



# TECHIE TWEED NEWS LETTER

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JAN-JUNE-2023

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



“I was originally supposed to become an engineer but the thought of having to expend my creative energy on things that make practical everyday life even more refined, with a loathsome capital gain as the goal, was unbearable to me.”

## Frequency: Half Yearly

### Editorial Board

**Dr. G. Rama Krishna** M. Tech, Ph. D  
Professor, Head of The Department

**M. Venkateswarulu**, M. Tech, (Ph. D)  
Associate Professor

### Students

**A.VARDHAN - 21MH1A0469**

**G.KAVYA - 21MH1A0481**

**M.LKHITHA- 21MH1A04A1**

**V.SAI -19MH1A0498**

**V. JYOTHI - 19MH1A04E9**

### Inside This Issue

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## Vision

To be a center of excellence and renowned for  
**Electronics & Communication Engineering**  
education and research

## Mission

**M1:** Enlighten the graduates in the basic concepts underlying the principles of analog and digital Electronics, Communication systems and advanced technologies.

**M2:** Provide state of the art infrastructure and research facilities

**M3:** Organizing industrial programs and social activities in collaboration with industries, NSS to disseminate knowledge

## SEMESTER TOPPERS

### **ELECTRONICS & COMMUNICATION ENGINEERING TOPPERS LIST @ (19 Batch) IV B. TECH I SEMESTER**



**8.71 (1<sup>st</sup> Place)  
20MH5A0427  
PINNA SAI VARMA**



**8.64 (2<sup>nd</sup> Place)  
19MH1A04B0  
D GOVINDA SAI**

### **TOPPERS LIST @ (20 Batch) III B. TECH I SEM**



**8.59 (1<sup>st</sup> Place)  
20MH1A04D7  
CHOKKA CHINA BABU**



**8.45 (2<sup>nd</sup> Place)  
20MH1A0437  
MANYAM GANGOTHRI**

### **TOPPERS LIST @ (21 Batch) II B. TECH I SEM**



**9.23 (1<sup>st</sup> Place)  
21MH1A0494  
KAVYA SRI POLA**



**9.11 (2<sup>nd</sup> Place)  
21MH1A04A8  
PASUPULETI NIHARIKA**



**9.11 (2<sup>nd</sup> Place)  
21MH1A04J1  
VADAPALLI ANJALI**

## EVENTS ORGANIZED

### GUEST LECTURE

Guest Lecture on “Wireless Networks and Optimization Techniques” Resource Person is Dr.Krishna Chaitanya, Assistant Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Andhra Pradesh held on **28-04-2023**

Recent advances in linear and nonlinear optimization facilitate progress in many areas of communications. In wireless and mobile communications this progress provides opportunities for introducing new standards and improving existing services. Supporting multimedia traffic with end-to-end quality-of service (QoS) guarantee over multi-hop wireless networks (e.g., wireless sensor networks, mobile ad hoc networks, wireless mesh networks) is a challenging technical problem due to various factors and constraints: limited bandwidth and battery power, channel variability and user mobility, protocol and standard compatibility, fairness consideration, higher data rates, system robustness, and seamless service, to name a few. In addition, several wireless networks may be allowed to co-exist and share the same spectrum, which leads to the requirement of minimal (acceptable) interference between different networks. Optimization methods have been recognized as extremely useful techniques in helping with addressing the aforementioned challenges.



## WORKSHOP

### ONE WEEK WORKSHOP ON 3D PRINTING TECHNOLOGY

A.SAI KUMAR is the Chief Technical Officer at Trigid Innovation Pvt. Ltd. in Vijaywada. In 2019, he graduated from Aditya College of Engineering with a B.Tech in Mechanical Engineering. He have more than 4 years of experience in 3D printing technologies. K.Tarun Kumar is the Managing Director of Hydro Tribe Private Limited in Vijaywada. In 2015, he received his B.Tech in Mechanical Engineering from Sri Sai Aditya Institute of Science and Technology. With 8 years of experience in 3D printing technologies

The ECE department hosts a one-week workshop on 3D printing technologies. From February 27th, 2023 until March 4th, 2023. Students eagerly engaged in this session and learnt about new types of 3D printers as well as practical applications in various industries such as industrial applications, household applications, and so on. A total of 156 students participated in this workshop, and all of them gave positive feedback on it





## SEMINAR

### SEMINAR ON “PEOPLES EDUCATION PROGRAM”

On March 7, 2023, the ECE department organize a seminar on People's Education Programmes. Participants in this conversation learned about new government programmes, such as the Prime Minister Employment Generation Programme (PMEGP), that are being implemented to help students become entrepreneurs. Participants also investigated the innovation centers in their geographic areas and how to contact those centers with their ideas. This Seminar was attended by 120 students, and all of them gave favorable feedback.



## Placements

S.NO	REG.NO	NAME OF THE STUDENT	COMPANY NAME	DESIGNATION	CTC
1	19MH1A0490	S KAMAL CHIRANJEEVI	DXC Technology	SOFTWARE ENGINEER	4.20 LPA
2	19MH1A0492	S BABY SAI KRISHNA	DXC Technology	SOFTWARE ENGINEER	4.20 LPA
3	19MH1A0495	T.S.S.VSAI SAMPATH	Kyndryl	SOFTWARE ENGINEER	6.0 LPA
4	19MH1A0498	V SAI SEKHAR	Hexaware Technologies	ASSOCIATE ENGINEER	4.20 LPA
5	19MH1A04E3	SANDEEP CHODISETTI	Keka	TRAINEE	8.00 LPA
6	19MH1A04E3	SANDEEP CHODISETTI	Maersk	TRAINEE	9.90 LPA
7	19MH1A04E4	SAYYAD ASHRAFUNNISA	DXC Technology	ASSOCIATE SOFTWARE ENGINEER	4.20 LPA
8	19MH1A04E6	T VAMSI KRISHNA SAI	DXC Technology	ASSOCIATE SOFTWARE ENGINEER	4.20 LPA
9	19MH1A04E7	VEDURUPARTHY SRI GANESH SAI RAM	The Tech Destiny	ASSOCIATE SOFTWARE ENGINEER	7.00 LPA
10	19MH1A04E8	V VENKATA PARVATHI	DXC Technology	ASSOCIATE SOFTWARE ENGINEER	4.20 LPA
11	19MH1A04F5	Bommiseti Meghana	Hexaware Technologies	SOFTWARE TRAINEE ENGINEER	4.20 LPA
12	19MH1A04F5	Bommiseti Meghana	DXC Technology	TRAINEE	4.20 LPA
13	19MH1A04F9	CHIKKAM SRI VISHNUVARDHAN	Hexaware Technologies	BUSINESSS DEVELOPMENT TRAINEE	4.00 LPA
14	19MH1A04G1	GARAGA BHAGYASRI	DXC Technology	BUSINESSS DEVELOPMENT TRAINEE	4.20 LPA
15	19MH1A04G4	GUMMALLA VEERA SIVAJI	Hexaware Technologies	BUSINESSS DEVELOPMENT TRAINEE	4.00 LPA
16	19MH1A04G6	JANGA INDIRA ISWARYAMBIKA	Hexaware Technologies	BUSINESSS DEVELOPMENT TRAINEE	4.00 LPA
17	19MH1A04G7	KADIMISETTI DEVI VARA PRASAD REDDY	Hexaware Technologies	BUSINESSS DEVELOPMENT TRAINEE	4.00 LPA
18	19MH1A04H0	K VIVEK SANTHOSH	DXC Technology	BUSINESSS DEVELOPMENT TRAINEE	4.20 LPA

## STUDENTS ACHIEVEMENTS

**K DIVYA** STUDENT FROM III YEAR ECE **20MH1A04A1** HAVE WON THE **SILVER MEDAL** IN 38<sup>th</sup> National Senior KYORUGI & 11<sup>th</sup> National Senior POOMSAE TAEKWONDO CHAMPIONSHIPS (UNDER 73 KGS) held at "DEHRADU" on between 08-06-2023 to 11-06-2023



**ఆంధ్రప్రదేశ్**

**తైక్వాండోలో ఆదిత్య విద్యార్థినికి రజతం**

**గండేపల్లి, ప్రభున్యూస్ :** గండేపల్లి మండలం సూరంపాలెం ఆదిత్య కాలేజ్ ఆఫ్ ఇంజనీరింగ్ కళాశాలకు చెందిన తృతీయ సంవత్సరం ఈసీఈ చదువుచున్న కే దివ్య దెహ్రాడూన్ ఉత్తరాఖండ్‌లో నిర్వహించిన సీనియర్ నేషనల్ తైక్వాండో ఛాంపియన్ షిప్ పోటీలలో విశేష ప్రతిభ కనబరిచి రజత పతకంహా సాధించినట్లు కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఆదిరెడ్డి రమేష్ తెలిపారు. ఈ సందర్భంగా దివ్య ను కళాశాల సిబ్బంది అభినందించారు.

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**ADITYA**  
COLLEGE OF ENGINEERING  
Surampalem, Andhra Pradesh, INDIA

**Congratulations.....**

**KANDIPALLI DIVYA - 20MH1A04A1, ECE – III Year**

Got Silver Medal in 38th National Senior KYORUGI & 11th National Senior POOMSAE TAEKWONDO CHAMPIONSHIPS: 2022-23 UNDER SENIOR WOMEN'S 73 Kg Category

**Congratulations**



### International Journals (Scopus Indexed):

1. **R.Raman**, K.Priya, Dr.P.Rengarajan, Dr.S.Jaya Bharathi, Dr.Anu K M, Dr. Deepak janardhan gadeka, "Artificial Intelligence And Machine Learning In Food And Agriculture Industry", IJFANS International Journal of Food and Nutritional Sciences UGC Care Listed (Group -I) Journal Volume 12, Issue 1, pp 168–179, January-2023.

<https://www.ijfans.org/uploads/paper/485ff2a29438adadd50d65c71509f262.pdf>

2 .Gajendran Srihari, **Raman Ramamoorthy**, Shanmuganantham Thangavelu, Nimmagadda Padmaja, "Hammer-shaped slotted antenna design and analysis for wireless applications", Indonesian Journal of Electrical Engineering and Computer Science, Volume:30, Issue 3, PP - 1488-1497, 2023, ISSN: 2502-4752. [SJIR 0.27, H- Index 31]

<https://ijeecs.iaescore.com/index.php/IJECS/article/view/29355/17336>

3 .**Mahalaxmi, U. S. B. K.**, Kishan Bhushan Sahay, R. Sabitha, SulaimaLebbe Abdul Haleem, Prabjot Kaur, and P. Vijayakumar. "Using Electroencephalogram Classification in a Convolutional Neural Network, Infer Privacy on Healthcare Internet Of Things 5.0." Expert Systems 40, no. 4 (2023): e12942. [IF 2.81, SJR 0.61, H- Index 45]

### International Conferences (Scopus/WoS):

1.Raghava M., **Veerapandu G.**, Rama Naidu G. "A Study on Chebyshev Filter Design by Using CSD" In *Recent Developments in Electronics and Communication Systems*, pp. 516 - 521. IOS Press, 2023.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-b>

2.**Suma, Y; Jaffino, G;** Singh, Mahesh K; "Sparse Function Learning for Alzheimer's Disease Detection Dependent on Magnetic Characteristics Imaging with Mark Information ", Vol- 290, PP: 83-89, Proceedings of Second International Conference in Mechanical and Energy Technology; Springer; ISBN:978-981-19-0108-9;

[https://link.springer.com/chapter/10.1007/978-981-19-0108-9\\_9](https://link.springer.com/chapter/10.1007/978-981-19-0108-9_9)

3.Reddy, Karri Rama Sai; Satwika, Chundru; **Jaffino, G;** Singh, Mahesh K; "Monitoring of Infrastructure and Development for Smart Cities Supported by IoT Method ", Vol- 290, PP: 21-28, Proceedings of Second International Conference in Mechanical and Energy Technology, Springer; ISBN:978-981-19-0108-9

[https://link.springer.com/chapter/10.1007/978-981-19-0108-9\\_3](https://link.springer.com/chapter/10.1007/978-981-19-0108-9_3)

4.Lalitha, Kakarapalli; **Veerapandu, Geesala;** "Forest Fire Detection Using Satellite Images" , Vol- 290, PP: 277-284, Proceedings of Second International Conference in Mechanical and Energy Technology; Springer; ISBN:978-981-19-0108-9

[https://link.springer.com/chapter/10.1007/978-981-19-0108-9\\_29](https://link.springer.com/chapter/10.1007/978-981-19-0108-9_29)



5.Madhava Sai Teja, V; Sai, B; **Veerapandu, G**; Singh, Mahesh K; "A Comparative Study of Different IOT Sensors ", Vol- 290, PP: 53-61, Proceedings of Second International Conference in Mechanical and Energy Technology; Springer; ISBN:978-981-19-0108-9

[https://link.springer.com/chapter/10.1007/978-981-19-0108-9\\_6](https://link.springer.com/chapter/10.1007/978-981-19-0108-9_6).

**6.Jaffino G**; Palaniappan T; Samuel Swami doss MK; Guga priya G; Madhu Manikyam Kumar; & J Prabin Jose, " IoT Based Frame work for Automatic accident Intimation System",Vol:01; Page(s):1568 – 1572; International Conference on Advanced Computing and Communication Systems (ICACCS);ISBN:9781665408172

<https://ieeexplore.ieee.org/document/9785220>.

7..Addepalli, Phani Sridhar, **Tenneti Krishna Mohana**, and G. Naga Satish. "Motor Vehicle Alert System in On-Campus Environments: Omniscient Vehicle Sensor." *Communication, Software and Networks: Proceedings of INDIA 2022*. Singapore: Springer Nature Singapore, 2022. 149-160.

[https://link.springer.com/chapter/10.1007/978-981-19-4990-6\\_1413](https://link.springer.com/chapter/10.1007/978-981-19-4990-6_1413).

8.Kiran, Mani; VNS, Ch; **Jagadeesh Babu, B**; Singh, Mahesh K; "Study of Different Types of Smart Sensors for IoT Application Sensors ", Vol- 290, PP: 101-107, Proceedings of Second International Conference in Mechanical and Energy Technology; Springer; ISBN: 978-981- 19-0108-9

[https://link.springer.com/chapter/10.1007/978-981-19-0108-9\\_11](https://link.springer.com/chapter/10.1007/978-981-19-0108-9_11)

