



II ISSUE:26

JAN-JUNE (2021)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

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Vision

- Producing competent engineers with innovative ideas to meet the global needs and standards.

Mission

- **M1.** To produce graduates with technical expertise, professional attitude & ethical values.
- **M2.** To reform the potency of Engineering through exploration-based learning.
- **M3.** To create a passion amongst students for contributing to research by providing industry-oriented training
- **M4.** To inculcate in the graduates, the thirst for self-learning & guide them to obtain knowledge in their chosen field

About the Department



Dr.T. N. Prabakar

Professor & Head

Department of Electronics and Communication Engineering was established in the institution during 1997. The department is affiliated to VTU, Belgaum, approved by AICTE. The Department Offers UG courses, and has been recognized as “Research Centre” by VTU. The department is strengthened with qualified Professors, Associate Professors, Asst. Professors and technical staffs. Apart from the academic events department also oversees the overall development activities. The students are being provided with training, certification programs, industrial visits, periodic technical talks, workshops, conferences, empowering employability skills..

Department Activities

Workshop / Seminar / Conference/ Technical Talks



Paper Publications.

- Mr. Sivaprakash C, B Srilatha, Savitha.H.S, Deepa.R, G.V.Raja has published a paper titled “EXTRACTION OF EXUDATES USING IMPROVED MEDIAN FILTER AND IMPROVED FUZZY CLUSTERING METHOD” in the year August 2020 under the journal name Journal of critical reviews.,indexed in SCOPUS

Guest Lecture on ‘VLSI DSP Architectures’ 12.11.2020

FDP’s attended

SN	FACULTY NAME	FDP TITLE	ORGANISED BY	DATE	DURATION
1	Dr. A Poonguzhali	Research Perspectives on AI,ML,Data science & IOT	KL University	17.05.2021	20
2	Mr.Nagaraj Reddy B	Signal processing systems & optical communication	SRM Valliammai Engineering College	17.05.2021	12
3	Mr.Vinay Kumar Tivari	Intellectual property Rights and patents	VVCE,IEEE computer society student chapter,VVCE	08.04.2021	3
4	Ms.Deepa R	Research opportunities and Recent Trends in IOT and WSN	Internet society and eak tech private limited	05.04.2021	3
5	Mr.G. V Raja	Mobile applications development	Sri sairam college of engineering	17.05.2021	9
6	Mr.Halesha H R	Artificial Intelligence and Machine Learning	AMC engineering college	22.03.2021	6
7	Mr.Santoshkumar N	Faculty development program on Advanced Excel with data visualization	E & ICT Academy , IIT Kanpur	02.02.2021	1 week
8	Ms.Dhanya G S	Research opportunities and Recent Trends in IOT and WSN	Internet society and eak tech private limited	05.04.2021	3
9	Mr.Shanthamoorthy	Research opportunities and Recent Trends in IOT and WSN	Internet society and eak tech private limited	05.04.2021	3
10	Ms.Suganya J	Research opportunities and Recent Trends in IOT and WSN	Internet society and eak tech private limited	05.04.2021	3

11	Mr.Lohith V	Signal processing systems & optical communication	SRM Valliammai Engineering College	17.05.2021	5
12	Mr.SomnathMazumder	Signal processing systems & optical communication	SRM Valliammai Engineering College	17.05.2021	5
13	Ms.Aruna R	Artificial Intelligence and Machine Learning	AMC engineering college	22.03.2021	6
14	Ms.Savitha H S	Advanced Excel with data visualization	E & ICT Academy , IIT Kanpur	02.02.2021	1 week
15	Ms.LinijaShylinK P	Applications of NI labview phase-2	Nagarjuna college of engineering and technology	25.01.2021	5
16	Dr.B.Srilatha	Signal processing systems & optical communication	SRM Valliammai Engineering College	17.05.2021	12

Patent Filed

SIN o	Patent No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YY)
1	202141000443A	Published	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3.Halesha.HR 4.Venugopal.P 5.Aruna.R 6.Santosh Kumar. N 7.Savitha HS 8. Vinay Kumar Tivari	A Portable Apparatus for cadmium removal from battery wastes	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3.Halesha.HR 4.Venugopal.P 5.Aruna.R 6.Santosh Kumar. N 7.Savitha HS 8. Vinay Kumar Tivari	5-1-2021	8-1-2021
2	202141000446A	Published	1.sivaprakash C 2.Dr.B.Shadaksharappa 3.Dr.T.N.prabakar 4.Dr.B.Srilatha	ATouchlessFlu shingHealthcar e Monitoring Apparatus	1.sivaprakash C 2.Dr.B.Shadaksharappa 3.Dr.T.N.prabakar 4.Dr.B.Srilatha 5.Dr.A.Poonguzhali 6.Savitha HS 7.K.P.Linija	5-1-2021	8-1-2021
3	202141000445A	Published	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3. Dr. T.N. Prabakar 4.Raja.GV 5. Santosh Kumar. N 6. Venugopal.P 7.Halesha.H.R 8.Vinay Kumar Tivari	AN lot Based Drone on sewage watertesting Process	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3. Dr. T.N. Prabakar 4.Raja.GV 5. Santosh Kumar. N 6. Venugopal.P 7.Halesha.H.R 8.Vinay Kumar Tivari	5-1-2021	8-1-2021
4	202141000444 A	Published	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3.Dr.B.Srilatha 4. Dr.A.Poonguzhali 5.Raja.GV 6.Aruna.R 7.K.P.Linija	An Adaptive Technique Digital Signal Filtering for Image Processing	1.Sivaprakash.C 2.Dr.B.Shadaksharappa 3.Dr.B.Srilatha 4. Dr.A.Poonguzhali 5.Raja.GV 6.Aruna.R 7.K.P.Linija	5-1-2021	8-1-2021
5	202141000446 A	Published	1.sivaprakash C 2.Dr.B.Shadaksharappa 3.Dr.T.N.prabakar 4.Dr.B.Srilatha 5.Dr.A.Poonguzhali 6.Savitha HS 7.K.P.Linija	A IOT Integrated Wearable Patient Healthcare Monitoring Apparatus	1.sivaprakash C 2.Dr.B.Shadaksharappa 3.Dr.T.N.prabakar 4.Dr.B.Srilatha 5.Dr.A.Poonguzhali 6.Savitha HS 7.K.P.Linija	5-1-2021	8-1-2021

Awards

- The team PHENOMS, ECE students has won first rank for the project titled “Medical Assistance Droid-Mental Health and Psychosocial Support” and ECE students have received “VISHWAKARMA AWARD” instituted by the Education Ministry of India in the year 2021.



Sri Sairam
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INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)



ARIIA
ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS
Govt. of India

Dept. of Electronics & Communication Engineering

PHENOMS WON FIRST PLACE IN Vishwakarma Award

AICTE Chhatra Vishwakarma Award on the theme on Reverse migration and rehabilitation plan – 2020



All India Council for Technical Education (AICTE), Ministry of Higher Education, Government of India, has organized a competition called "Chhatra Vishwakarma Awards-2020" for the students and institutes of AICTE approved institutions to recognize their best performance in their respective fields.

The winners of the competition will receive a certificate and a cash prize of Rs. 50,000 along with a Winner certificate and Memento.

The Prize distribution ceremony was presided over by the Minister of Higher Education, Govt. of India, Sri Jitendra Kumar Singh, IAS, New Delhi. Sri Praveen Kumar, Sr. Professor and Head of the Department of Electronics & Communication Engineering, Sri Sairam College of Engineering, Bangalore, was invited as the Guest of Honour for the award ceremony.

The winners of the competition are:
1. **PHENOMS**, Sri Sairam College of Engineering, Bangalore.
2. **Medical Assistance Droid-Mental Health and Psychosocial Support**.



ಸೂಚನಾ ಇತಿವೃತ್ತಿ / ಅಂತರಾಷ್ಟ್ರೀಯ ಚತುರ್ಮುಖ ಪಾರ್ವತಿ

ಸೂಚನಾ ಇತಿವೃತ್ತಿ / ಅಂತರಾಷ್ಟ್ರೀಯ ಚತುರ್ಮುಖ ಪಾರ್ವತಿ

ಅಂತರಾಷ್ಟ್ರೀಯ ಚತುರ್ಮುಖ ಪಾರ್ವತಿ ಪ್ರಶಸ್ತಿ 2020

ಅಂತರಾಷ್ಟ್ರೀಯ ಚತುರ್ಮುಖ ಪಾರ್ವತಿ ಪ್ರಶಸ್ತಿ 2020

ಅಂತರಾಷ್ಟ್ರೀಯ ಚತುರ್ಮುಖ ಪಾರ್ವತಿ ಪ್ರಶಸ್ತಿ 2020

ಅಂತರಾಷ್ಟ್ರೀಯ ಚತುರ್ಮುಖ ಪಾರ್ವತಿ ಪ್ರಶಸ್ತಿ 2020

ಅಂತರಾಷ್ಟ್ರೀಯ ಚತುರ್ಮುಖ ಪಾರ್ವತಿ ಪ್ರಶಸ್ತಿ 2020





Dr. Ashwathnarayan C. N. 37m

It is not easy to build a medical droid, and the team from Sri Sairam Engineering College from Karnataka have done it!

The young team has won the Chhatra Vishwakarma Award instituted by the @AICTEIndia. Kudos to the budding innovators.









Dr. T. N. Prabhakar

उत्कृष्टता प्रमाण पत्र

अभिलाश एन श्रीधर

आयु: 2020

Certificate of Excellence

AICTE National Level

Chhatra Vishwakarma Awards 2020

PHENOMS

Team Phenoms, Sri Sairam College of Engineering, Karnataka

Syed Apsana

उत्कृष्टता प्रमाण पत्र

अभिलाश एन श्रीधर

आयु: 2020

Certificate of Excellence

AICTE National Level

Chhatra Vishwakarma Awards 2020

PHENOMS

Team Phenoms, Sri Sairam College of Engineering, Karnataka

Abilash S

उत्कृष्टता प्रमाण पत्र

अभिलाश एन श्रीधर

आयु: 2020

Certificate of Excellence

AICTE National Level

Chhatra Vishwakarma Awards 2020

PHENOMS

Team Phenoms, Sri Sairam College of Engineering, Karnataka

S. Swathi

उत्कृष्टता प्रमाण पत्र

अभिलाश एन श्रीधर

आयु: 2020

Certificate of Excellence

AICTE National Level

Chhatra Vishwakarma Awards 2020

PHENOMS

Team Phenoms, Sri Sairam College of Engineering, Karnataka

Swathi Balan



Faculty Achievements

Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies	Year of award
All India students committee (AISC) & Hosur Local Center	Best Faculty Advisor Award (Dr. T.N.Prabakar)	The Institution of Engineers India	2021

Students Paper Presentation

Name of the Student	Title of the Paper	Venue	Date
Tejaswini M Supriya K	Future of smart farming robotic technology	BIET,Davangere	10 th June 2021

Placement

The Following list of companies recruited the students of ECE during the academic year 2021.

Name of the company	No of students selected
Bright Champs	3
Cap Gemini	1
Byjus	4
Co-forg	6
Emtec	1
HashedIN	1
JUSPAY	2
Netcracker	2
Pinclick	3
Prodapt	1
TCI Tech	2

Student Topper List

Student Name	USN	Year
Chellamchella Niroopa	1SB20EC009	I
Pramodh.S	1SB19EC036	II
B. Srividhya	1SB18EC044	III
A.Syed Apsansa	1SB17EC054	IV

