



# Techie Tweed

Volume 4: Issue 1

## NEWS LETTER

JAN-JUNE/2022

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



“The wellbeing of the world largely depends upon the work of the engineer. There is a great future and unlimited scope for the profession; new works of all kinds are and will be required in every country, and for a young man of imagination and keenness I cannot conceive a more attractive profession. Imagination is necessary as well as scientific knowledge”

### 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

**P. RAJESH - 18MH1A04E3**

**B.N.V.S.V. SIDDHU - 18MH1A04F6**

**B. G. BHARATHI- 18MH1A0456**

**M. KARTHIK-18MH1A0477**

**V. JYOTHI-19MH1A04E9**

#### Inside This Issue

Semester Toppers

Events Organized

Placements

Journals Publications

Patents

Achievements

#### 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

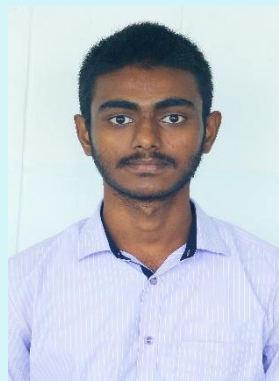
## SEMESTER TOPPERS

### ELECTRONICS & COMMUNICATION ENGINEERING

#### TOPPERS LIST @ (18 Batch) IV B. TECH I SEMESTER



**8.36 (1<sup>st</sup> Place)**  
**19MH5A0421**  
**CH SRI LAKSHMI**



**8.23 (2<sup>nd</sup> Place)**  
**19MH5A0444**  
**K SUBRAHMANYAM**

#### TOPPERS LIST @ (19 Batch) III B. TECH I SEMESTER



**8.43 (1<sup>st</sup> Place)**  
**20MH5A0412**  
**J. NAGENDRA**



**8.43 (1<sup>st</sup> Place)**  
**19MH1A04E9**  
**VUNDAVALLI JYOTHI**



**8.21 (2<sup>nd</sup> Place)**  
**20MH5A0414**  
**K.SRI CHAKRA LAKSHMI**

## EVENTS ORGANIZED



On April 23, 2022, Achievers Day was observed. Aditya College of Engineering organized this special event for the students who were successfully placed in a variety of companies with excellent pay packages. On this occasion, all 144 placed students and their parents are present. Dr. A. Ramesh garu, Principal of the college, and Dr. G. Ramakrishna garu, E.C.E, congratulated all the achievers on this occasion. Parents and students are overjoyed on this occasion, and they express their gratitude to the college administration, Principal Sir, Department HOD Sir, and faculty.

## SEMINAR

A seminar was conducted to the III-year students on MEMS Switches on 26-02-2022 by the Dr. N. V. Rao Professor, JNTUK. In this seminar 186 students are attended.

## Placements

S.NO	REG.NO	NAME OF THE STUDENT	COMPANY NAME	DESIGNATION	CTC
1	18MH1A0477	KARTHIK MEDIBOINA	TECHIGAI	SOFTWARE ENGINEER	6.00 LPA
2	18MH1A04C6	KRISHNA SRIKANTH K	TECHIGAI	SOFTWARE ENGINEER	6.00 LPA
3	18MH1A04C9	MATUPARTHI MANOJ SAI	MAERSK	SOFTWARE ENGINEER	9.90 LPA
4	19MH5A0415	SIVA BHANUPRASAD AMJURI	ALTIMETRIK	ASSOCIATE ENGINEER	7.00 LPA
5	18MH1A0496	BABA SAI ESWARA REDDY SATTI	INNVENIO BUSINESS SOLUTION	TRAINEE	6.00 LPA
6	18MH1A04D3	KALYANI LAKSHMI MEESALA	INNVENIO BUSINESS SOLUTION	TRAINEE	6.00 LPA
7	19MH5A0444	KODURI SUBRAHMANYAM	REVATURE	ASSOCIATE SOFTWARE ENGINEER	6.00 LPA
8	19MH5A0415	SIVA BHANUPRASAD AMJURI	REVATURE	ASSOCIATE SOFTWARE ENGINEER	6.00 LPA
9	18MH1A04C6	KRISHNA SRIKANTH K	INCREFF	ASSOCIATE SOFTWARE ENGINEER	7.40 LPA
10	18MH1A04B3	VENKATA SAI RAM DASARI	XORiant	ASSOCIATE SOFTWARE ENGINEER	8.00 LPA
11	18MH1A04A2	VAKKALANKA NAGA PUJITHA	LUMEN	SOFTWARE TRAINEE ENGINEER	6.00 LPA
12	18MH1A0467	RAMYA KANTIMAHANATHI	TURINGMINDS.AI	TRAINEE	6.20 LPA
13	19MH5A0411	KOPPULA SANDEEP REDDY	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
14	18MH1A0413	DESINA LAVANYA	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
15	18mh1a0437	RAVI KRISHNA	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
16	18MH1A04C4	UPENDRA KOLLURI	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
17	18MH1A04A7	BALISSETTI SRAVANI	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
18	18mh1a0421	GAYATHRI KANDALA	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA

19	18MH1A0484	NANDIGAM KRANTHI KUMAR	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
20	18MH1A0494	RASAMSETTI CHARAN	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
21	19mh5a0414	AKULA YEDUKONDALU	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
22	19MH5A0462	SHEIK SAJID	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA
23	18MH1A04A8	BOGIREDDI CHANDRA DURGA	ZELF STUDIE	BUSINESSS DEVELOPMENT TRAINEE	6.00 LPA

*Congratulations*



## Journals Publications

Sl. No	Name of the Faculty/ Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC/ Scopus
1	Dr. Meenakshi Sundaram	Analysis of performance, combustion, and emission parameters in a reactivity-controlled combustion ignition (RCCI) engine - an intensive review	International Journal of Ambient Energy	ISSN: 2162-8246	06-Apr-22	SCI
2	Dr.U.S.B.K.Mahalakshmi	Hybrid Feature-Based Disease Detection in Plant Leaf Using Convolutional Neural Network, Bayesian Optimized SVM, and Random Forest Classifier	Journal of food quality	ISSN : 0146-9428	10-Feb-22	SCI
3	Dr.U.S.B.K.Mahalakshmi	Using Electroencephalogram Classification in a convolutional network, infer privacy on health care internet of things 5.0	Expert Systems	ISSN: 1468-0394	Jan-22	SCI
4	Dr.G. Jaffino	Weighted 1D-local binary pattern features and Taylor-Henry gas solubility optimization based Deep Max out network for discovering epileptic seizure using EEG	DIGITAL SIGNAL PROCESSING	2021.10 3349	<a href="#">122</a> , 15 April 2022	SCI

## Patents

Sl. No .	Name of the Faculty	Patent details	Area of the patents files/ obtained	Status	Filing agency
1	Dr.G.RAMAKRISHNA	Method for minimizing the battery power using mobile adhoc networks	Electrical & Agricultural	Granted	IP Australia
2	Dr.U.S.B.K.Mahalakshmi	Efficient Iris Recognition System with complete local ternary pattern feature extraction & classification method	Biomedical	Granted	IP Australia
3	M. Venkateswarulu	Nano bio compatible hydrogels for treating external injuries	Medical image processing	published on 13-08-2021	Intellectual Property India
5	Dr.R.Raman	Combination of an IOT Based Rural Village Micro-Grade Regulator Strategy Based On Smart Grid multipotent modeling and trans active energy administration values	Electrical	Published on 04/02/2022	Intellectual Property India
6	Mrs.K.Suma	Method to observe Fast Data Transmission Light Rays	Bio Medical Engineering	Published on 16/02/2022	Novel Patent Services ltd

## Book & Book Chapters

Sl. No	Name of the Faculty Author	No of Authors	Main Author/ other	Title of the Book Chapter	Name of the Publisher	ISBN Number
1.	G.Jaffino	3	J.Prabin Jose, M.Sundaram	Contour and Texture based approaches for dental radiographic and photographic images in Forensic identification	Advances in Communication s,SignalProcessing, and VLSI	1732-6418
2.	Dr.Raman	3	Dr.T.S.Karthik	Digital Electronics:Theory and Practice	Anvi Books & Publishers	978-93-90856-022



## STUDENTS PUBLICATIONS

S.NO.	PAPER TITLE	AUTHOR	NAME OF JOURNAL	YEAR OF PUBLICATION	ISSN/ISBN NUMBER
1	A Comparative Study of Different IOT Sensors	V. Madhava Sai Teja	International Conference in Mechanical and Energy Technology-2021	JUNE27,2022	978-981-19-0108-9
2	Monitoring of Infrastructure and Development for Smart Cities Supported by IoT Method	Karri Rama Sai Reddy,Chundru Satwika	International Conference in Mechanical and Energy Technology-2021	JUNE27,2022	978-981-19-0108-9
3	Sparse Function Learning for Alzheimer's Disease Detection Dependent on Magnetic Characteristics Imaging with Mark Information	Y. Suma	International Conference in Mechanical and Energy Technology-2021	JUNE27,2022	978-981-19-0108-9
4	Study of Different Types of Smart Sensors for IoT Application Sensors	Ch. V. N. S. Mani Kiran	International Conference in Mechanical and Energy Technology-2021	JUNE27,2022	978-981-19-0108-9
5	Forest Fire Detection Using Satellite Images	Kakarapalli Lalitha	International Conference in Mechanical and Energy Technology-2021	JUNE27,2022	978-981-19-0108-9

## FACULTY ACHIEVMENTS

- 1.B. Jagadeesh Babu Assistant Professor have got Ph.D. admission in Andhra University through APRCET- 2021
2. K. Sangeeth Kumar Assistant Professor have got Ph.D. admission in Andhra University through APRCET- 2021



## STUDENTS ACHIEVEMENTS

**K DIVYA** STUDENT FROM II YEAR ECE **20MH1A04A1** HAVE WON THE **GOLD MEDAL** IN **TAEKWONDO** JNTUK INTER COLLEGIATE TAEKWONDO TOURNAMENT (UNDER 67 KGS).  
DVR & Dr. HS MIC COLLEGE KANCHIKACHERLA VIJAYAWADA held on 20-02-2022

### JNTU KAKINADA INTERCOLLEGIATE TAEKWONDO TOURNAMENT -2021-22



*Congratulations*

**NAME :K.DIVYA**

**ROLL NO : 20MH1A04A1**

**ECE 2<sup>nd</sup> YEAR**

**TAEKWONDO TOURNAMENT WINNER**

**UNDER 67 WEIGHT CATEGORY GOLD MEDAL**



**ADITYA COLLEGE OF ENGINEERING**





## జె.ఎన్.టి.యు.కె 'త్వైక్వాండ్' పోటీలలో ఆదిత్య విద్యార్థుల హవా



గండేపల్లి ఫిబ్రవరి 23,  
పల్లెజ్యోతి ప్రతినిధి

గండేపల్లి మండలం సూరంపాలెం  
ఆదిత్య విద్యా ప్రాంగణంలో గల వివిధ  
ఇంజనీరింగ్ మరియు ఫార్మాసి  
కళాశాలలకు చెందిన విద్యార్థులు  
జె.ఎన్.టి.యు.కె. యూనివర్సిటీ "త్వైక్వాండ్"  
పోటీలలో విశేష ప్రతిభ కనబర్చి పథకాలు  
సాధించారని ఆదిత్య విద్యాసంస్థల వైస్  
చైర్మన్ డా. ఎన్.సతీష్ రెడ్డి

తెలియజేసారు. ఈ నెల 20-02-2022న ఎం.ఐ.సి కంచిక చర్ల లో నిర్వహించిన జె.ఎన్.టి.యు.  
టోర్నమెంట్ మరియు సెలక్షన్ & బ్రయల్స్ మెన్ & విమెన్ లో పాల్గొన్న ఆదిత్య విద్యార్థులు 53  
కేజీల విభాగంలో పి. సమ్రత రాగ (ద్వితీయ బీఫార్మసి-ఆదిత్య కాలేజ్ ఆఫ్ ఫార్మసి) 67 కేజీల  
విభాగంలో కె.దివ్య (ద్వితీయ ఇ.సి.ఇ) ఆదిత్య కాలేజ్ ఆఫ్ ఇంజనీరింగ్ కళాశాల పాల్గొని విశేష  
ప్రతిభ కనబరిచి మహిళల విభాగంలో గోల్డ్ మెడల్ కైవసం చేసుకున్నారు, మహిళల విభాగంలో  
జె.ఎన్.టి.యు.కె "త్వైక్వాండ్" టీమ్ కు ఎంపిక అయినట్లు తెలిపారు. మార్చి నెల 21 నుంచి 24  
వరకు కేరళలో జరుగు పోటీలలో పాల్గొంటారని తెలిపారు. ఈ సందర్భంగా విజే తలను అందుకు  
సహకరించిన ఫిజికల్ డైరెక్టర్లను ఆదిత్య విద్యాసంస్థల వైస్ చైర్మన్ డా. ఎన్. సతీష్ రెడ్డి, ప్రిన్సిపాల్  
డా. ఎం.శ్రీనివాస్ రెడ్డి, ఫార్మసి కళాశాల ప్రిన్సిపాల్. డా. కె.రవిశంకర్, ఇంజనీరింగ్ కళాశాల  
ప్రిన్సిపాల్ డా. ఆదిరెడ్డి రమేష్ తదితరులు అభినందించారు. ఈ కార్యక్రమంలో ఫిజికల్ డైరెక్టర్ లు  
ఎస్. వెంకటేష్, ఎన్.రవి, ఎన్. శంకర్ రావు, కోచ్ అర్జునరావు పాల్గొన్నారు

# Congratulations