Department of Electronics & Communication Engineering

VIDYUNMAANA

Volume – 7 Issue – 1   **APRIL 2023**

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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 endeavor.

Dr Mahendra K.V.

HOD's Desk

I am very pleased to unveil Vol 7, issue 1 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.
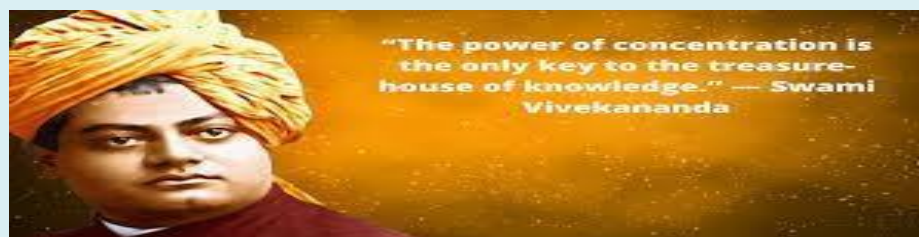
Mission

M1: 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.
M2: To create Centre of Excellence in the field of Electronics with industrial and university collaborations.

"The power of concentration is the only key to the treasure-house of knowledge." — Swami Vivekananda

EVENTS ORGANIZED BY THE DEPARTMENT

Sl no	Events	Date	Resourse person/Industries
1	Certificate program on "Introduction to Java and its Applications"	5/11/22 to 24/12/22	Ms Sangeetha C, Alumni,Department of ECE, RRIT
2	Technical talk on Computational thinking	01-12-2-22	Dr Ellangoe Professor & Mentor,Computer Applications,, CMR Institute of Technology, Bengaluru
3	Technical talk on emerging areas to focus on Project Development and Implementation	01-12-2-22	Dr S. Mohan Kumar Director, Research & Innovation CMR University
4	"Python Programming with Application project & solutions"	09th Jan 2023– 13th Jan 2023	Mohan Shamanna founder and mentor, Mohammed Azhar Hussain co-founder and mentor,
5	Seminar on "Data Warehousing"	28/02/ 2023	Mr. Madhu J, Alumni, Department of ECE, RRIT
6	"The future of Automation with IOT& Cloud: A hands-on training program"	27/04/2023– 28/04/2023	Dr Shashikanth Reddy
7	Visit to the Govt. Film and TV Institute, Hesaraghatta, Bangalore	14/12/2022	GFTI

PAPER PUBLISHED BY FACULTY

Sl no	Tittle	Journal Name	Author	Date/year	ISBN
1	Design and Performance Analysis of High Throughput and Low Power RNS Based FIR Filter Design on FPGA	International Journal e Collaboration	Mohan Kumar B N	2022	15483673
2	An Improved Multipath Energy Aware On-Demand Routing Protocol for MANETs	Journal of Communications	Dr.Shivshankar	2022	2374-4367
3	Secure intrusion detection system routing protocol for mobile ad-hoc network	Global Transitions Proceedings	Dr.Shivshankar	2022	doi.org/10.1016/j.gltp.2021.10.003

slno	Faculty name	Title of the paper/book chapter	Name of the conference/publisher	ISBN
1	B N Mohan Kumar	Lifetime ratio improvement in relay nodes using CWSN for cooperative wireless sensor networks	2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4)		978-1-6654-7497-9/22/$31.00 ©2022 IEEE	DOI: 10.1109/C2I456876.2022.10051217
2	Dr.Sunitha H D	Design and optimization of LDMOS transistor using doped silicon pockets in buried oxide)	BP International	Print ISBN: 978-93-5547-988-4, eBook ISBN: 978-93-5547-989-1
3	Dr.Sunitha H D	Natural Disaster Detection System With personalized notification system	ICRTEM -2022	ISBN : 978-93-92105-01-2

4	Dr.Sunitha H D	Detection of brain tumor at an early stage using Image segmentation techniques and machine learning techniques	ICRTEM -2022	ISBN : 978-93-92105-01-2
5	B N Mohan Kumar	Smart Reminder	ICRTEM -22	ISBN : 978-93-92105-01-2
6	Dr.Sunitha H D	System C Modelling of write combining burst generator for bus protocols to boost system performance	ICRTEM -2022	ISBN : 978-93-92105-01-2
7	Prof. Parimala Gandhi G	Machine Learning Analysis of Emotion Detects in Children	ICRTEM -2022	ISBN : 978-93-92105-01-2
8	Prof. B N Mohan Kumar	Women Safety Device Night-Patrolling Robot	ICRTEM -2022	ISBN : 978-93-92105-01-2
9	Prof. Anshu deepak	Internet of Things Enabled Power Theft Detection and Smart Meter Monitoring System	ICRTEM -2022	ISBN : 978-93-92105-01-2
10	Prof.Shymala P bhat	Auto Billing Shopping Cart Using Arduino	ICRTEM -2022	ISBN : 978-93-92105-01-2
11	Dr.Shivshankar	Design and implementation of wireless black box for vehicle tracking	ICRTEM -2022	ISBN : 978-93-92105-01-2

GLIMPSES OF VISIT To JANAPADA LOKA (AICTE ACTIITY)

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SEMESTER	1	2	3	DEPARTMENT TOPPER
VII 2018	Mannuru Penchala Narasimha 1RI19EC008 87%	SAI KIRAN 1RI19EC014 85%	PRIYADARSHINI M .S. 1RI19EC012 84%	Manohar Joshi Nandibevur 1RI20EC007 87%
V	Pydala Anjali 1RI20EC011 79 %	Naveen kumar 1RI20EC010 76.3%	Chithra A. M. 1RI20EC005 73%	
III	Nimishashree Ravalli 1RI21EC042 86%	Yukta 1RI21EC062 80.75 %	Priyadarshan Yadav 1RI21EC045 80% / K. Lathangi 1RI21EC029 80%	
I	Humaira Zaib 1RI22EC024 67%	Sujal Acharya 1RI22EC054 66.8%	Rakshitha C. 1RI22EC042 63.8%	

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GALLERY

IETE EVENTS

Certificate program on JAVA & its applications

Visit to the Govt. Film and TV Institute