

**Cordial Welcome to  
The Honorable Chairperson  
&  
Esteemed Members of NBA Team**



**Department of Electronics and Communication  
Engineering  
Malnad College of Engineering**

**20<sup>th</sup> August, 2022**

**WISHING YOU ALL**



# About the Department

- **College Established in 1962.**
- **BE (E&C) program started in 1971-72.**
- **M.Tech. (DE&CS) program started in 1986.**
- **VTU Research Centre since 2002**
  - **BE (E&C)**
    - Onroll – 460 students
  - **M.Tech. (DE&CS)**
    - Onroll – 9 students
  - **M.Sc (Engg) –**
    - 1 Student completed
  - **Ph.D Program –**
    - Completed 8
    - In progress 14

**Number of Faculty – 22**

**Number of Supporting Staff – 13**



# Vision

*To produce industry ready, research oriented and socially responsible Electronics and Communication Engineers.*

# Mission

- *To create an ambience for learning.*
- *To conduct research, beneficial to the society.*
- *To promote industry-academic interaction at all levels.*
- *To be continuously agile to the needs of the stake holders.*

# Head of the Department Profile

**Dr. P.C.Srikanth**

**SMIEEE.,LMISTE.,B.E.,M.Tech.,Ph.D.**

**Professor and HoD**

**Dept. of Electronics and Communication Engineering**



**The department has on its rolls highly qualified and experienced Teaching faculty (22) and Non-teaching Staff (13), who are exposed to the latest developments in the field, to impart theoretical and practical skills to the students.**

# Teaching Faculty

Sl.No	Faculty	Qualification	Specialization	Designation and Experience in years
1	Dr. P.C. Srikanth	B.E., M.Tech., Ph.D.	Optical (Communication and Networks), Photonics ,Quantum (Communication & Machine Learning)	Professor 34
2	Dr. Murthi Mahadeva Naik G	B.E., M.Tech., Ph.D	Antennas, Digital and Analog Communication	Associate Professor 22
3	Dr. G. Padmaja Devi	B.E., M.Tech., Ph.D	DSP, Image Processing	Associate Professor 25
4	Mr. M. N. Ravi Kumar	B.E., M.Tech., (Ph.D)	VHDL, VLSI	Assistant Professor 25
5	Dr. C. L. Triveni	B.E., M.Tech., Ph.D	Optical Networks, Computer Networks	Associate Professor 19
6	Dr. Indira Bahaddur	B.E., M.Tech., Ph.D	Photonics , Computer Networks	Assistant Professor 17
7	Dr. Venkateswara Rao Kolli	B.Tech., M.Tech., Ph.D	Photonics ,Integrated Optics and MEMS	Assistant Professor 15
8	Dr. Keerthi D S	B.E., M.Tech., Ph.D	Computer networks	Assistant Professor 13
9	Mrs. M.R. Dakshayani	B.E., M.Tech.	Digital Electronics & Communication Systems	Assistant Professor 10
10	Mr. Jnana Swaroop K. R	B.E., M.Tech. Pursuing Ph D.	Image Processing	Assistant Professor 10
7/28/2022	ECE, MCE Hassan			6 Contd.,

11	Mr. Raghuram K A	B.E., M.Tech.	Digital Electronics & Communication Systems	Assistant Professor 8
12	Mr. Prathap P.B	B.E., M.Tech. Pursuing Ph D.	Power Electronics Photonic sensors	Assistant Professor 8
13	Ms. Sushma N	B.E., M.Tech. Pursuing Ph D.	IoT and Smart Cities	Assistant Professor 8
14	Mr. Hemanth Kumar	B.E., M.Tech. Pursuing Ph.D	MEMS, Photonics	Assistant Professor 9
15	Mrs. Deepika K C	B.E., M.Tech. Pursuing Ph.D	Image processing	Assistant Professor 8
16	Mr. Santhosh kumar K B	B.E., M.Tech. Pursuing Ph.D	Biomedical signal coding	Assistant Professor 8
17	Mr. Yashas J	B.E., M.Tech. Pursuing Ph.D	Pattern Recognition	Assistant Professor 6
18	Mrs. Prakruthi H L	B.E., M.Tech. Pursuing Ph D.	MEMS	Assistant Professor 7
19	Mrs. Swathi H Y	B.E., M.Tech. Pursuing Ph.D	Pattern Recognition	Assistant Professor 11
20	Ms.Spoorthi B S	B.E., M.Tech. Pursuing Ph.D	Network Security,Cryptography	Assistant Professor 3
21	Mrs.Poornima M R	B.E., M.Tech. Pursuing Ph.D	VLSI Design & Embedded Systems	Assistant Professor 5
22	Dr. Bhagya D	B.E., M.Tech., Ph.D	Biomedical signal processing	Assistant Professor 1

# Technical Staff

Sl. No	Staff Name	Designation	Qualification	Experience
1.	Mr. H.C.Subramanya	Foreman / Programmer	Dip in Mech, PDCA	26
2.	Mr. I V Manohara	Foreman / Programmer	M.Sc.(IT), PGDCA, M.Phil.(CS)	24
3.	Mr. S.C. Sangameshwara	Instructor	Diploma in E&C	19
4.	Mr. Mohan Krishna	Mechanic	ITI(E&E)	16
5.	Mr. H.C. Rajappa	Technical Helper	SSLC	26
6.	Mr. S. Kantaraja	Technical Helper	ITI(E&C)	11
7.	Mrs.Yogitha H. S	Office assistant	BCA	6
8.	Mr .Gangadhara	Office assistant/Helper	BA, B.Ed	16
9.	Mr..Nagaraja	Helper	SSLC	4
10.	Mr. Subramanya	Attender	SSLC	16
11.	Mrs.Jyothishree	Instructor	BE (E&C)	02
12.	Mrs.Sulochana	Instructor	BE (E&C)	02
13.	Mr.Devaraju	Mechanic	Diploma	02



# Electronics Lab

**Floor area: 122.04 sq. meters**

**Labs conducted:**

- **Basic Electronics Lab**
- **Analog Electronics Lab**
- **UG / PG Students Project Work**



# Electronics and Communication Lab

**Floor area: 187.40 sq. meters**

**Labs conducted:**

**PG - Mini Project Lab -I Sem M.Tech**

**UG - Digital Electronics and Microprocessor Lab – III Sem B.E.,E&C**

**Communication Lab – V Sem. B.E., E&C**

**Advanced Communication Lab – VI Sem. B.E.,E&C**

**UG / PG Students Project Work**



# Signal Processing & VLSI Lab

**Floor area: 159.50 sq. meters**

**Labs conducted:**

**PG – Mini Project/Signal processing Lab**

**UG – VLSI Lab – VII Sem. B.E. E&C  
DSP Lab – VI Sem. B.E. E&C  
VHDL Lab – IV Sem. B.E. E&C and**

**UG / PG Students Project work**



# Micro Controller & Embedded Systems Lab



**Floor area: 97.12 sq. meters**

**Labs conducted:**

- **8086 Microprocessor Lab**
- **Microcontroller Lab**
- **Embedded Systems and Networks Lab**
- **UG / PG Students Project Work**

# IoT Lab(an initiative of 1991 batch Alumni)

**Floor area: 40.01 sq. meters**

**Programs conducted:**

- **UG Students Project Work**
- **PG Students Project Work**
- **Community Training etc.**

**Facilities available:**

**Sensors with Multimedia, Printers, Scanners, Networking and Internet**

**Computing Facility:**

- **Pentium i5, i7 Processors systems**
- **Digital Oscilloscope**
- **Sensors etc.,**

# M.Tech/Research Lab (Photonics Lab)

**Floor area: 37.57sq. meters**

- **Optical Fiber Kit Light Runner Premium**
- **Lumericals- Software for Photonics**
- **Qualnet Teaching/ Research Version**
- **HFSS – ANSYS Academic Teaching HF-5 Tasks**
- **Netsim**
- **Software Defined Radio platform with supporting software for UG & PG Students.**
- **i7 Processor System**
- **i5 Processor System**



# Faculty - Student Ratio

Year	Student Strength (2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> year B.E E&CE and M.Tech (DECS))	Number of fulltime teachers	Faculty - Student Ratio
2021-22	344	22	$344/19=18.1$
2020-21	328	22	* $328/19=17.2$
2019-20	347	23	$347/20=17.3$
2018-19	355	22	$355/19=18.6$
2017 - 18	367	23	$367/20=18.3$
2016 - 17	379	24	$379/21=18.5$
* Three faculty considered for first year course-Basic Electronics			

# TEQIP Activities

•The department has received grants to the extent of Rs. 3.05 crores from AICTE and MHRD up to the year 2019, for establishment and upgradation of Microprocessor lab, Electronics lab, Communication Lab, and the Departmental Computer Center.

•The department has received

From TEQIP I (Year: 2005-2009) **Rs. 38,13,827.25**

From TEQIP II (Year: 2013-2017) **Rs. 8,64,883.78**

From TEQIP III (Year: 2018-2019) **Rs. 29,69,257.60**

Total grants from TEQIP I, TEQIP II and TEQIP III = **Rs. 76,47,968.63**



# Library

## Central Facility:

<b>BE (E&amp;C)</b>	<b>Number of books</b>	<b>9381</b>
	<b>Number of titles</b>	<b>1303</b>
<b>M.Tech. (DECS)</b>	<b>Number of books</b>	<b>1882</b>
	<b>Number of titles</b>	<b>340</b>
<b>Journals **</b>	<b>Elsevier</b>	<b>288</b>
	<b>Springer</b>	<b>680</b>
	<b>Taylor and Fancies</b>	<b>535</b>
	<b>IEEE</b>	<b>273</b>
	<b>Proquest</b>	<b>3900</b>
<b>E-books **</b>	<b>Knimbus</b>	<b>12 K +</b>

\*\* VTU Library consortium

## Department Facility:

<b>BE (E&amp;C) and M.Tech. (DECS)</b>	<b>Number of books</b>	<b>2894</b>
	<b>Number of titles</b>	<b>242</b>

# Research and Development (Ongoing)

Sl.No.	Name of the Research Scholar	Name of the Research Guide	Year of Registration	Status of Completion
1	Adarsh D	Dr. P C Srikanth	Dec. 2013	Comprehensive VIVA completed
2	M.N.Ravikumar	Dr. B. R. Sujatha	Dec. 2014	Course work Completed
3	Siddique Iqbal	Dr. B. R. Sujatha	Dec. 2014	Open seminar I completed
4	Husna Johar.R.B	Dr. B. R. Sujatha	Dec. 2015	Open seminar II completed
5	Lakshman D	Dr. P. C. Srikanth	Dec. 2015	Course work completed
6	Santhosh Kumar K B	Dr. B. R. Sujatha	Dec. 2016	Thesis Submitted
7	Mahantesh U	Dr. H. S. Mohana,	Dec. 2016	Comprehensive VIVA completed
8	Satheesh M K	Dr. H. S. Mohana	Dec. 2016	Comprehensive VIVA completed
9	Ajey S S	Dr. P. C. Srikanth	Jan. 2018	Course work completed
10	Yashawini P R	Dr. P. C. Srikanth	April 2019 (Full time)	Open seminar I completed
11	Basavaprasad	Dr.Venkateswara rao Kolli	Nov. 2020	Ongoing

# Department Faculty Registered for Ph.D

S.No.	Name of the Research Scholar	University	Year of Registration	Field of Research	Status
1	Mr. M. N. Ravi Kumar	VTU	2015	Cryptography	Course work Completed
2	Mrs. Swathi H Y	VTU	2016	Image Processing	Comprehensive VIVA Completed
3	Mrs. Deepika K C	VTU	2016	Image Processing	Comprehensive VIVA Completed
4	Mr. Santhosh kumar K B	VTU	2016	Bio-Medical Signal Coding and Communication	Thesis Submitted
5	Mr. Hemanth Kumar	Dayanand Sagar University	2018	Photonics	Thesis Submitted
6	Mr. Yashas J	VTU	2018	Image Processing	Course work ongoing
7	Mrs.Prakruthi H L	Dayanand Sagar University	2019	MEMS	Comprehensive VIVA Completed
8	Mr. Prathap P.B	Dayanand Sagar University	2019	Photonics	Course work completed
9	Mrs. Sushma N	VTU	2019	IoT and Smart Cities	Comprehensive VIVA Completed
10	Ms. Spoorthi B S	Dayanand Sagar University	2020	Network Security	Comprehensive VIVA Completed
11	Mr. Jnana Swaroop K. R	VTU	2020	Image Processing	Course work completed
12	Mrs.Poornima M R	VTU	2021	VLSI Design	Course work to be completed

# Research and Development

List of Research Scholars (obtained Ph.D degree)

Total No. : 14 Ph.Ds completed

#	Name of the Research Scholar	Research Guide	Area of Research	Status
1	M.K. Venkatesha	Dr. K.A. Krishnamurthy	Study of five level PWM inverters	Completed
2	N P Kavya	Dr. M V Sathyanarayana	Networks – Artificial Intelligence Techniques in Data Mining	Completed
3	P C Srikanth	Dr. M V Sathyanarayana	Survivability in optical networks	Completed
4	B R Sujatha	Dr. M V Sathyanarayana	Networks - Routing strategies in Adhoc Networks	Completed
5	Manjunath Prasad	Dr. Shivaprakash Koliwad	Pattern recognition – Artificial Neural Networks for face recognition	Completed
				Contd.,

<b>#</b>	<b>Name of the Research Scholar</b>	<b>Research Guide</b>	<b>Area of Research</b>	<b>Status</b>
6	M S Ravi Kumar	Dr. Shivaprakash Koliwad	Image processing – Eye gazing / Iris Recognition	Completed
7	T Ashok Kumar	Dr. Shivaprakash Koliwad	Pattern recognition – Language Identification	Completed
8	S V Sheela	Dr. P A Vijaya	Image Processing – Compression techniques on RS data	Completed
9	G Shivakumar	Dr. P A Vijaya	Image Processing	Completed
10	M C Padma	Dr. P A Vijaya	Image Processing	Completed

<b>#</b>	<b>Name of the Research Scholar</b>	<b>Research Guide</b>	<b>Area of Research</b>	<b>Status</b>
11.	C L Triveni	Dr. P C Srikanth	Optical Networks	Completed
12.	Indira Bahaddur B	Dr. P C Srikanth	MEMS & Photonics	Completed
13.	Yashwanth N	Dr. B R Sujatha	Under Water Wireless Sensor Networks	Completed
14	Baby H T	Dr. B R Sujatha	Chaos based KEY generation for Cryptosystem	Completed

# Details of Ph.Ds awarded during the last five years

Sl. No.	Name of the PhD scholar	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
1	Venkatesha Rao Kolli	Dr. T Srinivas	Integrated Optical Ring Resonators for Sub-Micron force and Accelerometer Sensors	2012	2018
2	Murthi Mahadeva Naik	Dr. Naveen Kumar S K	Design and Performance Enhancement of Microstrip Patch Antenna using DGS and DMS Technique	2012	2020
3	Padmaja Devi	Dr. K S Aprameya	Verification and Recognition of Hand Written Signatures	2013	2020
4	Keerthi D S	Dr. T G Basavraj	Load Balancing Routing Mechanisms for Wireless Mesh Networks	2012	2021
5	C L Triveni	Dr. P C Srikanth	Performance Analysis of Slice optical Networks.	2013	2021
6	Indira Bahaddur	Dr. P C Srikanth	Study on Performance of Pressure Sensors Based on Photonic Crystals.	2013	2021
7	Bhagya D	Dr. Suchetha M	Quantitative Analysis of Capnography for the Diagnosis of Cardio Pulmonary Diseases	2016	2022

# Achievements of Research Scholar

- **Yashaswini P R**  
(Full time research scholar, Dept of ECE)
- Her proposal is accepted for fellowship by DST under **DST-PhD fellowship for Science and Engineering, 2021**
- Title: Design and performance analysis of Photonic sensors for various applications
- Supervisor: Dr. P C Srikanth





# Consultancy and Research

**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**

# MoUs

Sl.No	Organization/Industry	Link to the document
1	MCF, Hassan	<a href="..\Downloads\MoU with MCF.pdf">..\Downloads\MoU with MCF.pdf</a>
2	BSNL, Hassan	<a href="..\Downloads\MoU with BSNL.pdf">..\Downloads\MoU with BSNL.pdf</a>
3	Eagle Photonics	<a href="..\Downloads\MoU with EaglePhotonics.pdf">..\Downloads\MoU with EaglePhotonics.pdf</a>

# MOU with Master Control Facility, Hassan

## MEMORANDUM OF UNDERSTANDING

between

Malnad College of Engineering, Hassan - 573 201

&

Master Control Facility (MCF), Hassan - 573 201

*This Memorandum Of Understanding (MOU), signed on Tuesday, April 13, 2004, is a document of formalization of excellent interaction already in existence, between the Malnad college of Engineering - Hassan (MCE) and the Master Control Facility - Hassan (MCF), a unit of Indian Space Research Organization (ISRO).*

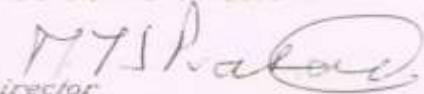
### **Through this MOU, the MCF undertakes to provide**

- Experts to teach M.Tech. classes in MCE, without affecting their normal work in MCF.
- Project and training facilities to the students of MCE.
- Access to the Library Facility in MCF, to the staff and students of MCE.
- Access to the Data Processing and Earth Station Facilities in MCF, to the staff and students of MCE, without affecting their normal work in MCF.


### **The MCE undertakes to provide**

- Expert support for conducting interviews for the Promotion / Selection process in MCF
- Academic support to the Engineers in MCF to prosecute their M.Tech., M.S. & Ph.D. degrees.
- Academic support, to execute joint research projects between MCE and MCF.

The above activities will be coordinated by the Head of the Department of E&C Engineering, MCE, Hassan and The Deputy Director, MCF, Hassan.

  
Director

**MCF, Hassan**

  
Principal

**MCE, Hassan**

Date: April 13, 2004  
Hassan

ECE, MCE Hassan

# MOU with Eagle Photonics, Bangalore

## MEMORANDUM OF UNDERSTANDING

**Malnad College of Engineering, Hassan  
and  
Eagle Photonics, Bangalore**

*This Memorandum of Understanding (MOU), is signed on Monday, March 08, 2010, is a document of formalization of excellent interaction already in existence, between Malnad College of Engineering (MCE), Hassan and the Eagle Photonics (EP), Bangalore.*

Through this MOU, the MCE and EP undertake the following:

1. R&D projects to be executed in MCE, Hassan, sponsored by EP.
2. Project training facilities in EP for M.Tech. and B.E. students of MCE, Hassan.
3. Support from EP for research in MCE, Hassan.

  
Dr. M V Sathyanarayana  
Principal  
MCE, Hassan

  
Mr. Hitesh Mehta  
Chief Technical Officer  
Eagle Photonics, Bangalore

Date: March 08, 2010  
Place: Bangalore

# MOU with BSNL, Hassan

## MEMORANDUM OF UNDERSTANDING

### Malnad College of Engineering, Hassan & Bharath Sanchar Nigam Limited, Hassan

This memorandum of understanding signed on Monday, the 5th day of April 2010, is a document of formalization of excellent interaction already in existence between the Malnad College of Engineering (MCE), Hassan and Bharath Sanchar Nigam Limited (BSNL), Hassan - a unit of BSNL, Karnataka Circle, which is a PSU under Government of India.

Through this MOU,

#### **BSNL, Hassan undertakes to provide**


- Resourceful personnel for Project works to the students of MCE in the field of telecommunication technology those are presently available in BSNL, Hassan.
- Access to the staff and students of MCE in various advanced technologies that are prevailing in BSNL, Hassan.
- Access to the demos on new technologies that are being introduced in BSNL, Hassan from time to time.

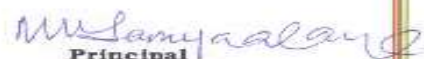
#### **MCE, Hassan undertakes to provide**

- Expert support with seminars and workshops on technical aspects in telecommunications.
- Academic support to the eligible aspirants in BSNL, Hassan to prosecute their M.Tech, M.S and Ph.D programmes.
- Academic support to exchange jointly the advanced technologies in telecommunications and various advanced application software.

The above activities will be coordinated by the Heads of Department of E&C Engineering & Computer Science, MCE Hassan and the Deputy General Manager, BSNL, Hassan.

**Note: This MOU does not imply any financial implications/transactions between MCE & BSNL, Hassan.**

  
General Manager  
BSNL, Hassan

  
Principal  
MCE Hassan

5<sup>th</sup> April 2010 at Hassan

# ILLUSTRIOUS ALUMNI

- **Alumni 1983 batch Mr.Nagaraj, Scientist Engineer 'F' one of the members in Chandrayana-II Mission.**
- **Alumni 1984 batch Mr. Satya Niranjana, Scientist Engineer 'F' one of the members in Chandrayana-II Mission.**
- **Mr.Manu R Saale- CEO,Mercedes Benz India Ltd.,Bangalore.**
- **Mr. Dhananjaya Joshi- COO ,Bharthi Airtel India Ltd. INDIA.**
- **Dr. Venkateshwara Sharma,Deputy Director, ISAC,Bangalore.**
- **Dr. M V Satyanarayana, Rtd. Principal, MCE,Hassan.**
- **Dr.M K Venkatesh,Principal,RNSIT,Bangalore.**
- **Mr.Satyesh Bellur,Vice President, Tejas Networks,Bangalore .**

# BOE Members - Internal

Sl.No.	Name/Designation
1	Dr. P C Srikanth, Professor, Member
2	Dr. Murthi Mahadeva Naik G, Associate Professor, Member
3	Dr. Padmaja Devi G, Associate Professor, Member
4	Mr. M N Ravikumar, Assistant Professor, Member
5	Dr. C L Triveni, Associate Professor, Member
6	Dr .Indira Bahaddur, Assistant Professor, Member
7	Dr.Venkateshwara Rao Kolli, Assistant Professor, Member
8	Dr.Keerthi D S, Assistant Professor, Member
9	Mrs.Dakshayini M R, Assistant Professor, Member
10	Mr.Jnana Swaroop K R, Assistant Professor, Member

Contd...

Sl.No.	Name/Designation
11	Mr.Raghuram K A, Member
12	Mr.Prathap P B, Member
13	Mr. Hemanth Kumar B M, Member
14	Mrs. Sushma N, Member
15	Mrs. Deepika K C, Member
16	Mr.Santhosh Kumar K B,Member
17	Mr. Yashas J, Member
18	Mrs.Prakruthi H L, Member
19	Mrs.Swathi H Y, Member



# BOS Members - Internal

Sl.No.	Name/Designation
1	Dr. P C Srikanth, Professor, Member
2	Dr. Murthi Mahadeva Naik G, Associate Professor, Member
3	Dr. Padmaja Devi G, Associate Professor, Member
4	Mr. M N Ravikumar, Assistant Professor, Member
5	Dr. C L Triveni, Associate Professor, Member
6	Dr .Indira Bahaddur, Assistant Professor, Member
7	Dr.Venkateshwara Rao Kolli, Assistant Professor, Member
8	Dr.Keerthi D S, Assistant Professor, Member
9	Mrs.Dakshayini M R, Assistant Professor, Member
10	Mr.Jnana Swaroop K R, Assistant Professor, Member

**Contd...**

Sl.No.	Name/Designation
11	Mr.Raghuram K A, Member
12	Mr.Prathap P B, Member
13	Mr. Hemanth Kumar B M, Member
14	Mrs. Sushma N, Member
15	Mrs. Deepika K C, Member
16	Mr.Santhosh Kumar K B,Member
17	Mr. Yashas J, Member
18	Mrs.Prakruthi H L, Member
19	Mrs.Swathi H Y, Member
20	Ms. Spoorthi B S, Member
21	Mrs. Poornima M R, Member
22	Dr. Bhagya D, Member

# BOS Members - External

Sl.No.	Name/Designation	
1	Dr. N Shankaraiah Professor Department of E & C Engineering SJCE, Mysore	Academia (Autonomous Institutions)
2	Mr. Yesobu.B Scientist / Engineer 'F' Master Control Facility (ISRO) Hassan	Industry and Alumni
3	Dr.K V Suresh Professor, Dept. of E &C SIT, Tumkur	Academia (Autonomous Institutions)
4	Dr. Renuka P Professor Dept of E&C, MIT Manipal.	Academia (Autonomous/ Deemed University)
5	Dr. D. J. Ravi, Professor, Vidyavardhaka College of Engineering, Mysore.	VTU Nominee

# BOS Members - Industrial Advisory Board Members

Sl. No	Name/Designation	Name of the Company
1	Mr.Ashwin Srinivas,	Siemens Tech Services Pvt. Ltd., Bangalore
2	Mr.Sanjeev P Varute,	KPIT Technologies, Bangalore.
3	Mr.D.S.Srinath,	Synchronoss Technologies, Bangalore.

## Students Representatives

Sl.No.	Name/Designation	
1	Mr. Gokul H L	USN: 4MC18EC023
2	Ms. Pooja H M	USN: 4MC18EC045

# Faculty Achievements

# Patents published

- **Venkateswara Rao Kolli** – A patent titled '*Integrated optical serially coupled microring resonator-based accelerometer and high Q-factor photonic crystal microring resonator-based pressure sensor*' is published in September 2021
- **Venkateswara Rao Kolli** - A patent titled '*[A high sensitive photonic crystal Mach-Zehnder-Interferometer based pressure-sensor](#)*, published in October 2021.
- **Bhagya D** – A patent titled '*Speed of sound based Capnographic Sensor using Acoustic Virial Equation*' published in May, 2018 (First Examination completed)

# Faculty Publications (last 5 years)

Sl.No.	Faculty Name	International Conference	National Conference	National Journal	International Journal	Book Chapter
1	Dr. Srikanth P C	24	-	-	24	
2	Dr. Murthi Mahadeva Naik	3	1	-	12	1
3	Dr. Sujatha B R (retired on 31/8/2021)	13	6	-	17	1
4	Dr. Padmaja Devi	2	4	-	2	
5	Dr. C.L.Triveni	12	-	-	5	
6	Dr. Indira Bahaddur	3	-	-	8	
7	Dr. Venkateshwara Rao Kolli	12	1	-	8	
8	Dr. D S Keerthi	4	3	2	5	1
9	Mr. Hemanth Kumar B M	2	-	-	-	-
10	Mrs. Deepika K C	2	-	-	2	1
11	Mr. Santosh Kumar K B	3	1	-	3	1
12	Mrs. Prakruthi H L	2	-	-	-	-
13	Mrs. Swathi H Y	2	-	-	3	
14	Ms. Spoorthi B S	1	-	-	1	-
15	Dr. Bhagya D	-	-	-	4	

# Publications Since 2020

## 2021-2022

- **Venkateswara Rao Kolli**, Srinivas Talabattula, *“An Optimized Integrated Optical Coupled Micro Ringresonator for Low-Pressure Sensing”*, IEEE Sensors, Impact factor 4.608,2022
- Yashswini ,**Dr. P C Srikanth** *“Comparitive Performance Analysis of 2D Photonics MOEMS Pressure Sensors” pp 1016-1022* ,IEEE International Conference on Computing for Sustainable Global Development (INDIACom-2021), held during 17th and 19th March 2021 Organized by Bharathi Vidyapeeth's Institute of Computer Applications and Management (BVICAM) , New Delhi, India.
- **Hemanth Kumar B M, Dr. P C Srikanth**, Vaibav A M *“A Novel Computation Method for Detection of Malaria in RBC using Photonic Biosensor” pp 1027-1032* ,IEEE International Conference on Computing for Sustainable Global Development (INDIACom-2021), held during 17th and 19th March 2021 Organized by Bharathi Vidyapeeth's Institute of Computer Applications and Management (BVICAM) , New Delhi, India.
- **Hemanth Kumar B M,Dr. P C Srikanth**, Vaibav A M *“Multiple Diseases Detection by Novel Computation Method using 2D Photonic Biosensor” pp 1033-1037* ,IEEE International Conference on Computing for Sustainable Global Development (INDIACom-2021), held during 17th and 19th March 2021 Organized by Bharathi Vidyapeeth's Institute of Computer Applications and Management (BVICAM) , New Delhi, India.
- Yashswini ,**Dr. P C Srikanth** *“Pressure Sensing using a Two-Dimensional Photonic crystal Sensor” pp xx-xx* ,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



## Contd..

### 2021-2022

- P DUDLA, **VR Kolli**, VP Varre, VR Manepalli, BC Pulikonda “*Performance prediction of graphene-based patch antenna using different ground plane dimensions*”, Materials Today: Proceedings, November 2021.
- **K. B. Santhosh Kumar** B. R. Sujatha, “*FPGA Design of an Efficient EEG Signal Transmission Through 5G Wireless Network Using Optimized Pilot Based Channel Estimation: A Telemedicine Application*”. Wireless Personal Communications (November 2021).
- **Deepika K.C.**, Shivakumar G, “*Towards More Accurate Touchless Fingerprint Classification Using Deep Learning and SVM*”, In: Venugopal K.R., Shenoy P.D., Buyya R., Patnaik L.M., Iyengar S.S. (eds) Data Science and Computational Intelligence. ICInPro Jan 2021. Communications in Computer and Information Science, vol 1483. Springer, Cham.
- Yashswini P R , Preeta Sharan ,**P C Srikanth** , “*Design and implementation of MOEMS based optical diaphragm using photonic crystal for the prevention of barotrauma.*”, Elsevier Journal of Results in Optics -2021 , 13(3),Issue xxx ,pp xx-xx, Nov- 2021.
- **Hemanth Kumar B M** , Vaibhav Meshram, **P. C. Srikanth** & Manju Devi , “*A novel computation method for detection of Malaria in RBC using Photonic biosensor*”, Springer Singapore – International Journal of Information Technology, Volume 13(5) , Issue 05 (2020),pp (2053–2058), ,Sept -2021(Int. j. inf. Tecnol). <https://doi.org/10.1007/s41870-021-00782-z>”, Springer Singapore – International Journal of Information Technology, Volume 13(5) , Issue 05 (2020),pp (2053–2058), ,Sept -2021(Int. j. inf. Tecnol).

## 2020-2021

- **Bhagya, D.** and Suchetha, M., “*A capnographic sensor using acoustic virial equation for diagnostic applications*”, IEEE Sensors Letters, 2020, 4(8), pp.1-4.
- **Bhagya, D.** and Suchetha, M., “*A 1-D Deformable Convolutional Neural Network for the Quantitative Analysis of Capnographic Sensor*”, IEEE Sensors Journal, 21(5), pp.6672-6678 (Scopus Index, Impact factor=3.301), 2020..
- **Padmajadevi G**, “*Brest cancer diagnosis based on histology images using convolutional neural networks*”, Volume: 03, Issue:07, July: 2021, IRJETS
- **Padmajadevi G**, “*Techniques for the recognition of various voice issues: Neurological, Functional and laryngeal diseases*” volume: 03, Issue:06, June: 2021, IRJETS.
- **Venkateswara Rao Kolli**, Prabhakar Dudla, Srinivas Talabattula, “*Integrated optical MEMS serially coupled double racetrack resonator based accelerometer*”, Elsevier,Optik (2021) Volume 236, June 2021, 166583.
- **Venkateswara Rao Kolli**, Basavaprasad , Indira Bahaddur , Srinivas Talabattula “*A high sensitive photonic crystal Mach-Zehnder-Interferometer based pressure-sensor*”,journal homepage:[www.sciencedirect.com/journal/results-in-optics](http://www.sciencedirect.com/journal/results-in-optics).
- **VenkateswaraRaoKolli, Indira Bahaddur**, Basavaprasada , DudlaPrabhakar, SrinivasTalabattula, “*A High Q-factor Photonic Crystal Microring-resonator based Pressure Sensor*”, Elsevier-Photonics and Nanostructures - Fundamentals and Applications 2020, Volume 43, February 2021, 100870  
<https://doi.org/10.1016/j.photonics.2020.100870>

- **Indira Bahaddur**, Kavana K V, **P C Srikanth**, “*Malignancy Cells Discovery Utilizing Photonic CrystalBased Biosensor*”, International Journal of Engineering Research and Management (IJERM)ISSN: 2349- 2058, Volume-07, Issue-07, July 2020.
- **Deepika, K.C.**, Shivakumar, G. A Robust Deep Features Enabled Touchless 3D-Fingerprint Classification System. SN COMPUT. SCI. 2, 263 (2021). <https://doi.org/10.1007/s42979-021-00657-x>.
- **Santhosh Kumar K B** and **B R Sujatha**, “*Low area FPGA Implementation of Secure MIMO OFDM based Wireless ECG Signal Transmission*”, International Journal of Inventive Engineering and Science, Vol.14, No.4, February 2021 <https://doi.org/10.22266/ijies2021.0831.06>, pp 55-65.
- **ThayabaNausheenA, Sujatha B R**, “*NLP Based Covid-19 Sentiment Classification and fake news detection using ML*” International Journal of Advanced Research in Computer and Communication Engineering Vol. 10, Issue 5, May 2021,pp 286-292.DOI 10.17148/IJARCCCE.2021.10556 ISSN (Online) 2278-1021 ISSN (Print) 2319-5940.
- **Aishwarya H S, Sujatha B R**, “*Prediction of Lung Diseases based on Supervised and Unsupervised Approach*” International Journal of Advanced Research in Computer and Communication Engineering Vol. 10, Issue 5, May 2021, pp269-275, DOI 10.17148/IJARCCCE.2021.10556 ISSN (Online) 2278-1021 ISSN (Print) 2319-5940
- **Yashwanth N, B R Sujatha, Yogeshwary B H**, “*Performance of SALP Swarm Optimization Algorithm in Underwater Wireless Sensor Networks*”, Journal of Huazhong University of Science and Technology (JHUST), Vol. 50, no. 3, Mar 2021, pp. 1-9.

- Pallavi H.V, **Murti Mahadeva Naik G**, A.P. Jagadeesh Chandra, Paramesha, *“Enhancement of Radiation characteristics in a planar Microstrip patch Antenna using Defected Ground Structure”*, Turkish Journal of Computer and Mathematics Education, 2021.
- SAHANA R S, **MURTHI MAHADEVA NAIK G**, *“Dual Polarized Rectangular Microstrip Patch Antenna for 5G Wireless Application”*, IRJET, 2021
- Kathyayini Vishwakarma L V, **Keerthi D S** *“A Novel Approach for Tracking Crowd and Vehicles in surveillance Videos”*, International Research journal of Modernization in Engineering Technology and Science, Vol. 2, Issue 8, pp. 1318-1326, August – 2020 (e-ISSN : 2582-5208).
- Yashaswini P R, N Mamatha, **P. C. Srikanth**, *“Circular diaphragm based MOEMS pressure sensor using ring resonator”*, Springer Singapore – International Journal of InformationTechnology, Volume XXX , IssueXX(2020),pp XXXX-XXXX, 21-August-2020(Int. j. inf. tecnol. <https://doi.org/10.1007/s41870-020-00534-5>).
- Yashswini ,**P C Srikanth**, *“Performance analysis of photonic crystal based biosensor for the detection of bio-molecules in urine and blood”*, Elsevier Se Proceedings of Materials Today -2020 , Issue xxx ,pp xx-xx, June-2021.
- S. S. Ajey, H. R. Bhanumathi ,**P. C. Srikanth**, PreetaSharan, *“Highly sensitive photonic crystal based biosensor for Bacillus cereus”*, Springer Singapore – International Journal of Information Technology, Volume ,30-August-2020(Int. j. inf. tecnol. <https://doi.org/10.1007/s41870-020-00507-8>)
- Lakshmi D L, **P C Srikanth**, *“Pressure Sensor Based on Two-Dimensional Photonic-Crystal Ring Resonator”*, Springer Select Proceedings of VSPICE-2020 , Issue 752 ,pp 85-98, December- 2020.
- **Deepika K C**, Dr. G Shivakumar, *“Touchless 3D Fingerprint Identification using SSIM template matching Technique”*, Dogo Rangsang Research Journal ( UGC Care Group 1 Journal) ISSN: 2347-7180, Vol-10, Issue-08, No.13, PG no-72-80. August 2020.

# Awards received by Faculty

## Dr.P.C.Srikanth

- 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 2022Organized by Department of Electronics and Communication Engineering,Aditya Engineering College ,Surampalem East-Godavari District, Andhra Pradesh, INDIA.

# Award from IETE

ಮಲೆನಾಡು ಕಾಲೇಜು ಡೀನ್‌ಗೆ ಫೆಲೋ ಪ್ರಶಸ್ತಿ



ಹಾಸನ: ನಗರದ ಮಲೆನಾಡು ತಾಂತ್ರಿಕ ಮಹಾ ವಿದ್ಯಾಲಯದ ಡೀನ್ ಮತ್ತು ಇ ಆಂಡ್ ಸಿ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ಡಾ. ಪಿ.ಸಿ. ಶ್ರೀಕಾಂತ್ ಅವರಿಗೆ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಆಂಡ್ ಟೆಲಿಕಮ್ಯುನಿಕೇಷನ್ ಇಂಜಿನಿಯರಿಂಗ್ ವತಿಯಿಂದ ಮೈಸೂರಿನಲ್ಲಿ ಇತ್ತೀಚೆಗೆ ಡಿಪ್ಲಿಂಗಿಷ್ಫ್ ಐಐಟಿಇ ಫೆಲೋ ಪ್ರಶಸ್ತಿ ಪ್ರದಾನ ಮಾಡಲಾಯಿತು.

ನಂತರ ಮಾತನಾಡಿದ ಅವರು, ಐಐಟಿಇ 68 ವರ್ಷಗಳ ಸುದೀರ್ಘ ನಡೆದು ಬಂದ ಹಾದಿ ಕುರಿತು ವಿವರಿಸಿದರು. ಭಾರತೀಯ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆಯ ಐಐಟಿಇಯು ವಿದ್ಯಾರ್ಥಿಗಳು, ಪ್ರಾಧ್ಯಾಪಕರು ಮತ್ತು ಕೈಗಾರಿಕಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಬಹಳಷ್ಟು ಕೊಡುಗೆ ನೀಡಿರುತ್ತದೆ. ಸಂಶೋಧನಾ ವಿದ್ಯಾರ್ಥಿಗಳು ಮತ್ತು ಸಂಶೋಧನಾ ನಿರತ ಪ್ರಾಧ್ಯಾಪಕರುಗಳು ಇದರ ಸದುಪಯೋಗ ಪಡೆದುಕೊಂಡು ಸಂಶೋಧನಾ ಪ್ರಬಂಧ ಮಂಡಿಸಲು ಸಲಹೆ ನೀಡಿದರು.

ಐಐಟಿಇ ಅಧ್ಯಕ್ಷ ಡಾ. ನಟರಾಜ್, ಉಪಾಧ್ಯಕ್ಷರಾದ ಡಾ. ಭಾಗ್ಯಲಕ್ಷ್ಮಿ, ಕಾರ್ಯದರ್ಶಿ ಡಾ. ಪರಮೇಶ್, ಖಜಾಂಚಿ ಡಾ. ಗೋಕಲೆ, ಮತ್ತಿತರು ಭಾಗವಹಿಸಿದ್ದರು.

# Award from IEEE Mysore sub section





# Events Conducted

## Conferences / Workshops /seminars – organized by IEEE MCE Student Branch and IEEE MCE Photonics Groups

Event no	Date	Name of Activity	Subcategory	Speaker/Organizer	Convenors/Coordinators
1	28th May 2022	Photonics and Quantum Concepts.	Symposium	Dr.P.C.Srikanth ,Professor & HOD, dept. of E&C,MCE,Hassan	Pranav
2	16th May 2022	Fundamentals of Ultrafast Lasers	Symposium	1.Dr.Debabrata Goswami Professor,Dept. of Chemistry,IIT,Kanpur 2.Dr.Samir Kumar Biswas Assistant Professor,Physical Sciences,IISER,Mohali 3.Dr.Vipul Rastogi Professor,Dept. of Physics IIT,Roorkee	Dr.P.C.Srikanth, Dr. C L Triveni, Dr. Indira Bahaddur
3	4th June 2021	Resonant cavity based optical modulators/switches using electro absorption effect	Webinar	Dr Sooraj Ravindran,,Professor , IIST Trivandram	Dr.P.C.Srikanth
4	28th May 2021	Introduction to Photonics”,( In Kannada)	Webinar	Dr. Gopalakrishna Hegde, Professor , IISc Bangalore	Dr.P.C.Srikanth
5	24nd May 2021	Compensation of Impairments in Fiber Optic Systems	Webinar	Dr Shiv Kumar ,Professor ,Mc Master University , Canada	Dr.P.C.Srikanth

6	22nd May 2021	Mode Locked Fiber Lasers	Webinar	Dr Niloy K Dutta ,Professor ,University of Connecticut, USA	Dr.P.C.Srikanth
7	17th April 2021	IEEE Benefits and IEEE Funding for Projects	Webinar	Dr Sujatha ,Professor ,BMS College of Engineering Bangalore	Dr.P.C.Srikanth
8	11th and 13th January 2021	Quantum Concepts and Applications(With Hands on)	Webinar	D R Vijayakumar, Govt. Polytechnic, Belur	Dr.P.C.Srikanth
9	28 <sup>th</sup> May 2021	Introduction to Photonics ( In Kannada)	Webinar	Dr. GopalakrishnaHegde, Professor, IISc Bangalore	Dr.P.C.Srikanth
10	7 <sup>th</sup> June 2020	Purify a Survey : Reliability & Construct Validity	Webinar	Dr.Said El Hajjar Associate Professor, College of Arts,Science and Education, University in Lebanon	Dr.P.C.Srikanth
11	30th May 2020	Artificial Intelligence in Healthcare	Webinar	Parag Chatterjee, Researcher at National Technological University, Buenos Aires,Argentina, Assistant Professor at Dept. of Biological Engineering, University of Republic, Uruguay	Dr.P.C.Srikanth

12	29 <sup>th</sup> May 2020	Narrow Linewidth Fiber Amplifiers for Coherent Beam Combination	Webinar	Prof.Balaji Srinivasa,Professor,Dept. of Electrical Engineering,IIT,Madras	Dr.P.C.Srikanth
13	16 <sup>th</sup> May 2020	Photonics for India : Opportunities & Challenges	Webinar	Dr.Naresh Chand,Associate Vice President Of Chapter Relations, IEEE Photonics Society, USA	Dr.P.C.Srikanth
14	19 <sup>th</sup> June 2021	Possible Carrier Pathways for Engineering Graduates	Webinar	Organised by IEEE MCE Student Branch , In association with IEEE Bangalore Section and IEEE Mysore Subsection	Dr.P.C.Srikanth Dr Indira Bahaddur
15	06 <sup>th</sup> January, 2022	Blood Donation Camp		Organized by IEEE MCE Student Branch	Dr.P.C.Srikanth
16	8 <sup>th</sup> June, 2022	Blood Donation Camp		Organized by IEEE MCE Student Branch	Dr.P.C.Srikanth
17	12 <sup>th</sup> August, 2022	Blood Donation Camp		Organized by IEEE MCE Student Branch	Dr.P.C.Srikanth

**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 Bharati  
presents  
**AN INTERNATIONAL SYMPOSIUM**

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

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

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

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

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

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

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

**Dr Srikanth P.C**  
IEEE MCE Student Branch Convener

Scan to Register  
[https://docs.google.com/forms/d/17LKErzdC4EUGLer24B\\_eTufoc\\_dvCW109tjCeo/mtf](https://docs.google.com/forms/d/17LKErzdC4EUGLer24B_eTufoc_dvCW109tjCeo/mtf)

Phone: 083686 1084488  
Instagram: @mce\_mce  
Facebook: MCEHASSAN

20 MAY 2021  
5 PM IST

[ieee\\_mce\\_student\\_branch](https://www.linkedin.com/company/ieee_mce_student_branch)  
[ieeemcestudentbranch@gmail.com](mailto:ieeemcestudentbranch@gmail.com)

Phone: 81 44-9130873500  
Bachchan: 81 44-6344202932

[ieee\\_mce\\_student\\_branch](https://www.instagram.com/ieee_mce_student_branch)

**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  
presents  
**A Talk on**  
**TERABIT OPTICAL NETWORKS**  
by

**DR. E. S. SHIVALEELA**  
Principal Research Scientist  
Department of Electrical Communication Engg  
Indian Institute of Science, Bangalore

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

**20 MAY 2021**  
**5 PM IST**

[https://docs.google.com/forms/d/17LKErzdC4EUGLer24B\\_eTufoc\\_dvCW109tjCeo/mtf](https://docs.google.com/forms/d/17LKErzdC4EUGLer24B_eTufoc_dvCW109tjCeo/mtf)

[ieee\\_mce\\_student\\_branch](https://www.linkedin.com/company/ieee_mce_student_branch)  
[ieeemcestudentbranch@gmail.com](mailto:ieeemcestudentbranch@gmail.com)

Phone: 81 44-9130873500  
Bachchan: 81 44-6344202932

[ieee\\_mce\\_student\\_branch](https://www.instagram.com/ieee_mce_student_branch)

**ON THE OCCASION OF INTERNATIONAL DAY OF LIGHT**  
IEEE MCE JOINT PHOTONICS AND COMSOC CHAPTER  
In association with  
IEEE CALCUTTA UNIVERSITY PHOTONICS SOCIETY  
STUDENT BRANCH CHAPTER  
presents  
**A WEBINAR ON**  
**MODE LOCKED FIBER LASER**  
by

**Prof. NILOY K. DUTTA**  
Department of Physics, University of Connecticut,  
Storrs CT 06269, USA  
Program Chair  
**Dr P C Srikanth**

**22nd MAY 2021**  
**5 PM to 6:30 PM IST**

Scan to Register  
[https://docs.google.com/forms/d/17LKErzdC4EUGLer24B\\_eTufoc\\_dvCW109tjCeo/mtf](https://docs.google.com/forms/d/17LKErzdC4EUGLer24B_eTufoc_dvCW109tjCeo/mtf)

[ieee\\_mce\\_student\\_branch](https://www.instagram.com/ieee_mce_student_branch)  
[ieeemcestudentbranch@gmail.com](mailto:ieeemcestudentbranch@gmail.com)  
[rachanahd99@gmail.com](mailto:rachanahd99@gmail.com)

**ON THE OCCASION OF INTERNATIONAL DAY OF LIGHT**  
IEEE MCE JOINT PHOTONICS AND COMSOC CHAPTER  
In association with  
IEEE CALCUTTA UNIVERSITY PHOTONICS SOCIETY  
STUDENT BRANCH CHAPTER  
presents  
**A WEBINAR ON**  
**COMPENSATION OF IMPAIRMENTS IN FIBRE OPTIC SYSTEM**  
by

**Dr. SHIVA KUMAR**  
Professor,  
McMaster University,  
Canada.  
PROGRAM CHAIR  
**Dr.P. C Srikanth**

**24th MAY 2021**  
**4:30 PM to 6 PM IST**


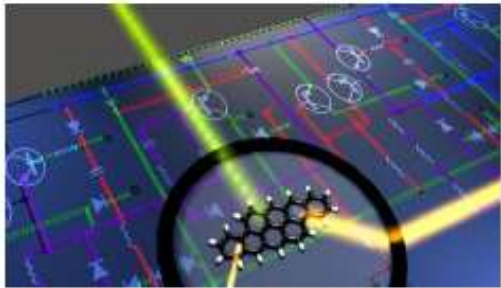
Scan to Register  
[https://docs.google.com/forms/d/17LKErzdC4EUGLer24B\\_eTufoc\\_dvCW109tjCeo/mtf](https://docs.google.com/forms/d/17LKErzdC4EUGLer24B_eTufoc_dvCW109tjCeo/mtf)

[ieee\\_mce\\_student\\_branch](https://www.instagram.com/ieee_mce_student_branch)  
[ieeemcestudentbranch@gmail.com](mailto:ieeemcestudentbranch@gmail.com)

- **ATAL – FDP sanctioned by AICTE on “Quantum and Photonics” for E&C Deptment**

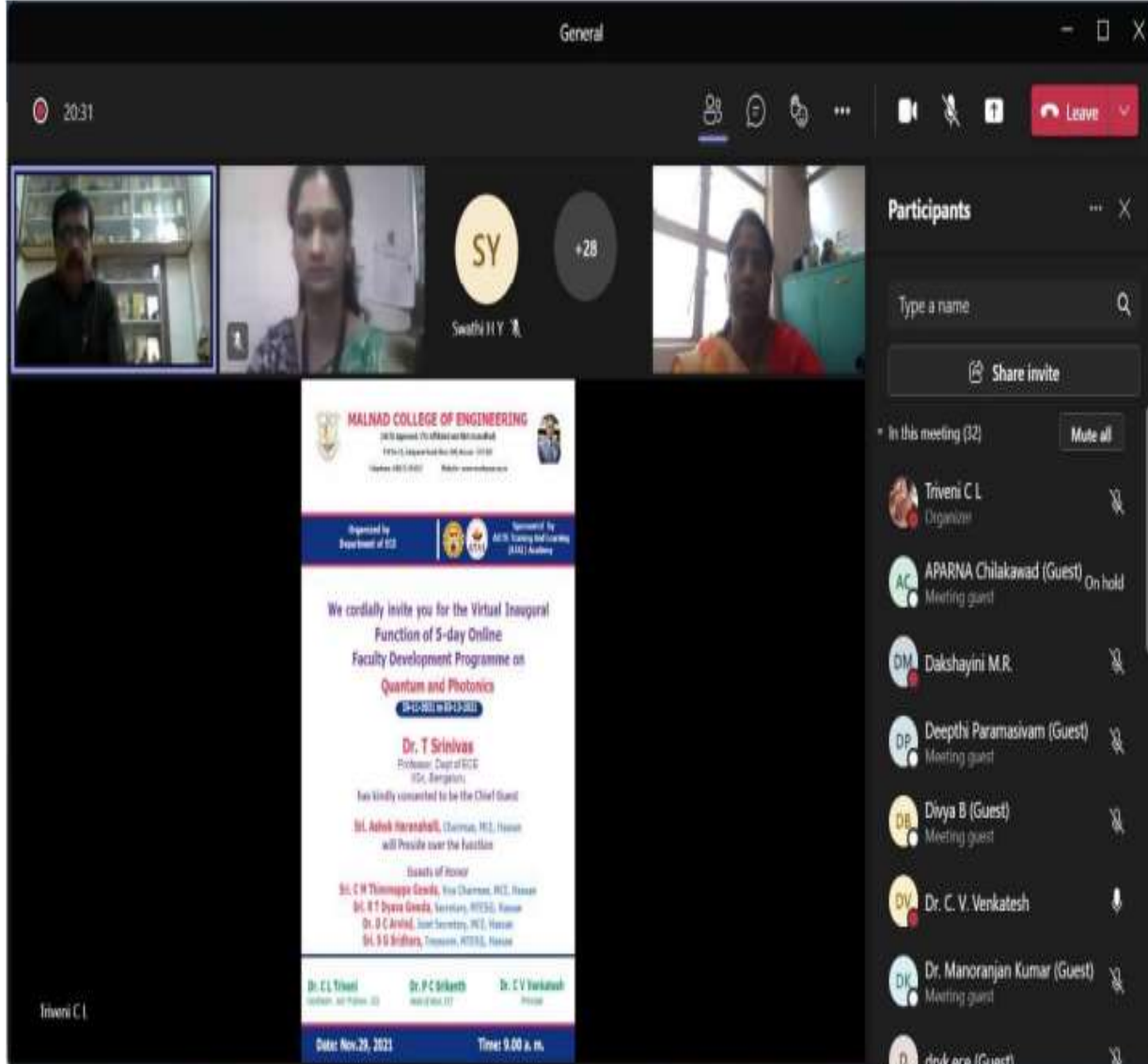
**Malnad College of Engineering  
Hassan, Karnataka**  
*(An Autonomous Institution under VTU-Belagavi)*

One-week  
Faculty Development Programme  
on  
**Quantum and Photonics**  
*(Sponsored by ATAL-AICTE Academy, New Delhi)*  
29<sup>th</sup> November to 3<sup>rd</sup> December 2021

Organized by  
Department of Electronics and Communication Engg.  
Malnad college of Engineering, Hassan,  
Karnataka-573201  
Website: <http://mcehassan.ac.in/>

7/28/2022



General

20:31

Participants

Type a name

Share invite

In this meeting (32) Mute all

- Triveni C L Organizer
- APARNA Chilakawad (Guest) Meeting guest On hold
- Dakshayini M.R. Meeting guest
- Deepthi Paramasivam (Guest) Meeting guest
- Divya B (Guest) Meeting guest
- Dr. C. V. Venkatesh Meeting guest
- Dr. Manoranjan Kumar (Guest) Meeting guest
- drk ere (Guest) Meeting guest

**MALNAD COLLEGE OF ENGINEERING**  
2021 Approved VTU (Malnad) Institution  
FDPs Supported by AICTE (New Delhi)

Sponsored by Department of ECE

Sponsored by AICTE Learning and Learning (ATAL) Academy

We cordially invite you for the Virtual Inaugural  
Function of 5-day Online  
Faculty Development Programme on  
**Quantum and Photonics**  
29-11-2021 to 03-12-2021

**Dr. T Srinivas**  
Professor, Dept of ECE  
IISc, Bengaluru  
has kindly consented to be the Chief Guest

**Dr. Adish Hareeshalli**, Chairman, MCE, Hassan  
will preside over the Function

**Guests of Honor**  
**Dr. C M Thimmappa Gowda**, Vice-Chancellor, MCE, Hassan  
**Dr. R T Divya Gowda**, Secretary, MCE, Hassan  
**Dr. D C Arvind**, Joint Secretary, MCE, Hassan  
**Dr. S S Siddhara**, Treasurer, MCE, Hassan

Dr. C L Triveni  
Dr. P C Dilipath  
Dr. C V Venkatesh

Date: Nov. 28, 2021 Time: 9:00 A.M.

# Workshop



TEQIP



**MALNAD COLLEGE OF ENGINEERING, HASSAN**

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

Department of Electronics and Communication Engineering

&

**IEEE MCE STUDENT BRANCH**

In association with IEEE Bangalore Section & IEEE Photonics Bangalore Chapter

presents

Three days Workshop On

**"Hands-on Training on Photonic Sensor Simulation Tools"**

(Sponsored by TEQIP-III)

Date: 3rd - 5th October, 2019

Venue: ECE Seminar Hall

Scan to Register



MCE Hassan

Shravan N (+919481318110)

Gekul G Gowda (+917022885432)



# Webinar

**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  
presents

**A Webinar on**

**"Photonics : Opportunities & Challenges in India"**


by



**Dr. Naresh Chand**  
Associate Vice President of Chapter Relations,  
IEEE Photonics Society, USA

16<sup>th</sup> May 2020  
6:30 pm IST

Scan to Register






ieemcestudentbranch@gmail.com  
ieee\_mce\_student\_branch





# Webinar



**ON THE OCCASION OF INTERNATIONAL DAY OF LIGHT**

**IEEE MCE JOINT PHOTONICS AND COMSOC CHAPTER**

In association with


**IEEE CALCUTTA UNIVERSITY PHOTONICS SOCIETY STUDENT BRANCH CHAPTER**

presents

A Webinar on

**NARROW LINEWIDTH FIBER AMPLIFIERS FOR COHERENT BEAM COMBINATION**


by



**Prof. Balaji Srinivasan**  
Professor, Department of Electrical Engineering,  
IIT Madras

29 May 2020  
5:00 PM IST

Scan to Register



[ieeemcestudentbranch@gmail.com](mailto:ieeemcestudentbranch@gmail.com)  
[madhusudhanmishra@ieee.org](mailto:madhusudhanmishra@ieee.org)



**MALNAD COLLEGE OF ENGINEERING, HASSAN**

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

**IEEE MCE JOINT PHOTONICS AND COMSOC CHAPTER**

In association with IEEE Bangalore Section & IEEE ComSoc Bangalore Section

presents

A Webinar on

**"ARTIFICIAL INTELLIGENCE IN HEALTHCARE"**

by



**PARAG CHATTERJEE**

Researcher at National Technological University, Buenos Aires, ARGENTINA  
Assistant Professor at Department Of Biological Engineering, University of the Republic, URUGUAY

30<sup>th</sup> May 2020  
6:00 pm IST

Scan to Register



[ieeemcestudentbranch@gmail.com](mailto:ieeemcestudentbranch@gmail.com)  
[ieee\\_mce\\_student\\_branch](https://www.instagram.com/ieee_mce_student_branch)

7/28/2022

ECE, MCE Hassan

37



**MALNAD COLLEGE OF ENGINEERING, HASSAN**  
(An Autonomous Institution Under VTU, Belagavi)

**IEEE MCE STUDENT BRANCH**

Presents...

**NATIONAL LEVEL IDEA PRESENTATION**



**LEKHANI**



*To pen down your thoughts...*

**REGISTER NOW!**

**REGISTRATION LINK:**

<https://forms.gle/FQpiAx2WqErcTeTb9>

**TOPIC : COVID-19** 

*Pen down your ingenious ideas to find the attainable solution for the pandemic that brought world to a standstill.*

Mail us your document to  
**ieeemcestudentbranch@gmail.com**



*Format : Microsoft Word Document / PDF  
Page Limit : 2 Pages*

*Submission Deadline : 4th October 2020*

*Result Declaration : Stage I -7th October 2020  
Stage II-15th October 2020*



**Registration fee:**  
IEEE Members-Free  
Non-IEEE Members-Rs.100/-  
**Certificate of Participation**



**\_mce\_student\_branch**



**\_mce\_student\_branch**



**Chalana - 6361395672  
Dakshayini - 7338269183**

# Webinar



**MALNAD COLLEGE OF ENGINEERING, HASSAN**  
**IEEE MEMBERSHIP DRIVE - 2020**

**REGISTER NOW!**

IEEE - World's largest technical organization  
**IEEE MCE STUDENT BRANCH**  
presents  
A Webinar on

**THE BENEFITS OF IEEE**

By



**Dr. Naresh Chand**  
Associate Vice President of Chapter Relations,  
IEEE Photonics Society, USA

**Registration link:**  
<https://forms.gle/Qhfw6sDEXTTEDuaq9>

**26<sup>th</sup> September 2020**  
**6:00 pm IST**

**Chalana - 6361395672**  
**Dakshayini - 7338269183**

**ieee\_mce\_student\_branch**  
**ieee\_mce\_student\_branch**  
**ieeemcestudentbranch@gmail.com**

7/28/2022



**MALNAD COLLEGE OF ENGINEERING, HASSAN**  
(An Autonomous Institute under Visvesvaraya Technological University, Belagavi, Karnataka)

**IEEE MCE STUDENT BRANCH**  
In association with  
**IEEE Bangalore Section**  
presents  
An International Webinar on

**"Purify a Survey : Reliabilty & Construct Validity"**

by



**Dr. SAID TAAN EL HAJJAR**  
Associate Professor, AUL

**5<sup>th</sup> June 2020**  
**6:00 pm IST**

Scan to Register



**ieeemcestudentbranch@gmail.com**  
**ieee\_mce\_student\_branch**

ECE, MCE Hassan

# Symposium



**MALNAD COLLEGE OF ENGINEERING , HASSAN**  
(An Autonomous Institute under Visvesvaraya Technological University, Belagavi, Karnataka)

**IEEE MCE JOINT PHOTONICS AND COMSOC CHAPTER**  
In association with  
IEEE Bangalore section, IEEE Photonics Bangalore Chapter and  
IEEE Prakash Bharati  
presents

**ONE DAY SYMPOSIUM ON  
PHOTONICS AND QUANTUM CONCEPTS**  
by



**DR P C SRIKANTH**  
HOD, Dept of ECE  
Branch Counsellor, IEEE MCE Student Branch

 → **SATURDAY  
28 MAY 2022**       → **9:30 AM IST**

 → **ECE SEMINAR  
HALL**

 [ieeemce\\_student\\_branch](#)       [ieeemcestudentbranch@gmail.com](mailto:ieeemcestudentbranch@gmail.com)

 [ieeemce\\_student\\_branch](#)       **Pranav S Kantharaj - 7829041828**  
**Guruprasad G II - 8618557615**  
**Gagan Gowda K P - 84302003**  
**Pradyumna M - 9110475995**



# Moral values of life skills programme on 01/11/2021



# Prerana- Inspiration programme on 14/11/2021



# Blood Donation Camp on 06/01/2022



## ಶಿಬಿರದಲ್ಲಿ 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 ಶಿಬಿರದಲ್ಲಿ ಹಾಸನ ಜಿಲ್ಲೆಯ ಇತಿಹಾಸದಲ್ಲಿ ದಾಖಲೆಯ 313 ರಕ್ತದಾನಿಗಳು ಸ್ವಯಂ ಪ್ರೇರಿತರಾಗಿ ರಕ್ತದಾನವನ್ನು ಬೆಲ್ಲಾ ಸರ್ಕಾರಿ ಆಸ್ಪತ್ರೆಯ ರಕ್ತ ನಿಧಿಗೆ ರಕ್ತದಾನವನ್ನು ನೀಡಿದರು.

ಶಿಬಿರದ ನೇತೃತ್ವವನ್ನು ಕಾಲೇಜಿನ ಯುವ ರೆಡ್ ಕ್ರಾಸ್ ಘಟಕದ

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

ಹಿಮ್ಸ್ ಕಾಲೇಜಿನ ಡಾ|| ರವಿಕುಮಾರ್ ರವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು ಹಾಗೂ ಮಲ್ಲಾಡ್

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

# Blood Donation Camp on 08/06/2022





# IEEE MCE Student Branch



# Plantation at ECE department Classroom on 27.5.2022



# Prize Distribution of Funtronics (Departmental sports event)



# E&C Department Garden



# Association with Professional bodies

- Indian Society for Technical Education (ISTE)
- Institution of Engineers (IE)
- Institute of Electrical and Electronics Engineers (IEEE)
- IEEE Photonics
- IEEE COMSOC
- Institution of Electronics & Telecommunication Engineers, India (IETE)

# Professional Society Membership details

Name	Professional Society Membership details:
Dr. P. C. Srikanth	1) Life Member ISTE 2) Senior Member IEEE 3)Former Secretary IEEE Photonic Society 4) Former Vice Chair IEEE Photonic Society 5)Secretary IEEE Photonics Society India Council 6)Founder IEEE Prakash Bharati India 7)Member IETE
Dr. Murthi Mahadeva Naik G	1) Life Member ISTE LM-40475 2) Member IEEE - 92990276
Dr.G.Padmajadevi	1) Life Member ISTE -LM-3531
Prof.M.N.Ravikumar	1) Life Member ISTE LM-24115
Dr.C. L. Triveni	1)Life member of ISTE -LM43649 2)Senior Member of IEEE -92452864 3)Member of IEEE ComSoc 4)Member of IEEE Photonic society 5)Chair IEEE Photonic Society
Dr. Indira Bahaddur	1) Life member of ISTE –LM 52553 2)Member of IEEE -92647033 3)Member of IEEE Photonic society
Dr. Venkateswara Rao Kolli	1)Life member of ISTE 2)Member of IEEE 3)Member of IEEE Photonic society
Dr. Keerthi.D.S	1)Life member of ISTE - .LM71929

# About Students

# Student Contribution - Cultural

Students participate in cultural activities such as

- Funtronics (Departmental activity)
- Jamboree
- Malnad fest
- VTU fest
- Intercollegiate fest

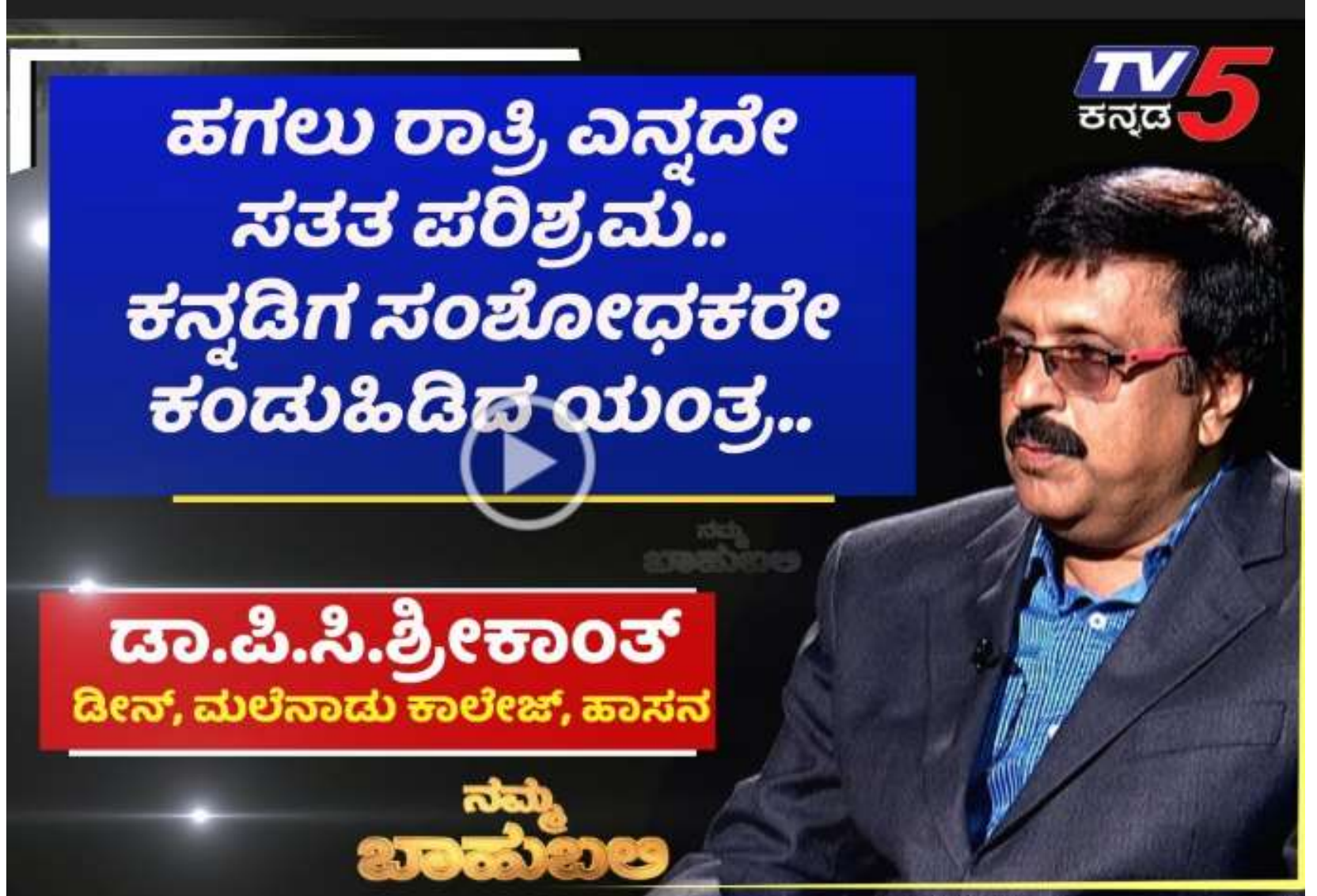
Students have won many awards and prizes.



# Student Contribution – Social Activities

- Under the SoUL (So yoU Learn) Voluntary Organization (18 E&C Students) –
  - Educating under privileged kids - Teaching English (Every Sunday), Conducting science experiments .
  - Celebration of National and Indian traditional festivals with under privileged kids.
  - Collection and distribution of old clothes
  - Distribution of note books
  - On Independence Day a street play was enacted to give awareness about prevailing illness- Malaria, Dengue and precautions to be taken.
- Under the ECO Club (6 E&C Students) -
  - Spot fixing in and around Hassan city
- Under IEEE & NSS (National Service Scheme) -46 E&C Students
  - Trees and plants have been planted in the MCE Campus and outside.
  - Visit to old age home (Cleaning etc)
  - Blood Donation Camp

# News on Achievements



**TV5**  
ಕನ್ನಡ 5

**ಹಗಲು ರಾತ್ರಿ, ಎನ್ನದೇ  
ಸತತ ಪರಿಶ್ರಮ..  
ಕನ್ನಡಿಗ ಸಂಶೋಧಕರೇ  
ಕಂಡುಹಿಡಿದ ಯಂತ್ರ..**

**ಡಾ.ಪಿ.ಸಿ.ಶ್ರೀಕಾಂತ್**  
ಡೀನ್, ಮಲೆನಾಡು ಕಾಲೇಜ್, ಹಾಸನ

ನಮ್ಮ  
**ಖಾಹುಖಲ**





**HCN**  
**NEWS**  
YOUR CITY  
**29-04 2020**

ಹಾಸನ : ಎಂ.ಸಿ.ಇ ಕಾಲೇಜು ಪ್ರೋಫೆಸರ್ ಡಾ|| ಶ್ರೀಕಾಂತ್ ತಮ್ಮ ತಂಡದೊಂದಿಗೆ ಸೇರಿ  
ಕೋವಿಡ್ 19 ವೈರಸ್ ಡಿಟೆಕ್ಷನ್ ಕಿಟ್‌ನ್ನು ಅಭಿವೃದ್ಧಿ ಪಡಿಸಿದ್ದಾರೆ.

<https://www.youtube.com/watch?v=ubGuAMXSwo>

# Parent-Faculty Meeting



# Students Counselling by HoD and Faculty Advisors

Link to access report: [Students Counselling\13.5.2022 student counselling.pdf](#)  
[Students Counselling\16.5.2022 student counselling.pdf](#)



**Department of E & C Engineering  
Malnad College of Engineering, Hassan**

**Report on Student Counseling by HOD & Faculty Advisor for 2<sup>nd</sup> year students conducted 13.5.2022**

1. Analog Electronic Circuits 20EC302- (Prathap P B and Bhagya D)
  - a. Question paper was tough and lengthy
  - b. More explanation was asked for less marks
2. Linear ICs and Applications 20EC306- (Bhagya D )
  - a. Question paper was tough,
  - b. All questions were asked of 10 marks
  - c. Time management was difficult
3. Network Analysis 20EC305- (Sushma N)
  - a. Question paper was easy.
  - b. Did not work out problems
4. Difficult to switch from online to offline mode.
5. Expressed that poor results are due to problem from their side, not from the teaching.
6. Microcontroller and Applications 20EC404- (Hemanth Kumar B M and Dakshayini M R)
  - a. Have not understood basic concepts.
  - b. Instruction set topic to be repeated.
  - c. Remedial class required.



*Sample*  
Dr. P. Srinivasulu  
Professor & Head, Dept. of E&C Engg  
Malnad College of Engineering  
HASSAN-576201

**Department of E & C Engineering  
Malnad College of Engineering, Hassan**

**Report on Student Counseling by HOD & Faculty Advisor for 2<sup>nd</sup> year students conducted 16.5.2022**

1. Analog Electronic Circuits 20EC302- (Prathap P B and Bhagya D)
  - a. Question paper was tough and lengthy
  - b. More explanation was asked for less marks
2. Linear ICs and Applications 20EC306 (Bhagya D )-
  - a. Question paper was tough,
  - b. All questions were asked of 10 marks
  - c. Time management was difficult
3. Network Analysis 20EC305 (Sushma N)-
  - a. Question Paper was easy.
  - b. Did not work out problems for exam.
4. Difficult to switch from online to offline mode.
5. At the end of semester, classes were conducted online due to lock down in college because of COVID-19. Most of the students couldn't attend classes due to network issues.
6. Expressed that poor results are due to problem from their side, not from the teaching.
7. Electromagnetics 20EC405 (Swathi H Y):
  - a. Not understanding the concepts/
  - b. More explanation for derivation required.
  - c. More problems to be solved in class.
8. Microcontroller and Applications 20EC404 (Hemanth Kumar B M and Dakshayini M R)-
  - a. Have not understood basic concepts.
  - b. Instruction set topic to be repeated.
  - c. Remedial class required.



*(Signature)*  
Dr. P. S. Srinivasulu Reddy, HOD, Dept. of E & C Engg.  
Malnad College of Engineering, Hassan  
581127



# Alumni Contribution

- Student Scholarship
  1. Mr. Santhosh Kumar Rao Memorial Scholarship to 08 E&C students- Rs 5000/ each every year since 2005.
  2. Sri B K Seetharamaiah memorial award by his son Sri N Gurudatt-Technical books to the 3<sup>rd</sup> year BE E&C student(Topper considering the 1<sup>st</sup> year and 2<sup>nd</sup> year results-a corpus fund of Rs.20,000/- has been kept as a fixed deposit) since 2018.
- Establishment of Dr K A Krishnamurthy Commemorative IoT Lab by the 1991 Batch BE (E&C) Alumni. Technical training provided by the Alumni students to our Faculty and students.
- 1990 and 1992 Batch BE (E&C) students have contributed to 'Make in MCE-MIM' fund to sponsor student projects.
- Many of the outgoing students donate books to the Dept. Library and those students going abroad for studies donate a sum of Rs.1000/ to the E&C Association.
- Every year Alumni interact with newly admitted first year students.
- 1983 batch Alumni are giving a laptop to the topper of 3<sup>rd</sup> year BE (E & C) students.
- Our Alumni in BSNL, LRDE etc. are helping in providing internships and projects to our students.
- BE (E&C) Alumni students have contributed to central funds for various Alumni activities.

# Best Practices of the Department

## Technical:

- OFC – BSNL Engineers will come and explain power measurement and fault detection.  
Beyond Curriculum: Introduction about Quantum communication through webinars.
- HoD and Faculty Advisors visit classes, counsels the students and address the grievances.
- Conducting webinars by professors from reputed universities from India and Abroad.

## Societal:

- Blood donation camp, Eye donation camp, free health check up camp and Covid-19 vaccination camp.
- Planting the trees around the department and classrooms.

# Thank You