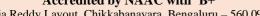


# R. R. Institute of Technology

Affiliated to VTU Belgaum and Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka, Accredited by NAAC with 'B+'



Raja Reddy Layout, Chikkabanavara, Bengaluru – 560 090



# Department of Electronics & Communication Engineering **VIDYUNMAANA**

Volume – 6 Issue – 1 MARCH 2022

#### Inside the issue

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#### **Editor in Chief**

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- Nandeesh Reddy(VIII sem)
- Adarsh M P(Vi sem)
- Diganta Halder, (VI sem)

#### **Editors**

Prof.Anshu Deepak & Prof. Premsagar 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 imbibed 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.



### EVENTS ORGANIZED BY THE DEPARTMENT

SI	Events	Date	Faculty coordinator	Resourse person/Industries
no	Events	Date	racuity coordinator	Resourse person/maustries
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,SyslogTechnologies
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	Tittle	Journal Name	Author	Date
1	Design and performance analysis of high throughput and	IGI Global Publisher	Prof.B N Mohan	2022
•	low power RNS based FIR filter design on FPGA		Kumar	
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	ICRTEM	Prof. G Parimala	2021
	RBFANN		Gandhi	
8		ICRTEM	Prof. G Parimala	2021
	Smart Indoor Vertical Farming Using IoT		Gandhi	
9	Intelligent covid-19 pandemic bus service with safety	ICRTEM	Prof. G Parimala	2021
	measures.		Gandhi	
10	Integration of DC-Bypass and Active Clamping Technique	IEEE, 3rd International	Dr. Geetha K	2022
	to Reduce Leakage Current in	Conference Of Emerging		
	Full- Bridge Single-Phase Grid-Connected Inverter	Technologies		
11	Cyber Crime	ICRTEM	Prof. Anshu Deepak	2021
12	Camouflage Based Emergency Vehicles Priority with	ICRTEM	Prof. Anshu Deepak	2021
	Intelligent Traffic Control Using Movable Road			
	Dividers			
13	Design Of Single Axis Solar Tracker	ICRTEM	Prof. Anshu Deepak	2021

# FACULTY ACHIEVEMENTS

SI				
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%	
VIII 2017	Adarsh MP 1RI17EC001 85.4%	Yashswini G 1RI16EC031 84.35%	Priyanka N 1RI17EC018 83%	Vani K 1RI17EC025 88.57%
VI 2018	TEJASWINI P 1RI18EC016 85.25%	MOHAN M 1RI18EC008 81.5%	SHIVA KUMAR D N 1RI18EC015 76.6%	Excellence Award
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**





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









**AYUDHA PUJA** 



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





AICTE ACTIVITY