



Department of Electronics and Communication Engineering

Sai Vidya Institute of Technology

Rajanukunte, Bangalore-560064

SATTVA

(August 2017-July 2018)

Vision

To become a center of academic excellence with innovations to make a significant contribution to the society in the field of Electronics and Communication Engineering

Mission

- ❖ To Educate and Empower the students with state-of-art knowledge and innovation in Electronics & Communication Engineering to meet the global challenges
- ❖ To imbibe the professional competency and ethics congenial to the society through training

Program Educational Objectives (PEOs)

PEO1: Design & Develop Innovative electronic systems.

PEO2: Effectively communicate technical information, successfully lead and participate in a multi-disciplinary team environment.

PEO3: Engage in lifelong learning through continuing education and industrial practice.

PEO4: Demonstrate professional ethics and social awareness.

Program Specific Outcomes (PSOs)

Graduates will be able to:

PSO1: Design and simulate Electronics and Communication systems using concepts and tools of electronic circuits, signal processing, VLSI technology and communication.

PSO2: Architect, partition and select appropriate technologies for implementation of a specified electronics & communication system.

Director's Message



I am delighted to note that Department of Electronics and Communication Engineering, SVIT is bringing out Department Newsletter. I appreciate the enthusiasm of eminent members of the Department who have contributed to the Newsletter. Department newsletter definitely provides a platform to showcase the activities and achievements of the students and staff such as: conferences attended by staff members and students, competitions won by students, innovative projects carried out by students with the guidance of staff, among others. I wish the students and staff of Department of Electronics and Communication Engineering, all success.

-Prof. M R Holla

Director, SVIT

Principal's Message



I am extremely happy to know that the Department of Electronics and Communication Engineering, SVIT is bringing out newsletter for the academic year 2018-19 and this is an ongoing process portraying the various Departmental activities. It is great to find a considerable number of achievements in academic and non-academic activities which certainly prove that our staff and students are adequately equipped and possess necessary skill-sets to bring laurels to the institution. I wish that this number may grow in the years to come. My Congratulations to ECE team.

- *Dr. H S Ramesh Babu*

Principal, SVIT

HOD's Message

Dear Students,

On behalf of entire Department of ECE, I welcome you all. I hope you will enjoy your stay in our Department. I am very sure after the end of four years you will come out with flying colors professionally qualified. Our Department has outstanding teachers such as Prof. Y Jayasimha, Prof. Vikramathithan among others. Department of ECE has done tremendous achievements in the field of research and developments and the department is catalyzed supported by Vision Group on Science and Technology (Dept. of IT, BT & ST Govt. of Karnataka). The department is constantly encouraging and supporting the students to present their work in top international conference held abroad including USA and Europe, to meet the changing requirement of the industry

-*Dr. Chitra Kiran N*

*Professor and Head
Department of ECE*

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Mr. V VPattanshetti

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Events / Workshops Conducted

❖ Android App Development Workshop



Dr. Chitra Kiran. N (Prof & HOD, Department of ECE, SVIT,) Mr. Bandanawaz Bhawan and Mr. Hymanshu , Innovians Technologies, Noida at the Inaugural of Android Workshop on the date 28th September 2017 under the Professional societies Tech Genes & IEEE student chapter.

Total 84 students are actively participated and conducted the hands on section in the design of android APP as well as got the tremendous information on the procedure to connect between personal computer as well as mobile. Trainer also concentrated on the application of the Android mobile in recent years and the control of various devices using the mobile and wireless control of one devices to another devices are covered.

❖ Recent Advances in Bio-Photonics and Optical Biosensors



Inauguration by the Chief guest of the Workshop and Dignitarie





A group photo of Recent Advances in Bio-Photonics and Optical Biosensors

The main purpose of the event held on 12th May 2017 is mainly for the inauguration of IEEE Photonics Society, Bangalore Chapter & IEEE Photonics and IEEE EMBS Student Branch of Sai Vidya Institute of Technology. It was inaugurated by **Dr. T. Srinivas**, Chair, IEEE Photonic Society, Bangalore Chapter and the Guest of honour **Dr. Gopal Hegde** Technology Manager, CeNSE, IISc. It was presided by **Prof. M.R.Holla** Director, SVIT & **Dr. Ramesh Babu H.S** Principal, SVIT. **Dr. T Srinivas** addressed the gathering about the benefits of IEEE member, Student Branch and Student Chapters. **Dr. Gopal Hegde** gave a talk on Nano-bio-photonics, **Dr. Narayan K** gave a talk on Graphene based SOI Waveguides for Integrated Sensing, **Dr. Srivani Padma** gave a talk on Fibre Bragg Grating based optical Biosensors, **Dr. Preeta Sharan SPR** gave a talk on based biosensors, **Dr. T. Srinivas** gave a talk on Opportunities for projects and higher studies in Bio-photonics.



Toppers Meet

The Department of Electronics and Communication conducted ‘Toppers Meet’ on **November 19, 2018**, **Dr.H.S Ramesh Babu**, Principal of our institution graced the occasion with his presence. **Dr.Chitra Kiran N**, Professor and Head Department of Electronics and Communication Engineering and the faculties of Department of electronics and communication engineering worked as a team to make the event a grand success. All the students from second year, third year and final year of the Department of ECE participated in the event along with the toppers.



Final Year Students:

Class Rank	Name	USN	Student Photo	Marks
1	AkshayUppin	1VA14EC004		79.33%
2	Shilpa Singh	1VA14EC092		78%

Third Year Students:

Class Rank	Name	USN	Student Photo	Marks
1	Kokila N	1VA15EC038		83.25%
2	Gowri Revanoor	1VA15EC023		83%

Second Year Students:

Class Rank	Name	USN	Student Photo	Marks
1	Umme Kulsum	1VA16EC106		83%
2	Suvratha	1VA16EC103		81.52%

Student Publications

Electronics & Communication Engineering Academic Year 2017-18

S.No	USN	Name of the Student	Title of the paper	Name of the Journal/Conference	Publication details (Vol, Issue, page number, year, place)	ISBN/ISSN/DOI
1	1VA14EC062	Navya K	Modelling and Simulation of Organic Photodetectors using Photonic Crystals	2 nd International conference on Electronics, Materials Engineering & Nano-Technology IEMENTech-2018	IEEE Kolkatta section May 4 th - 5 th 2018	10.1109/IEMENTEC H.2018.8465291
2	1VA14EC067	Pallavi N P				
3	1VA14EC075	Priyanga R				
4	1VA14EC081	Rashmitha K K				
5	1VA14EC063	NeduriShruthi	Improvement in Far field intensity	International Conference on	Rajarajeshwari	Paper presented

6	1VA14EC070	Poojith T	of Organic Light Emitting Diode to reduce Surface Plasmon Losses	Recent Trends in Computational Engineering and Technologies (ICTRCET-2018)	College of Engineering in association with IEEE Bangalore	
7	1VA14EC073	Prashanth A U				
8	1VA14EC084	S Jayashree				
9	1VA14EC108	Vivek S	Multipurpose surveillance Rover for detecting hospitable environment	National Conference (NCWCN_-2018)	AIT, Bangalore. 23 rd May 2018	Paper presented
10	1VA14EC104	U Jagadeesh				
11	1VA14EC086	Sachin G S				
12	1VA14EC038	M Ravikiran				
13	1VA14EC078	Rakesh Kumar S	Design and Implementation of an Advanced Security system invisible eye.	National Conference on Wireless Communication and Networking (NCWCN_-2018)	Acharya Institute of Technology, Bangalore. 23 rd May 2018	Paper presented
14	1VA14EC082	Rizwan K				
15	1VA14EC085	Svapkh B K Chandra Dev				
16	1VA15EC109	Yuvaraj D S				
17	1VA14EC065	P Lavanya	Traffic Congestion and Analysis using Raspberry Pi	National conference on Science, Engineering and Management (NCSEM)-2018	Oxford college of Engineering, Bangalore 24 th -25 th May 2018	Paper presented
18	1VA14EC074	Prem Kumar G				
19	1VA14EC094	Sowmya M G				
20	1VA14EC106	Vaishanavi Gopal Ballary				
21	1VA14EC006	Ankita Sharma	Implementation of ARP on FPGA	National Conference (NCWCN_2018)	AIT, Bangalore. 23 rd May 2018	Paper presented
22	1VA14EC093	Shubha				
23	1VA14EC098	Sushma V				
24	1VA14EC017	Bilvika S	Real time video surveillance with state of art	Perspectives in Communication, Embedded-Systems and Signal-Processing (πCES- An International Journal)	Vol 2, issue 4, July 2018	ISSN:2556-392x
25	1VA14EC036	Jyotsna Dhanwant				
26	1VA14EC040	Keerthi G Hegde				
27	1VA14EC051	Manasa R				
28	1VA14EC060	Nandini M L	A Novel design and implementation of finding diseases in aloe Vera plants and its pattern	IJCRT and National conference on Science, Engineering and Management (NCSEM)-2018	Oxford College of Engineering, Bangalore 24 th -25 th May 2018	ISSN: 2320-2882
29	1VA14EC066	Pallavi A				
30	1VA14EC076	Priyanka M				
31	1VA14EC080	Rashmi J Hegde				
32	1VA14EC105	Usha B H	Analysis of different ECG data sets extracted from brain using ICA	IJS DR	Vol-3, Issue 5	(1805078)
33	1VA14EC101	Swati UdayKanikar				
34	1VA14EC089	Suhas R				
35	1VA14EC005	Ajaychandra				
36	1VA14EC013	Balaraju K B	Gesture technology for deaf and dumb	International Journal of Science & Engineering development	Vol-3, Issue 5 ID: IJS DR180 5073	ISSN: 2455-2631
37	1VA14EC047	Lithin C T				
38	1VA14EC049	Mahesh Ashok Mankar				
39		Nanjundeshwara B L				

40	1VA14EC003	Aditi K S	Advanced rescue air ambulance	National conference on Science, Engineering and Management (NCSEM)-2018	Oxford college of Engineering, Bangalore 24 th -25 th	Paper presented
41	1VA14EC024	DivyaBhuvanaKirthi				
42	1VA14EC026	G Amrutha Reddy				
43	1VA14EC045	Lakshmi S				
44	1VA14EC055	Mudduluru Uma	Modelling and analysis of ARROW waveguide for point of care diagnostic application	Proceedings of the 2 nd International Conference Trends in Electronics and Informatics ICOEI 2018 IEEE	SCAD college of Engineering, Tirunelveli, Tamilnadu May 11 th -	ISBN:978-1-5386-3570-4
45	1VA14EC064	Neveditha M				
46	1VA14EC091	Shashank R				
47	1VA14EC096	Srinivas G S				
48	1VA14EC107	Vini	Modelling and simulation of Photonic crystal cavity quantum dot laser for bio-sensing application	International Conference on Trends in Electronics and Informatics ICOEI 2018 IEEE	SCAD college of Engineering and Technology, Tirunelveli	ISBN:978-1-5386-3570-4
19	1VA14EC089	Sanjana A				
50	1VA12EC412	Praveen N M	Modelling and analysis of micro ring resonator for bio-sensing application	RTEICT 2018	SVCE, Bangalore May 18 th – 19 th 2018	978-1-5386-2440-1/18/\$31.00©2018 IEEE
51	1VA14EC072	Prajwal				
52	1VA14EC048	Madhumala S	Modelling and analysis of SPR based gap waveguide	ISER 35 th International conference on nanoscience, IC2NAM-2018	Bali, Indonesia. May 18 th 2018	Paper presented
53	1VA14EC033	Harshitha G R				
54	1VA14EC046	Likihtha K				
55	1VA14EC031	Harish Sahadev M				
56	1VA14EC009	Arpitha S	Modelling and analysis of SOI grating Coupler for Lab-on-a-chip Bio-sensing applications	International Conference on Recent Trends in Computational Engineering and Technologies	Raja Rajeshwari College of Engineering, May 17 th -	Paper presented
57	1VA14EC015	Bhavya M G				
58	1VA14EC025	Divya Shree R				
59	1VA12EC400	Abhishek K	Cost effective touch screen-based tables for restaurants using video processing	Perspectives in Communication, Embedded-Systems and Signal-Processing (πCES- An International Journal)	Vol 2, issue 1, April 2018	ISSN:2566-932x
60	1VA14EC010	Ashfaq M				
61	1VA12EC058	Nithin B U				
62	1VA14EC037	K Gopi Chand				
63	1VA14EC029	Guru Prasad A S	Intelligent helmet	National Conference (NCWCN-2018)	AIT, Bangalore. 23 rd May 2018	Paper presented
64	1VA14EC268	PatibandlaAkhil Sai				
65	1VA14EC027	G Rajesh				
66	1VA14EC090	Shaik Saleem				
67	1VA13EC058	Noor Salma A	Saliency detection for the analysis and manipulation of a digitized image	13 th National Conference on “Recent Trends in Computer Science & Engineering”	SJB Institute of Technology, Bangalore.	Paper presented
68	1VA13EC087	Sowmya N				
69	1VA14EC059	Nandini K V				
70	1VA15EC403	Shruthi N				
71	1VA14EC001	Abhinandan R	River and Fisherman safety enhancement boat	SIEST 2018	RLJIT, Doddaballapur. 18 th -19 th	JARDCS Journal
72	1VA14EC057	Nandan J				

73	1VA14EC005	Ambujakshi			May 2018 Vol. 10, 04-Special Issue, 2018	
74	1VA14EC103	Tej Kiran A N				
75	1VA14EC014	Bharath Kumar R	Design of In-pipe Inspection Robot	National Conference on Wireless Communication and Networking	Acharya Institute of Technolog y,	Paper presented
76	1VA14EC052	Manohar R				
77	1VA14EC053	Mohan Kumar L				
78	1VA14EC054	Mohan Kumar V				

Students Achievements

- ❖ The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering industry, Government, and civil society, through advisory and consultative processes. Green quest 2017 contest was conducted by Confederation of Indian Industry (CII) in Bangalore, our college student from ECE department has participated and won 1st and 2nd prize. **Ms.Shilpa Singh and Sandeep.S.N** has won 1st prize amount of 15,000/-, by presenting the topic on “Efficient Traffic Management System – Bangalore”.



First prize winner's Green quest 2017 Ms. Shilpa Singh and Mr. Sandeep with organizing Committee.

- ❖ **Ms. Keerthi G Hegde and Ms. Manasa. R** has won 2nd prize amount of 10,000/-, by presenting the topic on “Urban Solid Waste Management – Bangalore”.



Second prize winner Green quest 2017 Ms. Manasa R and Ms. Keerthi G Hegde

- ❖ **Ms. Nishitha. R, Ms. Raksha V and Ms. UmmeKulsum** from Dept. of ECE participated in SMART Idea Presentation Competition held on account of technical fest TECHZONE held at JNNCE in association NAIN centre IT. BT Dept. GOVT of Karnataka. They won Best Idea amongst 24 presentations (Each group of 4 members) and also got Implementation support from Incubation Centre JNNCE. They presented their Idea on IoT Based Automatic Billing System Using Barcode Scanner by Android Device and Monitoring Unregistered Barcode using RFID detection.

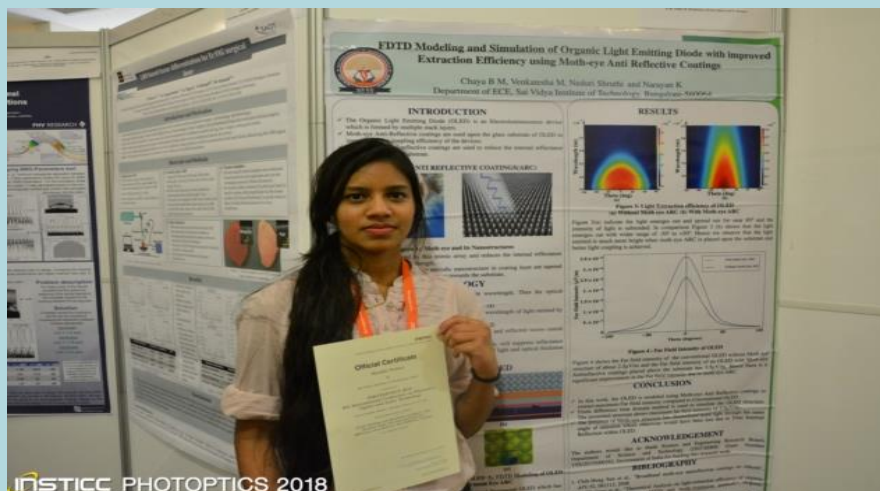


- ❖ **Mr. Purushotham. D, Ms. Sampritha Hegde K. S and Ms. Vasudha N S** from Dept. of ECE participated in SMART Idea Presentation Competition held on account of technical fest TECHZONE held at JNNCE in association NAIN centre IT. BT Dept. GOVT of Karnataka. They won Best

Idea amongst 24 presentations (Each group of 4 members) and also got Implementation support from Incubation Centre JNNCE. They presented their Idea on Automatic Issuing of Bus Tickets, Passenger Maintenance, Seat Allocation, and Track, Count Each Person Boarding and DE boarding the Bus using RFID and IoT.



- ❖ Ms. Shruthi Neduri, of 8thsemester have presented the paper at PHOTOPTICS 2018, Funchal, Madeira - Portugal, Proceedings of the 6th International Conference on Photonics, Optics and Laser Technology - Volume 1: PHOTOPTICS, 266-272, Under the guidance of Dr.Narayan.K, Professor, Head and Prof. Chaya B M, Department of ECE.



Ms Shurthi attended the Photoptics 2018 at Madeira Portugal Europe. (She got travel grant of 73,855 from AICTE, INAE Scheme)

- ❖ Ms. Navya Krishna Reddy of 8thsemester has presented the paper at SPIE Optical System Design, 14-17 May 2018. Pg.1-6 Vol: 10690 ,held at

Frankfurt, Germany, Under the guidance of Dr. Narayan.K, Professor, Head Department of ECE.

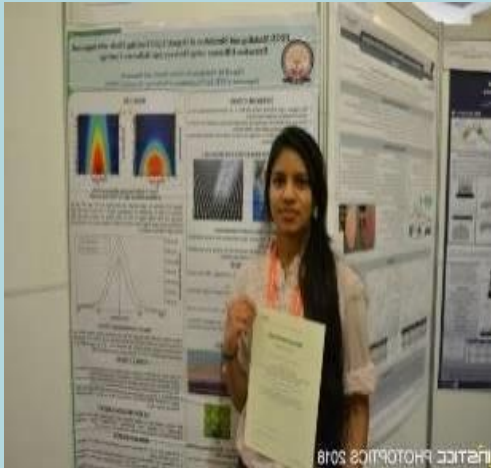


Ms. Navya K, SPIE Conference held at Frankfurt, Germany

- ❖ Winning team from our college under the guidance of Prof Pavan Kumar E in Project Exhibition cum competition which was held at VTU Belagavi on founders day with VTU Vice Chancellor Dr. Karisiddappa.



Students sponsored / received grants from IEEE to visit Conferences held Abroad



Ms. Shruthi Neduri Department of ECE is one the active student member of IEEE and IEEE photonics and EMBS chapters. She is the Recipient of INR 1 Lakh Travel Grant from AICTE – INAE, to attend one of the top conference PHOTOPTICS ,January 2018 held in Madeira – Portugal, Europe.



Ms. Navya Krishna Reddy, Department of ECE is one the active student member of IEEE and IEEE photonics and EMBS chapters. She is involved in many technical activities conducted by IEEE SVIT Photonics and EMBS chapters. She is the Recipient of USD 400travel Grant from SPIE-Optical System Design, May 2018 held in Frankfurt Germany.

Academic Achievements

- ❖ 11 Students are certified in **National Programme on Technical and Enhanced Learning (NPTEL)** for various Courses of Electronics and communications engineering in the year 2017-18.
- ❖ **Mr. Akshay Uppin**, Student of ECE department attended 50 hours training program on Java Application Development.
- ❖ **Ms. Kavya J**, Student of ECE department has attended one month Industry Oriented Vocational Training Program- JANUS 2017 organised by ZESTECH Global Pvt. Bengaluru
- ❖ **Ms. Priyanga R** , Student of ECE department has attended various training programs at Doordarshan Kendra and training at ISRO Telemetry Tracking and Command Network.

Project Exhibition

Sai Vidya Institute of Technology had conducted project exhibition for students of final year of all the branches. Exhibition was conducted on 10th May 2018.

List of Best Projects of the Batch 2017-18

SL.No	USN	Name of the Students	Title of the Project
1.	1VA14EC063	NeduriShruthi	Modeling and Simulation of OLED to reduce surface plasmon losses using FDTD.
	1VA14EC070	Poojith T	
	1VA14EC073	Prashanth A U	
	1VA14EC084	S Jayashree	
2.	1VA14EC062	Navya K	Modelling and Simulation of Organic Photodetector using FDTD for bio sensing Applications
	1VA14EC067	Pallavi N P	
	1VA14EC075	Priyanga R	
	1VA14EC081	Rashmitha K K	

Glimpses of Project Exhibition



FDP/ Workshops attended by Faculty

Sl. No.	Name of the Faculty	Name of the FDP/ Workshop	Place	No. of Days
1	Dr. Narayan K	9 th Bengaluru India NANO	VGST & KSTEPS, Benagloru	2 Days
2	Mr. Suryanarayana N K	Programing ARM Processor with hands on using ESA KEIL ARM Cottex-M3 Evaluation Board	BMSIT&M. Bengaluru	5 Days
3	Mr. Suryanarayana N K	Computer Network Lab	DON BOSCO INSTITUTE OF TECHNOLOGY, Bangalore	3 Days
4	Mr. Venkatesha M	9 th Bengaluru India NANO	VGST & KSTEPS, Bengaluru	2 Days
5	Ms. Chaya B M	Summer School on Optics and Photonics - 2018	IISc, Bangalore	4 Days
6	Ms. Shwetha M	Summer School on Optics and Photonics - 2018	IISc, Bangalore	4 Days
7	Mr. Pavan Kumar E	MATLAB for RESEARCH	SVIT, Bangalore	4 days
8	Ms. Nayana K	MATLAB for RESEARCH	SVIT, Bangalore	4 days
9	Ms. Nayana K	ARM CORTEX M3 & EMBEDDED CONTROLLER	Charan Technologies, SVIT, Bangalore	3 Days

MOOC Certification by Faculties

Sl.No	Faculty Name	Course	Organization / University
1	Ms. Asha K	Effective Engineering Teaching in Practice	NPTEL
		Photonic Integrated Circuits	
		Research Writing	
2	Mr. Darshan R V	Photonic Integrated Circuits	NPTEL

Faculty Publications

Dr. Narayan K

- FDTD Modeling and Simulation of Organic Light Emitting Diode with improved extraction efficiency using Moth-eye Anti Reflective Coatings. Conf. PHOTOPTICS, Febraury 2018, **Scopus**, DOI: [10.5220/0006651702660272](https://doi.org/10.5220/0006651702660272)
- Modeling and Simulation of Photonic Crystal Cavity Quantum Dot LASER for Biosensing Application. Conf. ICOEI 2018 ,**Scopus**, DOI: [10.1109/ICOEI.2018.8553909](https://doi.org/10.1109/ICOEI.2018.8553909)
- Modeling and Analysis of ARROW Waveguide for Point of Care Diagnostic Application. Conf. ICOEI 2018 ,**Scopus**, DOI: [10.1109/ICOEI.2018.8553860](https://doi.org/10.1109/ICOEI.2018.8553860)
- Modeling and simulation of organic photodetector using Photonic crystals. Conf, IEMENTech 2018, **Scopus**, [10.1109/IEMENTECH.2018.8465291](https://doi.org/10.1109/IEMENTECH.2018.8465291)
- Modeling of enhancement effect of moth-eye antireflective coating on an organic light-emitting diode, Journal of Nanophotonics, June 2018, **IF : 1.429, SCIE**, DOI: <http://dx.doi.org/10.1117/1.JNP.12.046021>
- Modeling and Analysis of an Opto-Fluidic Sensor for Lab-on- a-Chip Applications, Journal. Micromachines , June 2018, **IF: 2.426, SCIE**, DOI: [10.1109/JSEN.2013.2243429](https://doi.org/10.1109/JSEN.2013.2243429)
- Modeling and Analysis of SOI Grating Coupler for Bio-sensing Applications. IEEE Conf.IPC April 2018, **Scopus**, DOI: [10.1109/IPCon.2018.8527226](https://doi.org/10.1109/IPCon.2018.8527226)
- Design and Analysis of Graphene-based Single Mode SOI Integrated Optical Sensor, IEEE Conf.IPC , April 2018, **Scopus**, DOI: [10.1109/IPCon.2018.8527297](https://doi.org/10.1109/IPCon.2018.8527297)
- Design and Analysis of Silicon Ring Resonator for Bio-sensing Application. Conf. Proceedings SPIE ,March 2018 , **Scopus**, DOI: <https://doi.org/10.1117/12.2313477>

Prof. Venkatesha M

- Modeling and Analysis of an Opto-Fluidic Sensor for Lab-on- a-Chip Applications, Journal. Micromachines , June 2018, **IF: 2.426, SCIE**, DOI: [10.1109/JSEN.2013.2243429](https://doi.org/10.1109/JSEN.2013.2243429)
- Modeling and Analysis of SOI Grating Coupler for Bio-sensing Applications. IEEE Conf.IPC April 2018, **Scopus**, DOI: [10.1109/IPCon.2018.8527226](https://doi.org/10.1109/IPCon.2018.8527226)
- Design and Analysis of Graphene-based Single Mode SOI Integrated Optical Sensor, IEEE Conf.IPC , April 2018, **Scopus**, DOI: [10.1109/IPCon.2018.8527297](https://doi.org/10.1109/IPCon.2018.8527297)

- Modeling of enhancement effect of moth-eye antireflective coating on an organic light-emitting diode, Journal of Nanophotonics, June 2018, **IF : 1.429, SCIE**, DOI:<http://dx.doi.org/10.1117/1.JNP.12.046021>

Prof. Shwetha M

- Design and Analysis of Silicon Ring Resonator for Bio-sensing Application. Conf. Proceedings SPIE , March 2018 , **Scopus**, DOI:<https://doi.org/10.1117/12.2313477>
- Analysis of ring resonator structure with quality factor enhancement. Conf. Proceedings , March SPIE 2019, **Scopus**, DOI:<https://doi.org/10.1117/12.2520946>
- Design and Analysis of Optical Ring Resonator for Bio-Sensing Application. Conf. Proceedings SPIE Jan- 2019, **Scopus** , DOI:<https://doi.org/10.1117/12.2510201>

Prof. Asha K

- Modeling and Simulation of Photonic Crystal Cavity Quantum Dot LASER for Biosensing Application. Conf. ICOEI 2018 , **Scopus**, DOI:[10.1109/ICOEI.2018.8553909](https://doi.org/10.1109/ICOEI.2018.8553909)

Prof. Pavan Kumar E

- Gesture technology for deaf and dumb , International Journal of Science & Engineering development Research, Vol-3, Issue 5 , IJSDR1805073, May 2018, ISSN: 2455-2631.

Prof. Chaya B M

- FDTD Modeling and Simulation of Organic Light Emitting Diode with improved extraction efficiency using Moth-eye Anti Reflective Coatings. Conf. PHOTOPTICS, Febraury 2018, **Scopus**, DOI: [10.5220/0006651702660272](https://doi.org/10.5220/0006651702660272)
- Modeling of enhancement effect of moth-eye antireflective coating on an organic light-emitting diode, Journal of Nanophotonics, June 2018, **IF : 1.429, SCIE**, DOI:<http://dx.doi.org/10.1117/1.JNP.12.046021>
- Modeling and Analysis of an Opto-Fluidic Sensor for Lab-on- a-Chip Applications, Journal. Micromachines , June 2018, **IF: 2.426, SCIE**, DOI: [10.1109/JSEN.2013.2243429](https://doi.org/10.1109/JSEN.2013.2243429)

Graduation Day-2019

Best Outgoing student – 2018-19



Ms. Kavya receiving award “Best Outgoing student” of Department of ECE and College from honorable Director M.R Holla.



Graduation Day Photo of ECE A section 2014-2018 Batch



Graduation Day Photo of ECE B section 2014-2018 Batch