

Dr.P.C.Srikanth

Department of Electronics & Communication Engineering, M.C.E., Hassan
+919844285954
pcs@mcehassan.ac.in

Education Qualification : B.E., M.Tech., Ph.D



Research interest

Optical Communication / Networks, Wireless Communication, LASERS and Photonics

- Presently working as a Professor and Head Dept. of ECE, Malnad College of Engineering, Hassan, Karnataka, India

Profile

P. C. SRIKANTH had his schooling in the same town and graduated in Electronics & Communication Engineering in 1987 from Malnad College of Engineering, Hassan, Karnataka, India securing a first class with Distinction. Dr. P. C. SRIKANTH completed his M.Tech. Degree in 1996 from Indian Institute of Technology, Kanpur in the area of LASERS, and obtained his Ph.D. from VTU Belgaum . He worked in the applied photonic lab IISc, Bangalore during his PhD. Starting as a Lecturer 1987, he became Assistant Professor In 1999, Professor in 2011 in Malnad College of Engineering, Hassan, Karnataka, India.

Dr. P. C. SRIKANTH had a deep involvement in Optical networks, was awarded as TOP 100 ENGINEERS-2011 by International Biographical Centre, St Thomas' Place, ELY, CB7 4GG Great Britain. He was Selected for Marquis Who's Who in Science and Engineering 2011-2012 (11th Edition), and also in 2016-2017 (12th Edition) New Providence, NJ 07974, USA .

He received Best paper award for the following papers, Modeling of Photonic Crystal Ring Resonator Temperature Sensor during 2014, A Novel Quantum Dot Automata Based Design For Multiplexers during 2015 and Detection of Fluoride Contaminated Water in Dental Applications during 2015 at International Conferences. His Research areas includes ,Optical Communication and Networks, Photonic Band gap Crystals, Wireless Networks, LASERS and Quantum Electronics.

He has Guided/guiding more than 100 BE , M.tech and PhD students. Dr. P. C. SRIKANTH has so far published more than 100 papers in national and international journals and conferences. He has attended many international conferences in India and Abroad and has chaired many technical sessions. He has organized many international conferences and workshops. Awards and laurels won by Dr. P. C. SRIKANTH run into volumes. So far he has received 12 awards. Dr. P. C. SRIKANTH is Senior Member IEEE (USA), Life Member ISTE, Currently he is secretary IEEE Photonic society, Karnataka Chapter Bangalore.

Honors and 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** (11th 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 "Modeling of Photonic Crystal Ring Resonator Temperature Sensor " at International Conference on Electronics, Communication, Computer science and Information technology held on 27th April 2014 at Bangalore.

- Best paper award for the paper "A Novel Quantum Dot Automata Based Design For Multiplexers" at International Inference on Emerging Trends In Engineering and Technology held on 07th June 2015 at Bangalore.
- Selected for **Marquis Who's Who in Science and Engineering 2016-2017** (12th Edition) New Providence, NJ 07974,USA
- Best paper award for the paper "Detection of Fluoride Contaminated Water in Dental Application" at International Conference on Emerging Trends In Engineering and Technology held on 09th August 2015 at Bangalore.
- Awarded as **Outstanding Scientist** in the field of Photonics , by Venus International foundation CARD , on 19th Dec 2015

Other Achievements

- Chairman T&PC International conference on optical engineering 2012(ICOE2012), conducted during 26th -28th July at VTU Belgaum. Conducted by VTU Belgaum, Technically sponsored by IEEE Photonic society
- Secretary IEEE Photonic society (USA), 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 10th -11th 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 6th April 2014 at Bangalore.
- Session Chair -International Conference on Electronics, Communication ,Computer Science and Information Technology on 27th April 2014 at Bangalore.
- Session Chair -International Conference on Emerging Trends in Engineering and Technology)on 18th May 2014 at Bangalore
- Session Chair -International Conference on Emerging Trends in Engineering Technologyon 8th 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(14TH to 18th 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)19th July 2014 at VVCE,Mysore
- Session Chair -International Conference on Emerging Trends in Engineering Sciences (ICETES-2015)25th April 2015 at Jain College of Engineering ,Belgaum
- Program Chair -International Conference on Emerging Trends in Engineering and Technology)on 10th May 2015 at Bangalore
- Program Chair -International Conference on Emerging Trends in Engineering and Technology)on 17th May 2015 at Bangalore
- Member staff selection committee Proudhadivaraya Institute of Technology ,Hospet.
- Program Chair -International Conference on Emerging Trends in Engineering and Technology)on 7th June 2015 at Bangalore
- TPC Member for Digital Life
- Program Chair -International Conference on Emerging Trends in Engineering and Technology)on 9th Aug 2015 at Bangalore

- TPC Member -50th Golden Jubilee Annual Convention on “Digital Life” 2nd-5th 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 3rd and 5th March 2016 at Palanchur,Kancheepuram, Tamilnadu, India
- Coordinator -International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3rd and 5th March 2016 at Palanchur,Kancheepuram, Tamilnadu, India.
- Session Chair –International Conference On Internet Things & Applications for Smart City-2k16(ICIOTAS-16),held on 18th and 19th 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 18th and 19th 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 26th March 2016.
- General Chair -International Conference on Advances in Engineering, Science and Technology on 17th April 2016 at Bangalore.
- General Chair–International Conference Signal Processing, Communication and Computational Research (ICSPCCR-16),held on 18th and 19th May 2016 at Vidya Vikas Institute of Engineering & Technology, Mysore,India.
- General Chair–International Conference On Applied Science Engineering and Technology(ICASET-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 18th & 19th 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 21st & 23rd 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 21st & 23rd 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–2nd International Conference On Applied Science Engineering and Technology(ICASET-2016),held on 18th & 19th 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 10th & 11th November. 2016, Organized by Sai Ram College of Engineering and Technology, Anekal, Bangalore, India
- **Invited talks**
- Current trends in photonics at Karnataka University, Dharwad on 12th Jan 2012 .
- Optical WDM networks at Karnataka University, Dharwad on 30th March 2013 .
- Recent trends in optical communication and optical networks, at MCE,Hassan on 3rd June 2013 .
- Survivability issues in WDM optical networks, at MCE,Hassan on 4th June 2013.
- Fiber optics based LASER application in Medicine on 7th June 2013 at The Oxford college of engineering ,Bangalore
- Recent advances in Optical Fiber Communication and Networks on 5th Sept. 2013 at BIET , Davangere.

Representative Publication

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 28th-30th 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 19th 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 24th June 2012 at Ahmedabad, India
- 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 30th June 2012 at Mysore, India.
- 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 30th &31st 2013 at Bangalore, India.
- 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 24th April 2013 at Bangalore, India.
- 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 4th & 6th July 2013 in Vivekanandha College of Engineering for Women, Tiruchengode, Namakkal District, Tamil Nadu, INDIA.
- P.C.Srikanth “OFDM Transceiver Design using C” pp 38 -41, IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013) held during 4th & 6th July 2013 in Vivekanandha College of Engineering for Women, Tiruchengode, Namakkal District, Tamil Nadu, INDIA.
- P.C.Srikanth “AN IP TRACEBACK SYSTEM TO FIND THE REAL SOURCE OF ATTACK USING FDP” pp 22-26, IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013) held during 4th & 6th July 2013 in Vivekanandha College of Engineering for Women, Tiruchengode, Namakkal District, Tamil Nadu, INDIA
- 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 6th April 2014 at Bangalore,India.
- 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 6th April 2014 at Bangalore,India.
- P.C.Srikanth“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 6th April 2014 at Mysore,India.
- P C Srikanth " Modeling of Photonic Crystal Ring Resonator Temperature Sensor”,pp 59-62, International Conference on Electronics, Communication, Computer Science and Information Technology held on on 27th April 2014 at Bangalore
- P.C.Srikanth “A study on Link Weight Performance Analysis in an Intra-Domain Networks”,pp 20-24,International Conference on Electronics, Communication, Computer Science and Information Technology held on on 27th April 2014 at Bangalore
- P.C.Srikanth “Design and Analysis of Combined Grade Diffusion and Genetic Algorithm for Wireless Sensor Networks”pp 25-29,International Conference on Electronics, Communication, Computer Science and Information Technology held on on 27th April 2014 at Bangalore
- P.C.Srikanth “Implementation and Analysis of Multiple Criteria Decision Routing Algorithm for Wireless Sensor Network”pp34-37,International Conference on Electronics, Communication, Computer Science and Information Technology held on on 27th April 2014 at Bangalore.
- P.C.Srikanth, “Color Image Comoreession and Encryption Using SPHIT and STREAM CIPHER Algorithm” pp 84-88,Proceedings of ASAR International conference,held on 14th May 2014 at Mysore,India
- P.C.Srikanth,Taresh B.M “Minimum resource Consumption Routing for Optical Networks” pp 36-40,International Conference on Emerging Trends in Engineering Technology (ICET-2014)held on 8th June 2014 at Bangalore,India.
- P.C.Srikanth,, Shravan.S.K “Detection of Human Bladder Cancer Cells Using Image Processing” pp 26-30,International Conference on Emerging Trends in Engineering Technology (ICET-2014)held on 8th June 2014 at Bangalore,India

- P.C.Srikanth “Cross-Layer Design of Transport Protocol For Reliable Date Transfer in WSN” pp 15-20,International Conference on Emerging Trends in Engineering Technology (ICET-2014)held on 8th June 2014 at Bangalore,India
- Adarsh D, Indira Bahaddur, Triveni.C L, P.C.Srikanth “Cross-Layer Design of Transport Protocol For Reliable Date Transfer in WSN” pp 15-20,International Conference on Emerging Trends in Engineering Technology (ICET-2014)held on 8th June 2014 at Bangalore,India
- P.C.Srikanth “A Novel Quantum-Dot Cellular Automata for Parity Bit Generator And Parity Checker” pp 34,International Conference on Emerging Trends in Engineering Sciences (ICETES-2015)held on 25th April 2015 at Jain college of engineering , Belgaum, India
- P.C.Srikanth “Analysis of Fluoride Detection in Water Using Photonics Based Biosensors” pp 63,International Conference on Emerging Trends in Engineering Sciences (ICETES-2015)held on 25th April 2015 at Jain college of engineering , Belgaum, India
- P.C.Srikanth, “The Design of a Wideband Circular Micro strip Patch Antenna for Wireless Application at 9GHz” pp 18-21,International Conference on Emerging Trends in Engineering and Technology (ICET-2015)held on 17th May 2015 at Bangalore,India
- P.C.Srikanth, “A Novel Quantum-Dot Cellular Automata Based Design for Multiplexers” **pp 21-24**,International Conference on Emerging Trends in Engineering and Technology (ICET-2015) held on 7th June 2015 at Bangalore,India,(ISBN9788192958066)
- P.C.Srikanth, “Detectionof Fluoride Contaminated Water in Dental Applications” **pp 78-83**,International Conference on Emerging Trends in Engineering and Technology (ICET-2015) held on 9th August 2015 at Bangalore,India(ISBN9788192958066).
- Adithya B A, Thrimurthi M, Thandavamurthi H R, Yogesh H G, Gururaj H L , P C Srikanth, “Comparative Analysis of Different Deployment Techniques in Wireless Sensor Network” pp 3715-3719, International Conference on Electronics and Communication Systems (ICECS-2016) held on 25th and 26th February 2016 at Karpagam College of Engineering [Coimbatore, Tamilnadu](#),India,(978-4673-1-16/\$31.00©2016 IEEE).
- Indira Bahaddur, P C Srikanth, Preeta Sharan, “A Photonic Crystal Based Pressure Sensor” pp 3902-3905, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3rd and 5th March 2016 at DMI College of Engineering, Palanchur,Kancheepuram, Tamilnadu, India,(978-1-4673-9939-5/16/\$31.00 ©2016 IEEE).
- Adarsh D, P C Srikanth,M.V.Sathyanarayana, “GPS Free Localization based on Relative Velocity in MANETs” pp 3892-3895, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3rd and 5th March 2016 at,DMI College of Engineering, Palanchur,Kancheepuram, Tamilnadu, India,(978-1-4673-9939-5/16/\$31.00 ©2016 IEEE).
- Neha Anjum, P C Srikanth,Jaganath Nayak, “Fiber Optic Sensors and Optical Sensing Technology” pp 3884-3891, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3rd and 5th March 2016 at, DMI College of Engineering ,Palanchur,Kancheepuram, Tamilnadu, India,(978-1-4673-9939-5/16/\$31.00 ©2016 IEEE).
- Sayida Thahaseen Y.M, P C Srikanth,Jaganath Nayak, “Assessment of Magneto-Optic Faraday effect drift on Sensing coil of IFOG as a function of variable Degree Of Polarization(DOP)” pp 3879-3883, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3rd and 5th March 2016 at, DMI College of Engineering Palanchur,Kancheepuram, Tamilnadu, India,(978-1-4673-9939-5/16/\$31.00 ©2016 IEEE).
- Triveni C L, P C Srikanth,T Srinivas, “Least resource Consumption for Optical WDM Networks” pp 3868-3872, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3rd and 5th March 2016 at,DMI College of Engineering, Palanchur,Kancheepuram, Tamilnadu, India978-1-4673-9939-5/16/\$31.00 ©2016 IEEE).
- Triveni C L, P C Srikanth,T Srinivas, “An optimized routing algorithm for Elastic Optical Network” pp 3873-3878, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016 held on 3rd and 5th March 2016 at,DMI College of Engineering, Palanchur,Kancheepuram, Tamilnadu, India,(978-1-4673-9939-5/16/\$31.00 ©2016 IEEE).
- Triveni C L, P C Srikanth,T Srinivas, “A Review on Spectrum Sliced Elastic Optical Path Networks” pp 59, International Conference On Internet Things & Applications for Smart City-2k16(ICIOTAS-16), held on 18th and 19th March 2016 at Annamacharaya college of Technology and Sciences, Venkatapuram(Village),Renigunta(Mandal)Chittoor District,Andra Pradesh.
- Indira Bahaddur, P C Srikanth, Preeta Sharan, “A Study on Pressure Sensor Based on Photonic Crystal ” pp 67, International Conference On Internet Things & Applications for Smart City-2k16(ICIOTAS-16), held on 18th and 19th March 2016 at Annamacharaya college of Technology and Sciences, Venkatapuram(Village),Renigunta(Mandal)Chittoor District,Andra Pradesh.

International journal

- P.C.Srikanth, Anirikshith, M.V.Sathyanarayana, T.Srinivas, "Computing Channel utilization and survivability in Wavelength Routed All-Optical Networks", international journal of computer science and network security(IJCNS), vol 7 No.9 ,pp219-225, September 2007.
- P.C.Srikanth, M.V.Sathyanarayana, T.Srinivas, "Survivability techniques in optical WDM networks", International journal of engineering research and industrial applications(IJERIA) vol.1, No.2, pp177-208, march-2008.
- Divya G.S, P.C.Srikanth "DSP based Embedded VoIP System for Inter Communication in LAN Environment" International Journal of Computer Science and Information Technology Research Excellence, Vol.3 Issue 2, pp 24-30, March -April 2013
- Madhurya B Eshwar, P.C.Srikanth " A new trustworthy and co-operative nodes based MIMO route discovery algorithm for WSN" International Journal of Emerging Technology and Advanced Engineering, Vol.3 Issue 5, pp 713-717, May 2013
- Santhosh Kumar K.R, P.C.Srikanth " An analysis of enhancement techniques for grey scale images" International Journal of research in information technologies(IJRIT), Vol.1 Issue 5, pp 273-279, May 2013
- H.S.Mohana, Navya. K, P.C.Srikanth, G.Shivakumar "Stone In-scripted Kannada characters Matching using SIFT" International Journal of Industrial Electronics and Electrical Engineering (IJIEEE), Vol.2 Issue 6, pp 105-110, June 2014
- Rajeshwari S, Indira Bahaddur, Preeta Sharan, P C Srikanth "A Design and Simulation of Optical Pressure Sensor based on photonic crystal in Sub-Micron Range" International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.4 , Issue 2, pp 20-27, April-June 2014
- Shruthimala N S, Indira Bahaddur, Preeta Sharan, P C Srikanth "MEMS Based Optical Sensor for Salinity Measurement", International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.4 , Issue 2, pp 1-4, April-June 2014
- Shashank S Bhagwat, Triveni C L, P.C.Srikanth "Implementation and Analysis of Multiple Criteria Decision Routing Algorithm for Wireless Sensor Network" International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.4 , Issue 2, pp 28-35, April-June 2014
- Triveni C L Rashmi T.S, P.C.Srikanth "Design and Analysis of Combined Grade Diffusion and Genetic Algorithm for Wireless Sensor Networks" International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.4 , Issue 2, pp 36-44, April-June 2014
- Taresh B.M, P.C.Srikanth, Shravan.S.K "Detection of Human Bladder Cancer Cells Using Image Processing" International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.4 , Issue 2, pp 73-82, April-June 2014
- Shravan.S.K, Triveni C L, P.C.Srikanth, Taresh B.M "Minimum resource Consumption Routing for Optical Networks", International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.4 , Issue 2, pp 64-72, April-June 2014
- Mallika C S, P C Srikanth, Preeta Sharan " Modeling of Photonic Crystal Ring Resonator Temperature Sensor", International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.4 , Issue 2, pp 83-88, April-June 2014
- Niranjana Dasar, Triveni C L, P.C.Srikanth "A study on Link Weight Performance Analysis in an Intra-Domain Networks", International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.4 , Issue 2, pp 115-123, April-June 2014
- Nandini Rao, Preeta Shran, P.C.Srikanth, International Journal of Emerging Technology in Computer Science and Electronics(IJETCSE) "A Novel Quantum-Dot Cellular Automata for Parity Bit Generator And Parity Checker", Vol.14 , Issue 2, pp 107-111, April-June 2015. (ISSN:0976-1353)
- Girijamba D L, Preeta Shran, P.C.Srikanth, International Journal of Emerging Technology in Computer Science and Electronics(IJETCSE) "Analysis of Fluoride Detection in Water Using Photonics Based Biosensors", Vol.14 , Issue 2, pp 309-313, April-June 2015. (ISSN:0976-1353)
- Nandini Rao, Preeta Shran, P.C.Srikanth, "A Novel Quantum-Dot Cellular Automata Based Design for Multiplexers", International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.1 , Issue 7, pp 77-80, April-June 2015
- Girijamba D L, Preeta Shran, P.C.Srikanth, "Detection of Fluoride Contaminated Water in Dental Applications", International Journal of Electronics and Communication Engineering Research and Development(IJECERD), Vol.1 , Issue 7, pp 01-06, April-June 2015
- Mallika C S, P C Srikanth, Preeta Sharan, "Photonic Crystal Ring Resonator Structure for Temperature Measurement", Optik –Elsevier International Journal for Light and Electron Optics, Volume 126, Issue 20 (2015), pp2252-2255, April-June 2015
- Girijamba D L, Preeta Shran, P.C.Srikanth, "Lab-On-Chip Based Optical Biosensors For The Application Of Dental Fluorosis", Optik –Elsevier International Journal for Light and Electron Optics, [Volume 127, Issue 6](#) pp3480–3483, March 2016.

- Nandini Rao, Preeta Shran , P.C.Srikanth, “ANovel Quantum Dot CellularAutomataFor4- Bit Code Converters”,Optik – Elsevier International Journal for Light and Electron Optics,[Volume 127, Issue 10](#),pp4246–4249,May 2016.
- P.C.Srikanth,M.V.Sathyanarayana ,Balaraju D, T.Srinivas, “Hybrid scheme for fault tolerant survivable WDM optical networks:An analytical approach without wavelength conversion” ,Optik –Elsevier International Journal for Light and Electron Optics(Communicated).
- Indira Bahaddur, P C Srikanth, Preeta Sharan, “A Study on Pressure Sensor Based on Photonic Crystal”,International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE), Vol.3 , Issue 3, pp15–16, March- 2016([IJERECE-IFERP-DOI-3303](#))
- Triveni C L, P C Srikanth,T Srinivas, “A Review on Spectrum Sliced Elastic Optical Path Networks”,International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE), Vol.3 , Issue 3, pp10–14, March-2016([IJERECE-IFERP-DOI-3302](#))
- Nandini Rao, Preeta Shran , P.C.Srikanth, “ANovel Quantum Dot CellularAutomataFor4- Bit Code Converters”,Optik – Elsevier International Journal for Light and Electron Optics,[Volume 127, Issue 10](#),pp4246–4249,May 2016.
- P.C.Srikanth,M.V.Sathyanarayana ,Balaraju D, T.Srinivas, “Hybrid scheme for fault tolerant survivable WDM optical networks:An analytical approach with wavelength conversion” ,Optik –Elsevier International Journal for Light and Electron Optics, [Volume 127, Issue 17](#),pp6906–6914,Sept. 2016.

National conferences

- M.V.Sathyanarayana and P.C.Srikanth“Dual signal transmission on a single carrier” Proceedings of CCIS-2004 held at Goa Engineering College,pp1-5 During January 23rd , 24th 2004.
- B.S.Manohara,P.C.Srikanth.M.V.Sathyanarayana,“Real Time AM-FM demodulation using discrete energy separation algorithms” , pp176-179,National conference on Signal Processing, Communication and Control during 1-3, July, 2005 – (SPCCN-01-2005) held at VTU, Pune.
- Raghavendra.R.,P.C.Srikanth,Nagesha S.P,M.V.Sathyanarayana“GPR data analysis and antipersonnel land mine detection and anti personnel land mine detection using cepstrum algorithm” , National conference on devices, intelligennt system, communications, held at Manipal during 26-28th 2005.
- Raghavendra.R.,S.P.Koliwad,P.C.Srikanth,,M.V.Sathyanarayana “Antipersonnel land mine detection using time frequency methods for ground penetritaing radar”,pp104-108 national conference on singnal processing and communication held at SNIST, Hyderabad during 5-6th December 2005.
- Gopikrishna,Raghavendra.R.,P.C.Srikanth.,M.V.Sathyanarayana “Talk burst control protocol”,pp101-105, national conference on emerging trends in communication and information technology, ETCIT, January 20-21st 2006 at KSRIT, TN.
- Raghavendra.R.,P.C.Srikanth,Goutham.K,M.V.Sathyanarayana “GPS based antenna position control”,pp206-211 national conference on emerging trends in communication and information technology, ETCIT, January 20-21st 2006 at KSRIT, TN.
- Vasudevan,Raghavendra.R.,P.C.Srikanth,,M.V.Sathyanarayana “Implementaion of ICAP protocol for network security, pp95-102,national conference on signals, systems and security NCSSSS, 2006, held at BAIT, TN during 24-25th February, 2006.
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