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R. R. Institute of Technology

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Raja Reddy Layout, Chikkabanavara, Bengaluru – 560 090



Department of Electronics & Communication Engineering VIDYUNMAANA

Volume – 6 Issue – 1

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2. Adarsh M P (VI sem)
3. Diganta Halder, (VI sem)

Editor



Prof. Anshu Deepak

Principal Desk

I am very happy to know that the Department of Electronics & Communication Engineering is showcasing their activities and achievements through the department newsletter. I wish them all the best in their endeavour.



Dr Mahendra K.V.

HOD Desk

I am very pleased to unveil Vol 6 ,issue 1 of our department news letter "Vidyunmaana" In this issue, we have presented the news related to diverse activities conducted by the department and also contributions and achievements of our faculty members and students.



Dr. Sunitha H. D.

Vision

To impart technical education par excellence and prepare leaders to grow beyond leaps and bounds to serve the growing industries and society.

Mission

To train the students to emerge as outstanding skilled technocrats imbued with professional ethics and managerial skills with commitment to the society and nation at large.



If you are pure, if you are strong,
you, one man are equal to the
whole world.

SWAMI VIVEKANANDA



EVENTS ORGANIZED BY THE DEPARTMENT

Sl no	Events	Date	Faculty coordinator	Resource person/Industries
1	Yoga: Relax, Replenish, Revive	1-1-2022	Prof. Anshu Deepak prof. Sugnyani Patil	Dr. Geetharani A Director and Founder swami Vivekanada Yoga Shala Bengaluru
2	Enterprise Resource Planning- ERP & SAP	20th December 2021	Shyamala p, Charutha M	Project Manager, Syslog Technologies
3	IoT & its applications	27, 28, 29th Dec 2021	Prof. Shadakshari, Prof Chitharanjan Das	Mr. Anil Kumar
4	Six days certificate programme on java and its applications	13th Nov to 18th Dec 2021 (all Saturdays)	Prof. B N Mohan Kumar	Miss. Sangeetha C Trainer at UTL Technologies, Bengaluru
5	Bharat Electronics Ltd, Jalahalli, Bengaluru	18/11/21	Shadakshari	Bharat Electronics Ltd, Jalahalli, Bengaluru
6	TDPS	23-10-2021	Mohan Kumar, Shadakshari	TDPS
7	AICTE Activity field visit	26-3-2022	Sugnyani patil, Shadakshari	AICTE Activity field visit
8	“MESON+” (Energizing Future) MFG & MKT PORWAL METALS	25-10-2021	Sunanda	Online Industrial visit

PAPER PUBLISHED/PRESENTED BY FACULTY

Sl no	Title	Journal Name	Author	Date
1	Design and performance analysis of high throughput and low power RNS based FIR filter design on FPGA	IGI Global Publisher	Prof. B N Mohan Kumar	2022
2	Arduino Based Patient Health Monitoring System	ICRTEM	Prof. Shadakshari	2021
3	Medical Image De-noising Using Machine Learning Technique	ICRTEM	Prof. Shadakshari	2021
4	Design and Implementation of vehicle to vehicle communication using LIFI technology	ICRTEM	Prof. Sugnyani Patil	2021
5	Cost- Efficient solar based Multipurpose Crop Cutting Machine	ICRTEM	Prof. Shyamala P	2021
6	Trash Can Monitoring System in the Smart Cities	ICRTEM	Prof. Shyamala P	2021
7	Longitudinal Stability Analysis of an Aircraft using RBFANN	ICRTEM	Prof. G Parimala Gandhi	2021
8	Smart Indoor Vertical Farming Using IoT	ICRTEM	Prof. G Parimala Gandhi	2021
9	Intelligent covid-19 pandemic bus service with safety measures.	ICRTEM	Prof. G Parimala Gandhi	2021
10	Integration of DC-Bypass and Active Clamping Technique to Reduce Leakage Current in Full- Bridge Single-Phase Grid-Connected Inverter	IEEE, 3rd International Conference Of Emerging Technologies	Dr. Geetha K	2022
11	Cyber Crime	ICRTEM	Prof. Anshu Deepak	2021
12	Comoflaug Based Emergency Vehicles Priority With Intelligent Traffic Control Using Movable Road Dividers	ICRTEM	Prof. Anshu Deepak	2021
13	Design Of Single Axis Solar Tracker	ICRTEM	Prof. Anshu Deepak	2021

FACULTY ACHIEVEMENTS

Sl no	Name of the award	Name of the faculty	Award given by	Date
1	Dr Sarvepalli Radhakrishna Award	Dr Sunitha H D	Navaparva Foundation , Bangalore	28-02-2022
2	Best Teacher Award	Dr Sunitha H D	RRIT	11-09-2021
3	Best Researcher Award	Prof. Mohan kumar	RRIT	11-09-2021

TOPPERS LIST

SEMESTER	1	2	3	DEPART MENT TOPPER
VIII 2015	 N. Nandeesh Reddy 1RI16EC018 83.7%	 Monika H 1RI16EC017 82.14%	 Chitra C 1RI16EC008 78.4%	 Vani K 1RI17EC025 88.57%
VIII 2017	 Adarsh MP 1RI17EC001 85.4%	 Yashswini G 1RI16EC031 84.35%	 Priyanka N 1RI17EC018 83%	
VI 2018	 TEJASWINI P 1RI18EC016 85.25%	 MOHAN M 1RI18EC008 81.5%	 SHIVA KUMAR D N 1RI18EC015 76.6%	
VI 2017	 Rahul D 1RI17EC029 83%	 Sushmitha SR 1RI16EC035 77.5%	 Shankaramma Mallana Gowda P 1RI17EC022 74%	
IV	 Mannuru Penchala Narasimha 1RI19EC008 80%	 Kavya h s 1RI19EC007 74.33%	 Deepanjannath 1RI19EC003 73.88%	

GALLERY



Bengaluru, Karnataka, India
 26+C7M, Bengaluru, Karnataka
 13.051971°
 77.560028°



Bengaluru, Karnataka, India
 3H35+6MM Eucalyptus Plantation, Doddabommi
 Bengaluru, Karnataka 560012, India

:- INDUSTRIAL VISIT TO BEL IN ABOVE PICTURES :-



AYUDHA PUJA



YOGA DAY



Dr Sarvepalli Radhakrishna Award Dr Sunitha H D Navaparva Foundation , Bangalore 28-02-2022



AICTE ACTIVITY