PKM Educational Trust ®
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

Since 1993

Volume – 6 Issue – 2   **AUGUST 2022**

Prof. Anshu Deepak

Principal's Desk

I am very happy to know that the Department of Electronics & Communication Engineering is showcasing its 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 2 of our department newsletter "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.
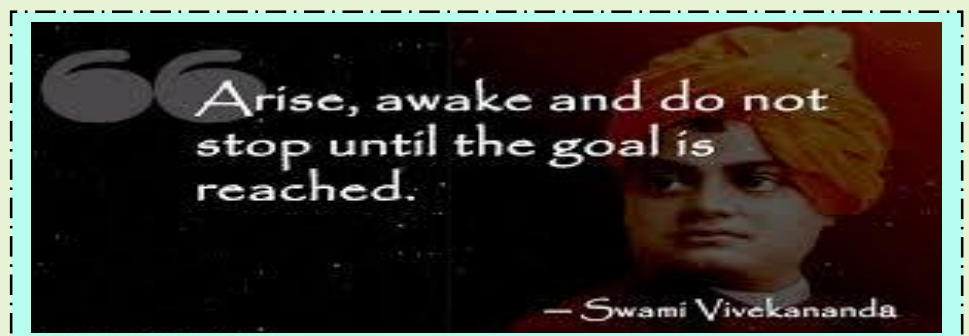

Dr. Sunitha H. D.

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 imbibed with professional ethics and managerial skills with commitment to the society and nation at large.

Arise, awake and do not stop until the goal is reached.
– Swami Vivekananda

EVENTS ORGANIZED BY THE DEPARTMENT

Sl no	Events	Date	Resourse person/Industries
1	Certificate Program on " Intruduction to java and its Applications"	13/11/2021	Mrs. Sangeetha C, Alumina Student, Associate consultant VLSI at VTU Extention Centre, UTL Technologies, Bengaluru
2	Organize 3 days Hands on workshop on "IOT & its Applications"	22/12/2021 to 24/12/2021	Prof. Anil Kumar BE. M. Tech (Ph.D)
3	Seminar on " Enterprise resourse resource planning systems applications and products in data processing	20.12.2021	Assistant Professor, Dept. of ECE, AIEMS, Ambient Technologies Bangalore
4	2 days workshop on "Microcontroller Applications for innovative thinking"	21/12/2021 to 22/12/2021	Mr. Mahesh
5	Awareness Program on "Yoga : Relax, Replenish, Revive"	01/01/2022	Dr Geetha Rani
6	NSDC Certificate program of Junior software developer	30.03.2022	Syslog Technologies
7	Industrial visit to TDPS	23.10.2021	Bengaluru
8	Career Guidance	01.12.2021	Sri. Manjunath
9	Industrial visit to 3N Electronics	27.04.2022	Technical Adviser, Technosoft Solutions
10	Creative Learning of Digital System Design using Microwind	9th & 10th Feb 2022	SIT Extension, Tumkur
11	5G and thinking towards 6G	20.06.20222	Prof. C Murali, Former vice president IETE New Delhi
12	Career Opportunities in VLSI and Embedded Sytems in Industry	20.06.2022	Mr.Arun John Mathias, CoreEL technologies Indiapvt.Ltd, Bangalore

PAPER PRESENTED BY FACULTY

Sl no	Tittle	Journal Name	Author	Date
1	Natural disaster detection system with personalized notification system	ICRTEM-22	Dr.Sunitha H D & Viresh	2022
2	solar based energy efficient street lights	ICRTEM-22	Shyamala P Bhat	2022
3	IOT based controlling of power grid	ICRTEM-22	Mallesha B Y	2022
4	Smart water management system	ICRTEM-22	Mallesha B Y	2022
5	Smart reminder	ICRTEM-22	Mohan Kumar B N	2022
6	Machine learning analysis of emotion detects in children	ICRTEM-22	Parimala Gandhi G	2022
7	Design & Implementation of black box for vehicle tracking	ICRTEM-22	Dr.Shivashankar	2022
8	Air quality sensing and monitoring	ICRTEM-22	Shyamala P Bhat	2022
9	Internet of things enabled power theft detection and smart meter monitoring system	ICRTEM-22	Anshu Deepak	2022
10	women safety device-night patrolling robot	ICRTEM-22	Mohan kumar B N	2022
11	early stage brain tumor detection using image segmentation and machine leraning algorithms	ICRTEM-22	Dr.Sunitha H D	2022
12	System C Modeling of write combinig burst generator for bus protocols to boost system performance	ICRTEM-22	Dr.Sunitha H D & Shyamala P Bhat	2022

TOPPERS LIST

SEMESTER	1	2	3	DEPART MENT TOPPER
VII 2018	MOHAN M 1RI18EC008 79.37%	SAI PRASHANTH 1RI18EC012 76.25%	Sanjay K S 1RI18EC014 76.12%	TEJASWINI P. 1RI18EC016 90.1%
VII 2017	Rahul D 1RI17EC029 76.625%	Shankaramma Mallana Gowda Patil 1RI17EC022 76.125%	Sushmitha SR 1RI16EC035 75.75%	Excellence Award
V	Mannuru Penchala Narasimha 1RI19EC008 82.4%	SAI KIRAN 1RI19EC014 80.3%	PRIYADARSHINI M .S. 1RI19EC012 80.2%	
III	Manohar Joshi Nandibevur 1RI20EC007 82.4%	Pydala Anjali 1RI20EC011 75.1%	Chithra A. M. 1RI20EC005 66.1%	
I	Aman kumar Gupta 1RI21EC005 84.5%	Shraddha S. kalyanimath 1RI21EC055 84.4%	K. Lathangi 1RI21EC029 84.1%	

GALLERY

PROJECT EXIBITION

NSDC certificate program on Junior software Developer

Program on Networking