಿವಿಯ ವೈಸ್ ಚಾನ್ಸಲರ್ ಡಾ. ಕೆ. ಪಿಚ್ಚುಮಣಿ, ಯು.ಎಸ್.ಎ ಹವಾಯಿ ಕಿಂಗ್ಸ್ ವಿವಿ ಫೌಂಡರ್ ಪ್ರೆಸಿಡೆಂಟ್ ಡಾ. ಎಸ್. ಸೆಲ್ವಕುಮಾರ್, ನೈಜೇರಿಯಾ ವಿವಿಯ ಡಾ. ಇಬ್ರಾಹಿಂ, ಕಾಲೇಜು ಅಡಳಿತ ಮಂಡಳಿ ನಿರ್ದೇಶಕ ಡಾ. ಸತ್ಯಭಾಮ, ಪ್ರಾಂಶುಪಾಲ ಡಾ. ಮೀನಾ ಕುಮಾರಿ, ಭೌತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ಡಾ. ಶಾಮಲಾ ಈ ಸಂದರ್ಭದಲ್ಲಿ ಹಾಜರಿದ್ದರು.

**ಮೆ,ಸೂರಿನಲಿ ಐವರಿಗೆ ಕೊರೊನಾ ಪಾಸಿಟಿವ್-**

- 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>th</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>th</sup> March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .
- Fiber Optic Communication on 13<sup>th</sup> March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .

## ಅದ್ಭುತ ವೇಗ ಕಂಡ ಓವಿಫ್‌ಸಿ: ಡಾ. ಶ್ರೀಕಾಂತ್

ಹಾಸನ, ಮಾ. 21: 1960 ರ ಸುಮಾರಿನಲ್ಲಿ ಮೊದಲ ಬಾರಿಗೆ ಓವಿಫ್‌ಸಿ ತಂತ್ರಜ್ಞಾನ ಅಳವಡಿಕೆ ಸಂಬಂಧ ಚಾರ್ಟರ್ ಕಾಪೊ ಎಂಬ ವಿಜ್ಞಾನಿ ಪ್ರಥಮ ಬಾರಿಗೆ ಸಂಶೋಧನೆ ನಡೆಸಿದ್ದಕ್ಕಾಗಿ 2009ರಲ್ಲಿ ನೋಬೆಲ್ ಪ್ರಶಸ್ತಿ ಪಡೆದಿದ್ದಾಗಿ ಹಾಸನದ ಮಲೆನಾಡು ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯದ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯುನಿಕೇಷನ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ. ಪಿ.ಸಿ. ಶ್ರೀಕಾಂತ್ ಹೇಳಿದ್ದಾರೆ. ಅವರು ಪಂಜಾಬ್‌ನ ಮೊಹಾಲಿಯ ಚಂದೀಗಢ್ ವಿಶ್ವ ವಿದ್ಯಾಲಯದಲ್ಲಿ ಸೋಸೈಟಿ ಆಫ್



ವಿದ್ಯುತ್ ಇಂಜಿನಿಯರ್ಸ್ ಇತ್ತೀಚೆಗೆ ಆಯೋಜಿಸಿದ್ದ ಹೈಸ್ಪೀಡ್ ಆಪ್ಟಿಕಲ್ ಫೈಬರ್ ನೆಟ್‌ವರ್ಕ್ (ಓವಿಫ್‌ಸಿ) ಕುರಿತಾದ ಒಂದು ದಿನದ ಆಹ್ವಾನಿತ ಅತಿಥಿ ಉಪನ್ಯಾಸ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಮಾತನಾಡುತ್ತ, ನೋಬೆಲ್ ಪ್ರಶಸ್ತಿ ಪಡೆದ ಸಂದರ್ಭದಲ್ಲಿ ಚಾರ್ಟರ್ ಕಾಪೊ ಈ ಮೊದಲೇ ಭಾರತದ ವಿಜ್ಞಾನಿಯಾದ ಡಾ. ಕಪಾನಿ ಓವಿಫ್‌ಸಿ ಅವರ ಪರಿಶ್ರಮ ಹಾಗೂ ಸಂಶೋಧನೆಗೆ ಡಾ. ಕಪಾನಿ ಪ್ರೇರಿತ ರಾಗಿದ್ದರು ಎಂಬುದನ್ನು ಅಂದೇ

ಸ್ಮರಿಸಿದ್ದಾಗಿ ಶ್ರೀಕಾಂತ್ ವಿವರಿಸಿದರು. ಮೊದಮೊದಲಿಗೆ ಕೇವಲ 1 ಎಂಬಿಪಿಎಸ್ ಇದ್ದ ವೇಗ ಇಂದಿನ ದಿನಗಳಲ್ಲಿ 50 ರಿಂದ 100 ಜಿಬಿಪಿಎಸ್ ನಷ್ಟು ಅಗಾಧ ಪ್ರಮಾಣದಲ್ಲಿ ಓವಿಫ್‌ಸಿ ಅಭಿವೃದ್ಧಿ ಕಂಡಿದೆ ಎಂದು ಹೆಮ್ಮೆಪಟ್ಟರು.

ಮೊಹಾಲಿಯ ಚಂದೀಗಢ್ ವಿಶ್ವ ವಿದ್ಯಾಲಯದ ಮುಖ್ಯಸ್ಥರಾದ ಡಾ. ಇಂದ್ರಪ್ರೀತ್ ಕೌರ್ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ಡಾ. ಧೀರೇಂದ್ರ ಸಿಂಗ್, ಕಂಪ್ಯೂಟರ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ. ಹರಿಚರಣ್ ಸಿಂಗ್ ಇತರರು ಹಾಜರಿದ್ದರು.

- Quantum Communication on 13<sup>th</sup> March. 2020 , Workshop on Recent Advances in Optical Engineering conducted by Chandigarh University, Mohali, Chandigarh , Punjab,India .
- Nano-Photonic Sensors on 13<sup>th</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,Hararyana, 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 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.
- Organizer of Blood Donation camp conducted on 6<sup>th</sup> Jan 2022 – IEEE MCE STUDENT BRANCH, at Malnad college of engineering, Hassan



## ತಿಬಿರದಲ್ಲಿ ದಾಖಲೆ ಪ್ರಮಾಣದ ರಕ್ತದಾನ



ಹಾಸನ: ಮಲ್ಲಾಡ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಯುವ ರೆಡ್ ಕ್ರಾಸ್ ಘಟಕ, ಬೆಲ್ಲಾ ರೆಡ್ ಕ್ರಾಸ್ ಸಂಸ್ಥೆ ಹಾಸನ ಹಾಗೂ ಎನ್.ಎಸ್.ಎಸ್. ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿ ಮತ್ತು ವಿದ್ಯಾರ್ಥಿನಿಯರ ಸಹಭಾಗಿತ್ವದಲ್ಲಿ ನಡೆದ ರಕ್ತದಾನ ತಿಬಿರದಲ್ಲಿ ಹಾಸನ ಜಿಲ್ಲೆಯ ಇತಿಹಾಸದಲ್ಲಿ ದಾಖಲೆಯ 313 ರಕ್ತದಾನಿಗಳು ಸ್ವಯಂ ಪ್ರೇರಿತ ರಾಗಿ ರಕ್ತದಾನವನ್ನು ಬೆಲ್ಲಾ ಸರ್ಕಾರಿ ಆಸ್ಪತ್ರೆಯ ರಕ್ತ ನಿಧಿಗೆ ರಕ್ತದಾನವನ್ನು ನೀಡಿದರು.

ತಿಬಿರದ ನೇತೃತ್ವವನ್ನು ಕಾಲೇಜಿನ ಯುವ ರೆಡ್ ಕ್ರಾಸ್ ಘಟಕದ

ಸಂಯೋಜಕ ಪ್ರೊ. ಮೋಹನ್ ಕುಮಾರ್ ಚೆವ್ವಾಕೊರವರು ವಹಿಸಿ ಕೊಂಡು ಈ ದಾಖಲೆಯನ್ನು ಮಾಡಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಕೋವಿಡ್ ವೈರಸ್ ಸಮಸ್ಯೆ ಉಲ್ಬಣವಾಗುವ ಸಾಧ್ಯತೆ ಇದ್ದು ರಕ್ತದ ಕೊರತೆ ಸೃಷ್ಟಿಯಾಗುವ ನಿರೀಕ್ಷೆಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಜಿಲ್ಲೆಯ ರಕ್ತದ ಬೇಡಿಕೆಯ ದೃಷ್ಟಿಯಲ್ಲಿ ಹೆಚ್ಚಿನ ಸಂಖ್ಯೆಯ ರಕ್ತದಾನಿಗಳು ಭಾಗವಹಿಸಿದ್ದರು.

ಪಿಎಂ. ಕಾಲೇಜಿನ ಡಾ|| ರವಿಕುಮಾರ್ ರವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು ಹಾಗೂ ಮಲ್ಲಾಡ್

ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರಾದ ಪ್ರೊ. ವೆಂಕಟೇಶ್ ರವರು ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಮುಖ್ಯ ಅತಿಥಿಗಳಾಗಿ ಬೆಲ್ಲಾ ರೆಡ್ ಕ್ರಾಸ್ ಸಭಾಪತಿಗಳಾದ ಹೆಮ್ಮಿಗೆ ಮೋಹನ್, ಮಲ್ಲಾಡ್ ಕಾಲೇಜಿನ ಡೀನ್ ಪ್ರೊ. ಶ್ರೀಕಾಂತ್, ಡಾ|| ನಾಗಲಕ್ಷ್ಮಿ, ರೆಡ್ ಕ್ರಾಸ್ ಖಜಾಂಚಿ ಜಯೇಂದ್ರ ಕುಮಾರ್, ಜಯಶ್ರೀ, ನಿರ್ಮಲ, ಕಟ್ಟಾಯ ಶಿವ ಕುಮಾರ್, ಪ್ರೊ. ನೀಲಕಂಠ ಹಾಗೂ ಇತರ ಅಧ್ಯಾಪಕ ವರ್ಗ ಹಾಗೂ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾಗವಹಿಸಿದ್ದರು.

- 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.
- Branch counselor -On the occasion of international Day of Light-An International Symposium conducted at Malnad college of Engineering on 16<sup>th</sup> May 2022

### MALNAD COLLEGE OF ENGINEERING , HASSAN

(An Autonomous Institute under Visvesvaraya Technological University, Belagavi, Karnataka)

#### ON THE OCCASION OF INTERNATIONAL DAY OF LIGHT

#### IEEE MCE JOINT PHOTONICS AND COMSOC CHAPTER

In association with  
IEEE Bangalore section, IEEE Photonics Bangalore Chapter and IEEE Prakash Bharathi

#### presents

#### AN INTERNATIONAL SYMPOSIUM

by

**DR DEBABRATA GOSWAMI**  
Professor, Dept. of Chemistry  
IIT Kanpur

**TIME - 3 PM IST**  
**DATE - 16 MAY 2022**  
**TOPIC - FUNDAMENTALS OF ULTRAFAST LASERS**

**DR SAMIR KUMAR BISWAS**  
Asst Professor, Physical Sciences  
IISER, Mohali

**TIME - 4 PM IST**  
**DATE - 16 MAY 2022**  
**TOPIC - LIGHT AND ITS APPLICATIONS**

**DR VIPUL RASTOGI**  
Professor, Dept. of Physics  
IIT Roorkee

**TIME - 5 PM IST**  
**DATE - 16 MAY 2022**  
**TOPIC - FUNDAMENTALS OF PHOTONICS**

Dr C.L.Triveni  
Advisor  
IEEE MCE JOINT PHOTONICS AND COMSOC CHAPTER

SCAN TO REGISTER

Dr Srikanth P.C  
IEEE MCE Student Branch Counsellor

ieemcestudentbranch@gmail.com  
Pranav S Kantharaj - 9890418888  
Gagan Gorwala K P - 845121115  
Prathumna M - 9104720960

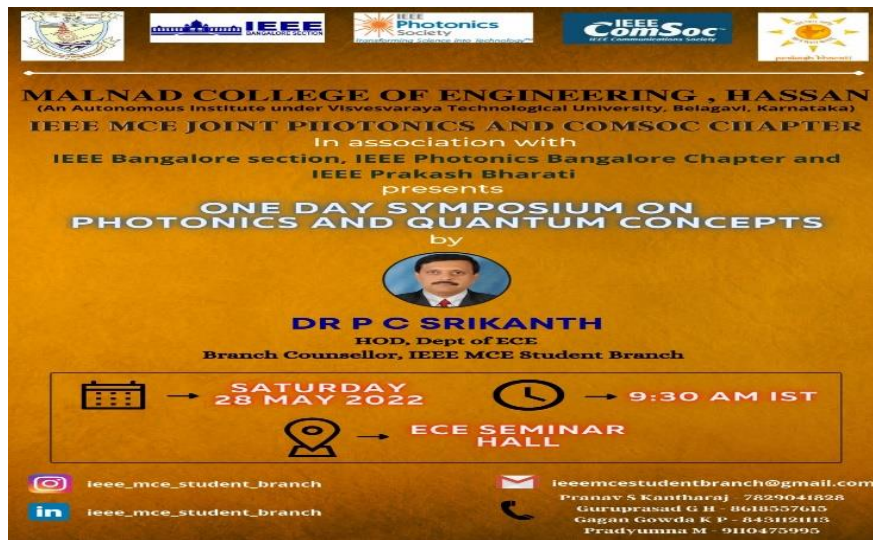
- Quantum Machine Learning ,One day Symposium on Photonics and Quantum Concepts. Technically cosponsored by Prakash Bharathi IEEE Photonics

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.
- 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.







- 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.
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- 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

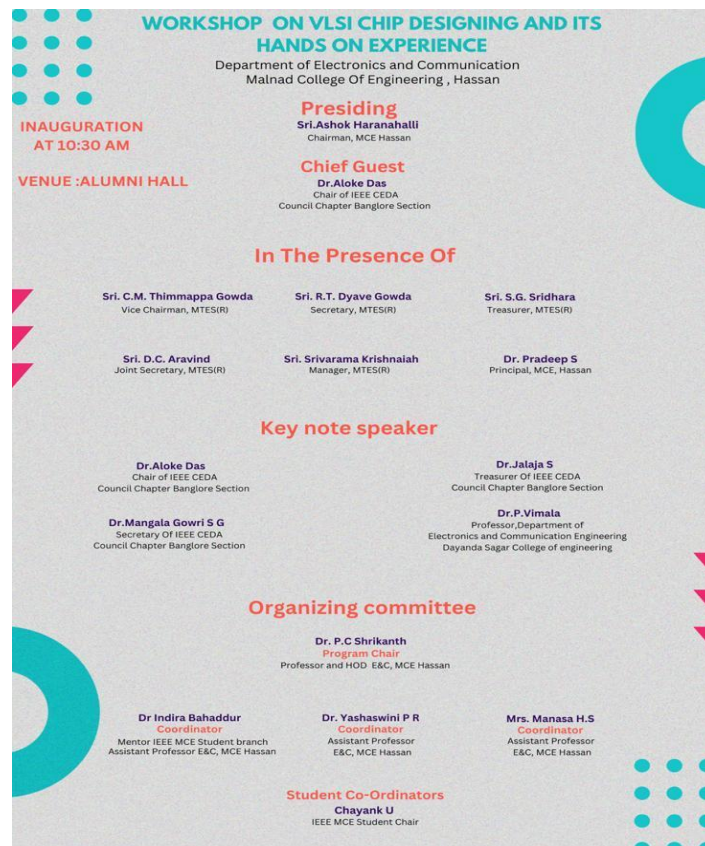


college of Engineering in association with IEEE MCE Student Branch held on 19<sup>th</sup> June 2023 at E&C Department , Malnad college of engineering Hassan.

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- 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 August 03-05 2023 in London,UK.(Invited)
- Distinguished Speaker ( Topic High-performance 2D photonics MOEMS pressure sensors) invited for the most prestigious event “3rd Global Conference on Advanced Nanotechnology and Nanomaterials” on September 13-14, 2023. at Berlin, Germany(Invited).
- Talk on Science History, One day Symposium on Science and Technology, Conducted by Government High School , Hanyalu, Arkalgud Taluk, Hassan. On 27<sup>th</sup> September 2023.
- Talk on Achievements of Indian Scientists, One day Symposium on Science and Technology, Conducted by Government High School ,Hanyalu, Arkalgud Taluk, Hassan. On 27<sup>th</sup> September 2023.
- Talk on Research on Photonics , One day Symposium on Science and Technology, Conducted by Government High School ,Hanyalu, Arkalgud Taluk, Hassan. On 27<sup>th</sup> September 2023.
- Photonic Bandgap Crystal Sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, Hassan , Karnataka on 23<sup>rd</sup> December 2023.
- Surface Plasmon Resonance Sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, Hassan, Karnataka on 23<sup>rd</sup> December 2023.
- FBG Sensors ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, Hassan, Karnataka on 23<sup>rd</sup> December 2023.
- Optical Fiber Communication ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, Hassan, Karnataka on 23<sup>rd</sup> December 2023.
- Quantum Cellular Automata ,One day Symposium on Recent Trends on Photonics ,Organized by E&C Department ,Government Engineering College, Hassan, Karnataka on 23<sup>rd</sup> December 2023.


- One day workshop on VLSI Chip Designing and Its Handson Experience  
Organized by Department of ECE, MCE, Hassan on 16<sup>th</sup> February 2024.



- Quantum Concepts and its Applications ,One day Hands on Workshop on Photonics and Quantum Concepts ,Organized by E&C Department in association with IEEE CIT Student Branch, Channa Basaveshwara Institute of Technology, Gubbi,Tumkur, India on 23<sup>rd</sup> February 2024.




**IEEE Student Branch**  
**HANDS-ON**  
**WORKSHOP**

  
**Channabasaveshwara**  
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N.H. 206, B.H. Road, Gubbi, Tumkur 572 216, Karnataka  
Tel : 08131 223818. Email : hr@cittumkur.org, http://www.cittumkur.org/

## Photonics and Quantum Concepts

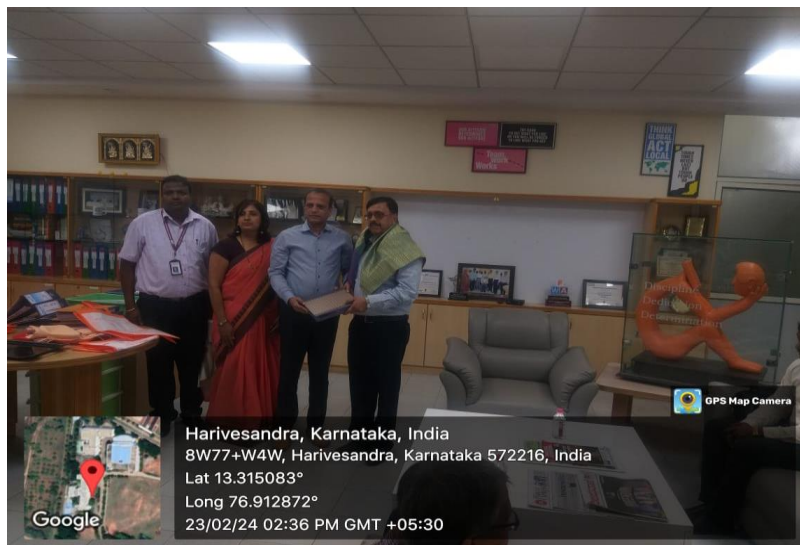
organized by Department of ECE, CIT, Gubbi

**23rd February 2024, 11:00am**

  
**Student Branch - CIT**

**Dr. Gopal Hegde**  
Technology Manager, CeNSE, IISc, Bangalore, Karnataka.  
**Dr. P.C.Srikanth**  
Professor, Department of ECE, MCE, Hassan.  
**Prof. Vijaya Kumar**  
Research Scholar, ECE Research Center, MCE, Hassan.

**Venue: Vivekananda Auditorium, MC Block, CIT, Gubbi, Tumkur, Karnataka-572216**



- Surface Plasmon Resonance Sensors, One day Hands on Workshop on Photonics and Quantum Concepts, Organized by E&C Department in association with IEEE CIT Student Branch, Channa Basaveshwara Institute of Technology, Gubbi, Tumkur, India on 23<sup>rd</sup> February 2024.
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- Quantum Dots, One day Hands on Workshop on Recent Developments in Photonics ,Organized by E&C Department in association with IEEE AIT Student Branch, Atria Institute of Technology, Bangalore, India on 28<sup>rd</sup> February 2024.
- Optical Networks, One day Hands on Workshop on Recent Developments in Photonics ,Organized by E&C Department in association with IEEE AIT Student Branch, Atria Institute of Technology, Bangalore, India on 28<sup>rd</sup> February 2024.
- Photonic Bandgap Sensors, One day Hands on Workshop on Recent Developments in Photonics ,Organized by E&C Department in association with IEEE AIT Student Branch, Atria Institute of Technology, Bangalore, India on 28<sup>rd</sup> February 2024.
- Surface Plasmon Resonance Sensors, One day Hands on Workshop on Recent Developments in Photonics, Organized by E&C Department in association with IEEE AIT Student Branch, Atria Institute of Technology, Bangalore, India on 28<sup>rd</sup> February 2024.



- Quantum Concepts and its Applications, One day Hands on Workshop on Recent Developments in Photonics, Organized by E&C Department in association with IEEE AIT Student Branch, Atria Institute of Technology, Bangalore, India on 28<sup>rd</sup> February 2024.



## 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 Proudhavevaraya 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 Annamacharaya 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 Annamacharaya 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
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- 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 (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.
- 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 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.
- 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.
- Expert: Academic and Administrative Audit Sidda Ganga Institute of Technology, Tumkur conducted on 3<sup>rd</sup> October 2023.
- Reviewer Optical and Quantum Electronics (Springer Nature Journal) 8<sup>th</sup> October 2023
- Reviewer Plasmonics (Springer Nature Journal) 27<sup>th</sup> November 2023
- Organizing Chair : IEEE MysuruCon 2023 3<sup>rd</sup> Edition of the Flagship International Conference Series of IEEE Mysuru Subsection in Association with IEEE Bangalore Section hosted by E&C Department, Malnad College of Hassan, on Emerging Technologies for Smart cities conducted during 1<sup>st</sup> and 2<sup>nd</sup> December 2023.
- Member BOS SJCE, Mysore meeting held on 6<sup>th</sup> December 2023
- Reviewer Journal of Nano Photonics (SPIE International Society for Optics and Photonics) 5<sup>th</sup> January 2024
- Reviewer Scientific Reports (Springer Nature Journal) 17<sup>th</sup> January 2024
- Member VTU LIC committee (4<sup>th</sup> and 5<sup>th</sup> March 2024)

### **Other Achievements**

- 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.
- Vice Chairman, IEEE Photonic society (USA) From Jan 2017, Bangalore chapter.
- Member Technical committee International conference on emerging trends in communication, control, signal processing and computing applications 2013 (C2 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
- Branch counselor for IEEE MCE Student branch from 2008
- Reviewer for many international journals and international conference papers
- HAM 's club convener during 1992, 1993, 1997, 1998
- Member Advisory committee for "International Journal of Mathematical Sciences and Engineering Applications", (IJMSEA).



- External Examiner M.Sc. (Electronics) University of Mysore.
- Member BOE PG Center University of Mysore
- MCE Autonomous examination coordinator
- Member staff selection committee AIT Chikamagalore
- Member VTU LIC committee
- Expert Member staff selection committee MCE Hassan
- Invited for technical talks at universities and colleges and international conferences.
- 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 Technologyon 8<sup>th</sup> June 2014 at Bangalore
- Session Chair -International Conference on Emerging Trends in Engineering Technologyon 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 DMI college of Engineering, 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 DMI college of Engineering 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 Annamacharaya 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 Annamacharaya 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.
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- 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.
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- General Chair– InternationalConference on Technological Innovations in Engineering(ICTIE-2016), held on 15<sup>th</sup> & 16<sup>th</sup> December, 2016 Organized by MIT Polytechnic, Pune, Maharashtra, India
- General Chair– InternationalConference 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).
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- 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 16<sup>th</sup> and 17<sup>th</sup> March 2018, Organized by Sengunthar College of Engineering,Tituchengod,Tamil Nadu,India.
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## **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”.
- Started Consultancy at Electronics and communication Engineering, MCE which is offering internship and project work consultancy for UG and PG Engineering students in all disciplines

## Malnad College of Engineering, Hassan-573 202

Electronics and Communication Engineering Department

Consultancy- Services

Electronics and Communication Engineering department is offering internship and project work consultancy for UG and PG Engineering students in all disciplines.

Duration : 3 to 12 months

Fees structure:

Internship : Rs.1000/- (One thousand rupees only)

Project : Rs.5000/- (Five thousand rupees only)

Coordinators:

Dr. P. C Srikanth

Professor, Dean (P&D) & HOD

Mobile : +9178990 64712

Email id : pcs@mcehassan.ac.in

Dr. Venkateswara Rao Kolli

Assistant Professor

Mobile : +9182775 66555

Email id : vrk@mcehassan.ac.in

## 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.

- H.S.Mohana, Navya. K,P.C.Srikanth,G.Shivakumar “Stone In-scripted Kannada characters Matching using SIFT” , pp,126-131, ASAR-International Conference on Electrical, Electronics and Computer Engineering(ASAR-ICEECE-2014), held on 6<sup>th</sup> April 2014 at Mysore,India.
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