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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

MARCH 2022

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Asst.Prof, Dept of ECE

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2. Adarsh MP(VI sem)
3. Diganta Halder, (VI sem)

Editors

Prof.Anshu Deepak &  
Prof. Preamsagar H

Asst.Prof, Dept of ECE

#### 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's Desk

I am very pleased to unveil Vol 6, issue 1 of our department newsletter "Vidyunmaana" In this issue, we have presented the news related to diverse activities conducted by the department and 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

*M1: To train the students to emerge as outstanding skilled technocrats imbued with professional ethics and managerial skills with commitment to society and nation at large.*

*M2: To create Centre of Excellence in the field of Electronics with industrial and university collaborations.*



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

SWAMI VIVEKANANDA



YoungQuotes

## 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 Vivekananda 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-Noise 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	Camouflage 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	 <b>N. Nandeesh Reddy</b> <b>1RI16EC018</b> <b>83.7%</b>	 <b>Monika H</b> <b>1RI16EC017</b> <b>82.14%</b>	 <b>Chitra C</b> <b>1RI16EC008</b> <b>78.4%</b>	 <b>Vani K</b> <b>1RI17EC025</b> <b>88.57%</b>
VIII 2017	 <b>Adarsh MP</b> <b>1RI17EC001</b> <b>85.4%</b>	 <b>Yashwini G</b> <b>1RI16EC031</b> <b>84.35%</b>	 <b>Priyanka N</b> <b>1RI17EC018</b> <b>83%</b>	
VI 2018	 <b>TEJASWINI P</b> <b>1RI18EC016</b> <b>85.25%</b>	 <b>MOHAN M</b> <b>1RI18EC008</b> <b>81.5%</b>	 <b>SHIVA KUMAR D N</b> <b>1RI18EC015</b> <b>76.6%</b>	
VI 2017	 <b>Rahul D</b> <b>1RI17EC029</b> <b>83%</b>	 <b>Sushmitha SR</b> <b>1RI16EC035</b> <b>77.5%</b>	 <b>Shankamma Mallana Gowda P</b> <b>1RI17EC022</b> <b>74%</b>	
IV	 <b>Mannuru Penchala Narasimha</b> <b>1RI19EC008</b> <b>80%</b>	 <b>Kavya h s</b> <b>1RI19EC007</b> <b>74.33%</b>	 <b>Deepanjannath</b> <b>1RI19EC003</b> <b>73.88%</b>	



**GALLERY**



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



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

**-: INDUSTRIAL VISIT TO BEL IN ABOVE PICTURES :-**



2021/10/13 12:08



2021/10/13 12:08



**YOGA DAY**



**Dr Sunitha H Dwas awarded with Dr Sarvepalli Radhakrishna award by Navaparva Foundation , Bangalore 28-**



Unnamed Road, Medaralli, Chikkabanavara, Bengaluru, Karnataka 560090, India  
 Latitude 13.07020436° Longitude 77.51112691°  
 Local 12:17:56 PM GMT 06:47:56 AM  
 Altitude 793.06 meters Monday, 20-12-2021



Unnamed Road, Medaralli, Chikkabanavara, Bengaluru, Karnataka 560090, India  
 Latitude 13.07022362° Longitude 77.51117432°  
 Local 12:27:53 PM GMT 06:47:03 AM  
 Altitude 802.2 meters Monday, 20-12-2021

**AICTE ACTIVITY**