



PKM Educational Trust ®
R. R. Institute of Technology



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Raja Reddy Layout, Chikkabanavara, Bengaluru – 560 090

Department of Electronics & Communication Engineering
VIDYUNMAANA

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Prof. Anshu Deenak

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 endeavours.



Dr Mahendra K. V.

HOD's Desk

I am very pleased to unveil Vol 7, issue 2 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.

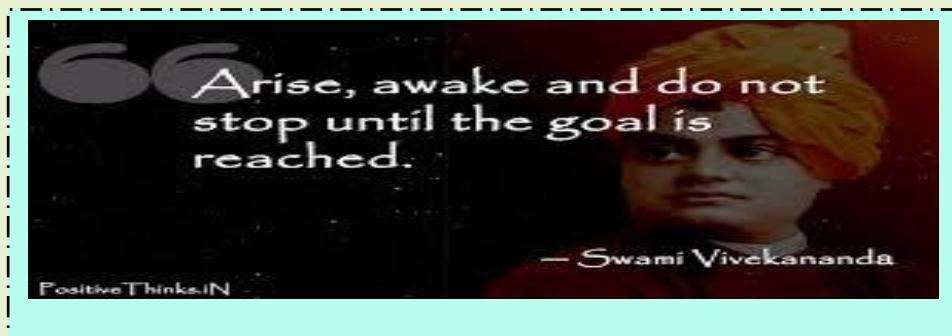
Vision

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 a Centre of Excellence in the field of Electronics with industrial and university collaborations.



EVENTS ORGANIZED BY THE DEPARTMENT

Sl no	Events	Date	Resource person/Industries
1	Industrial Visit to JVS Electronics	02/05/2023	Peak Coordinator JVS Electronics Pvt Ltd, Bidadi
2	SDP on "The future of Automation with Iot and Cloud. A hand on Training Program"	28/4/2023 to 29/4/2023	Dr. Shashikanth Reddy R&D Head ParvaM Consultech Pvt Ltd Bangalore
3	Global Education Awareness Program	06/06/2023	Divay Tak Business Development Nestlings
4	Energy conservation and innovation in household applications	19/7/2023	Dr Krishna Kumar Associate Professor. Bangalore
5	Awareness program on article 21	17/7/2023	Prof B.A. Ranganathan Associate prof, RRIT, Bangalore

PATENTS FILED

Sl no	Name of the faculty	Title of invention	Date Published
1	Dr. B.N,Mohan Kumar	Automated Diagnosis System for medical images using convolution Neural Networks.	26/07/2023
2	Dr B.N Mohan Kumar, Dr Shivashankar & Mrs Parimala Gandhi G.	Secure Energy oriented Multi- Objective Optimization technique for WSN.	20/7/2023

BOOK PUBLISHED

Sl no	Name of the faculty	Title of the book/book chapter	Publisher	ISBN
1	Dr B.N Mohan Kumar	Electronic Devices and Integrated circuits	Scientific International Publishing House	ISBN NO;978-93-5757-464-8
2	Dr.Shivashankar	Introduction to computer communication and network	Scientific International Publishing House	ISBN:978-93-5757-657-4
3	Dr.Sunitha H D	Design and optimization of LD MOS transistor using doped silicon pockets in buried oxide	BP International	Print ISBN: 978-93-5547-988-4, eBook ISBN: 978-93-5547-989-1
4	Mrs.Parimala Gandhi G	Fundamentals of Python Programming	Scientific International Publishing House	ISBN:978-93-5757-738-0

DEPARTMENT COLLECTIVE ACHIEVEMENTS

Slno	Achievements	organizers	Students	Date
1	KSCST fund of Rs.5000 sanctioned to the project titled "Design of automatic headlight for automobiles"	KSCST	Abhishek , Vishnu K V, Shubhashree(8 th semester)	April 2023
2	2 nd prize in state level project exhibition for the project titled "Automatic solar powered streetlights and GPS operated"	EPCET, VIBRATIONS 2k23	Sai kiran G, Varshitha KR, Deep shikha gupta(8 th semester)	9 th May 2023
3	2 nd prize in national level project exhibition for the project titled "Automatic Water leakage detection, controlling and monitoring system using wireless sensor network for the improvement of water leakage system"	RRIT-TECTOPIA 2023	Diganta Halder and team	5 th May 2023
4	2 nd prize in mini project exhibition for the project titled "Gas leakage with auto ventilation and smart management system using IOT"	Akshaya Institute of Technology-TECHNIKA 2k23	Hemanth Reddy, Vinod, Harshith G, Rahul PH(6 th semester)	3 rd July 2023



Best outgoing student female awarded to Priyadarshini MS








The department of ECE congratulates Dr.Mohan Kumar BN for being awarded with PhD from VTU



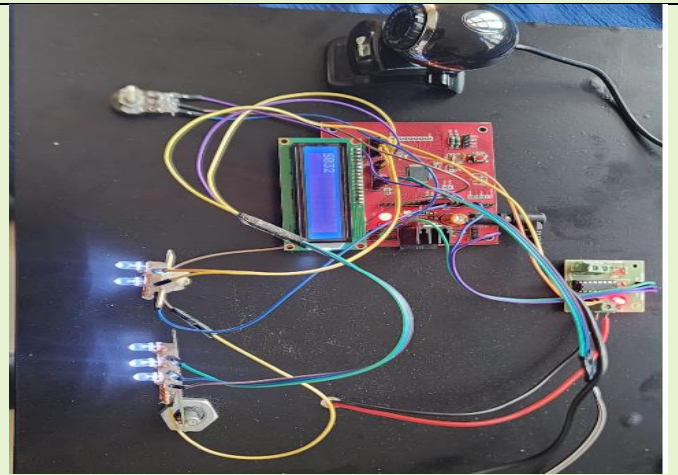
TOPPERS LIST



SEMESTER	1	2	3	DEPARTMENT TOPPER
VIII	 PRIYADARSHINI M .S. 1RI19EC012 92%	 Mannuru Penchala Narasimha 1RI19EC008 90 %	 SAI KIRAN 1RI19EC014 86.4%	
VI	 Manohar Joshi Nandibevur 1RI20EC007 77.8%	 Pydala Anjali 1RI20EC011 74%	 Sinchana R. 1RI20EC014 72.9%	
IV	 Nimishashree Ravalli 1RI21EC042 86%	 Chiranth R. 1RI21EC017 85.4%	 Priyadarshan Yadav 1R21EC045 84%	
II	 Harshita C.R. 1RI22EC019 90%	 Humaira Zaib 1RI22EC024 89.5%	 Meghna V 1RI22EC031 89%	

GALLERY

State Level Project Exhibition TECTOPIA-2023



*“Every Project is an opportunity to learn, to figure out problems and challenges, to invent and reinvent”
-David Rockwell*

Industrial Visit to JVS Electronics



Energy conservation and innovation in household applications



***“Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time”
-Thomas Edison***

