



# MJCET

## Electronics and Communication Dept

#CHANNEL ECE / ACADEMIC YEAR 2021- 22

### Newsletter



## FROM HOD'S DESK

The Electronics and Communication Engineering Department of MJCET is one of the leading departments of the college with highly experienced faculty and well-equipped laboratories. The emerging technologies like Artificial Intelligence, IoT, Blockchain, Robotics, Quantum Computing, Data Science, Cyber Security, 3D printing and Design, Augmented/Virtual Reality, Self Driven Cars, Electric Vehicles, Smart Buildings are a direct consequence of the innovations in the field of Electronics and Communication Engineering. The major revolution in the area of VLSI (Electronic Chip) Design and Communication Technologies (3G, 4G and 5G) is a cornerstone of all major innovations in all branches of Engineering. Further, another critical area in which ECE is used, is Healthcare.



Dr. Mohammed Arifuddin Sohail  
Head of ECED

The latest innovations in Wearable Devices, Medical diagnostics, Surgical Interventions, Biomedical Implants, Critical Care is based upon the key parameters of Electronic Design which are Low Power, High Speed and Small Area. The department aims at honing the skills of students in the core domain of Electronics and Communication Engineering. However, we prepare our students to meet the demands of the software industry which offers high volume job opportunities by training our students in niche technologies like AI, IoT, Robotics, Full Stack development among others.

The ECE Department at MJCET is a wonderful place for the students to groom themselves as professional industry-ready engineers. I believe in the philosophy that "Electronics is like water and it easily blends with any branch of Engineering and makes anything Intelligent".

One of the parameters to accredit a department is its academic performance in university examinations. I congratulate the department for producing excellent results this year. Placement is outstanding, with ECE department students receiving the most offers (138). ECE department students have proved that they are second to none when it comes to placements even if they are in the software domain. The objective of our department is to develop student competencies in dealing with global complexities, emerging technologies, and change, not forgetting the core values of humanity.



## THE VETERAN PROFESSOR OF ECE

### MR. JAIDEEP KUMAR NAG

Felicitation Ceremony done by the staff of Electronics and Communication Department in honor of Mr. Jaideep Kumar Nag who has been part of this esteemed institution since 1987.

Mr. Jaideep Nag worked as an Associate Professor and Associate Head during his tenure of 35 years. His areas of expertise were Digital Systems, Embedded Systems & Microprocessors and Micro controller based system design.

He has published his papers in National Conferences where his Research interest was System on chip design and architecture.

**"Seek for opportunity in the career and strive hard to achieve goals"**

~ J.K Nag

WE LEARN, WE TRY, WE GROW

# STAFF OF ECED



## Teaching Staff

1	Dr. Md. Arifuddin Soheli	Prof. & HOD
2	Dr. Kaleem Fatima	Professor
3	Dr. Nazia Parveen	Professor
4	Dr. Ayesha Naaz	Professor
5	Mr. J.K. Nag	Assoc. Prof.
6	Mr. Iftakharuddin	Assoc. Prof.
7	Dr. Sabir Hussain	Assoc. Prof.
8	Mr. Syed Hifazath Ali Khan	Sr. Asst. Prof.
9	Mr. Md. Muneeruddin	Sr. Asst. Prof.
10	Mrs. Nazeerunnisa	Sr. Asst. Prof.
11	Mrs. Afshan Kaleem	Sr. Asst. Prof.
12	Mrs. B. Sucharitha	Asst. Prof.
13	Mr. Hakeem Aejaz Aslam	Asst. Prof.
14	Mrs. Shubhangi Saxena	Asst. Prof.
15	Mr. Mohd. Zakir Hussain	Asst. Prof.
16	Mr. Md. Noorullah Khan	Asst. Prof.
17	Dr. M.A. Raheem	Asst. Prof.
18	Ms. G.S.L.B.V. Prasanthi	Asst. Prof.
19	Ms. Maliha Naaz	Asst. Prof.
20	Dr. Salma Fauzia	Asst. Prof.
21	Ms. Rafathunnisa	Asst. Prof.
22	Mr. K. Sasidhar	Asst. Prof.

## Non-Teaching Staff

1	Mr. Mohd. Mujeeb ur Rehman	Lab. Supervisor
2	Mr. M.A. Majeed Zubair	Lab. Asst.
3	Mrs. J. Padma	Lab. Asst.
4	Mr. Mohammed Sohail Ahmed	Lab Asst
5	Mr. Mohammed Shahed Ali	Lab Asst
6	Mr. Syed Zaheeruddin	Computer Operator
7	Mr. Haseeb Ahmed	Junior Assistant
8	Mr. Khan Faiz Mohammed	Lab. Tech.
9	Mr. Shaik Abdul Razakh	Lab. Tech.
10	Mr. Mohd. Mateen Ali	Lab. Tech.
11	Mr. Shaik Kareemullah	Lab. Tech.
12	Mr. Md. Ismail	Lab. Tech.
13	Mr. M.A. Taher	Lab. Attendant
14	Mr. Mohammad Dastagir	Attender
15	Mr. Mohd. Sulaiman	Lab. Attendant



## ACADEMIC STIR

Electronics & Comm. Dept MJCET, organized various Conferences, FDPs, STTPs, Workshops, Seminars, Guest Lectures, etc, to spread the spirit of learning, wisdom, and togetherness among the students. It was able to connect and converse with the students not only in offline but online mode as well. It was successfully able to conduct a total of 20 such events.

- A Guest lecture on "FUTURE OF COMPUTE" was held on 28th April 2022, by Mr. Jim Keller, CTO & President, TenstorrentInc USA.
- A technical talk was organized by IEEE EDS MJCET in collaboration with WiTricity Corporation on "Introduction to wireless Power" on 25th July 2022. The resource person was Mr. Ky Sealy, who works as a Witricity Engineering Fellow and has taught several Electrical Engineering classes as an invited lecturer.



Guest lecture organized by  
IEEE Women in Engineering MJCET

- A One-Day Workshop on "How to publish good research papers in Scopus/Web of Science indexing journals." was held by Dr. Shaik Kareem Ahammad, Assoc. Prof, Coordinator of Physics, MJCET on 16th March 2022 to guide faculty to meet the standards of paper publishing.
- IEEE Distinguished Microwave Lecturer (DML) talk on "Portable Radar Systems For Life Activity Sensing, Anomaly Detection And Human Tracking" by Dr. Changzhi Li, Professor, Texas Tech University, USA. Dr. Ayesha Naaz, Prof. ECED was the coordinator of this session held on 13th Feb 2022.



- A seminar in online mode was conducted on 15th March 2022 on the topic "RF Design for Ultra-Low-Power Wireless Communication Systems: Efficiently Miniaturizing and Passively Sensing." The resource persons were Dr. Jasmine Grosinger, Associate Professor, Graz University of Technology and Dr. Ayesha Naaz, Professor ECE MJCET. They enlightened the students with their knowledge about the Communication systems.
- IEEE Circuits and Systems Society in collaboration with IEEE RAS and Robotics organized a technical talk on "VLSI DESIGN FLOW" on 7th Jan 2022. The resource person for this talk was Mr. Abdul Ahad, Senior physical design Engineer at Qualcomm edified the students.
- MJCET in collaboration with Wayne State University, USA organized an orientation program in Physical mode on "Overseas Education in USA in current pandemic under the guidance of Dr. Md. Arifuddin Sohel, Prof. & Head, ECE Dept on 9th December 2021.
- A webinar on "Inspiring Research and Innovation Using IEEE Publications" was conducted by Mr. M. S. Srinivasa, Training manager for South states (Karnataka, Telangana) from EBSCO Information Services India Pvt. Ltd on 25th October 2021.

*"Teachers are the one who pass their zeal and enthusiasm as a legacy to their students."*

~ Robert John





- A webinar on "Challenges and opportunities in pursuing M.S in Computer Science" was given by Ms. Ashna Ansar, Software Development Engineer, Amazon, USA on 4th December 2022.
- MJCET in collaboration with Wayne State University, USA organized an orientation program in Physical mode on "Overseas Education in USA in current pandemic" on 9th Dec 2021. Ms Shradha was the key speaker for this session.
- An Awareness Program on Intellectual Property Rights (IPR) with Special Emphasis on Electrical, Electronics, Communication, and Instrumentation-related Inventions under National Intellectual Property Rights Awareness Mission (NIPAM) was conducted on 26th July 2022.
- An online Workshop on "Session on Building an Innovation Fit for Market: Design of Oxygen Concentrator – Innovation and Implementation Challenges" was organized by Institution's Innovation Council in Collaboration with T WORKS on 27th August 2021. Sri Simran Wasu, Product Design Engineer, T Works, and Govt. Of Telangana and Sri Sharat Reddy, Sourcing Lead, T Works, Govt. of Telangana enlightened the students with their abundant knowledge and guidance
- A Two-Day Practical Workshop on "3D-Printing and Design" was conducted for the ECE Non-Teaching Staff led by Dr.Mohd. Abdul Raheem, Asst.Prof. ECED & Mr.Mohd. Shahed Ali Haqqani, Lab Assistant, ECED on 24th & 25th August 2021.



- A webinar on "Digital Twins – Advances in Robotics" under "Trending Research Areas in Engineering" was organized by Research Development Cell (RDC), ACE Engineering College under the supervision of Dr.Md.Arifuddin Sohel, Prof. & Head, ECE Dept. on 28th October 2021.
- T-SIG MJCET conducted a One-Day Workshop on "Hands on IoT " for 2nd and 3rd year ECE under the guidance of Md MunneerUddin, Senior.Asst.Prof.ECE Dept on 25th Dec 2021.
- A seminar on "Challenges and Opportunities in Pursuing Higher Education in USA in Electronics Domain" was conducted by Mr. Moiz, alumni of ECED MJCET presently working in Intel, USA & Dr. Arifuddin Sohel, Prof. and Head ECED on 27th Oct 2021.
- A 1-Day webinar on "Collaborative and Interdisciplinary Research" was conducted by Dr. K. M. M. Rao, Chair, Life Member Affinity Group (LMAG), IEEE Hyd. Section on 16th May 2021.
- A webinar event on "Education, Research and Innovation" was held on 28th May 2021 by Prof. Ramgopal Rao, Director IIT Bombay
- A seminar on "International Career Opportunities in VLSI Design" was conducted by Mr. Arshad Hashmi, Application Engineer, Synopsys, Texas, Austin, USA on 23rd December 2021.
- A webinar by M.S.Srinivasa, Training manager for South states (Karnataka, Telangana) from EBSCO Information Services India Pvt.Ltd on "Inspiring Research and Innovation Using IEEE Publications" on 25th Oct 2021.
- A webinar was conducted on "Python for Electromagnetics" by Dr. Ayesha Naaz, Prof. ECE Dept. on 26th August 2021.
- A Session on Practices in High-Quality SCI/Scopus Journal Publications was conducted by Mr.Md Zahed Mustafa Khan Asso.Prof at King Fahad University and Founder of Optoelectronics Research Laboratory sensing on 30th July 2022.




**Department of Electronics and Communication Engineering**  
**Muffakhmjah College of Engineering and Technology [MJCET]**  
 and  
 Student Chapter of IEEE Robotics Society, MJCET  
 In Collaboration with Institutions' Innovation Council, MJCET  
 Presents  
**Workshop on 3D- Printing and Rapid Prototyping**  
 24th to 25th August 2021







# One-week Hands-on Workshop on SoC Design(RTL -GDSII) Using Cadence Tools

The objective of this workshop was to equip the participants with necessary practical skills and encourage faculty and students to take up careers and research in this area. This workshop covered SoC Design (RTL -to-GDSII) on Cadence Tools. The use of Xcelium™ simulator to simulate and synthesize the design from RTL to Gates was shown. The use of Genus™ Synthesis Solution for digital implementation flow with Innovus™ Implementation was demonstrated.

## Expert Speakers on Latest Research topics

- Mohammad Fahim, Principal Engineer, Server SOC division AMD.
- Mohammed Mateen, Sr Lead Engineer, Qualcomm pvt Ltd.
- Kartik Kailas, Member of Technical Staff, AMD.
- Mohd Ishaq, Senior Emulation engineer, Intel, Hyderabad.
- Mir Riyazath Ali, Senior STA Designer, USA.
- Dr. M. A. Raheem, Assistant Professor, ECED, MJCET.
- Mamidi Nagaraju, Resource persons, Entuple Technologies, Bangalore.
- Abdul Majid, DFT Engineer Nvidia Hyderabad.
- Ghazi Ali, Verification Engineer. MiroSemi Hyderabad



FDP Coordinator: Dr. Mohammed Arifuddin Sohel, Professor and Head of Department ECED, MJCET.

FDP Co-Coordinator: Dr M.A. Raheem, Asst. Prof, ECED, MJCET



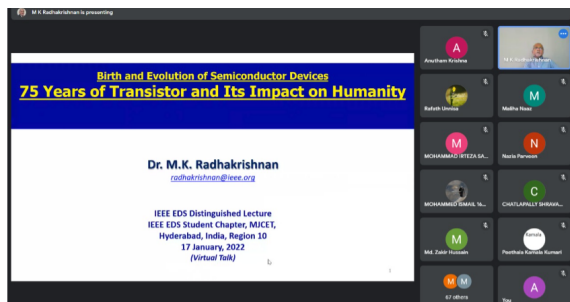
Bouquet presentation

# TECHNICAL BRIEF

Several events were organized under the aegis of student's professional chapters/societies such as Student Workshops, Technical Talks, Seminars, Guest Lectures, Coding Competitions, Technical Visits, and Student Conference.



- IEEE EDS MJCET organized a webinar on "Birth and Evolution of Semiconductor Devices: 75 Years of Transistor and its Impact on Humanity" by Prof. M.K.Radhakrishnan, Singapore on 17th Jan 2022.



*Dr. Radhakrishnan delivering a Distinguished Lecture on Birth and Evolution of Semiconductor Devices: 75 years of Transistors and its Impact on Humanity*

- IEEE EDS MJCET organized a webinar on "SPICE and Verilog-a Modelling Using Open Source Tools" by Dr. Wladek Grabinski on 25th January 2022.
- IEEE EDS MJCET organized a webinar on "Fundamental Insights into Channel and Gate Engineered Double-Gate Junction-Less Transistor" by Dr. Manoj Saxena, Prof. in Department of Electronics, DeenDayalUpadhyay a College (University of Delhi, NewDelhi) and Associate Editor-in-Chief of the IEEE EDS Newsletter on 23rd Feb 2022
- A webinar on "Wearable Electronics" was organized for the 2nd year ECE students on 3rd Dec 2021 by Ms.Maliha Naaz Asst Prof.ECED

- IEEE EDS MJCET organized a workshop on "Hands on Electronics" by Ms.Maliha Naaz for the 2nd-year ECE students on 4th Dec 2021.
- EDS Distinguished Lecture Talk on "Milli-bits to Tera-bits per second and Beyond – Over 60 Years of Innovation" by Dr.Renuka.P Jindal, Member of IEEE Board of Directors on 24th July 2021.
- IEEE EDS student branch MJCET organized a Professional event focused on Career Guidance and Mentoring of MJCET Students in collaboration with the CETI Foundation. The event was held on May 13, 2022.
- IEEE Hyderabad Section and Joint Chapter of Circuits and Systems and Electronic Devices Societies (CAS/EDS) organized a webinar on "Career Opportunities in Core Electronics Sector" by Sri. Hanuma Sai Vemuri, HAL, Dr.K.Subbarangaiah, VEDA, IIT, Dr.Madhav Pulipati, Head, Photonics Valley Corporation and Mr.M. Sunil, founder and CEO of BlueSemi R&D Pvt. Ltd.



*Mr. Syed Hamza Hydrri delivering a Technical Talk on "Embedded SIM (ESIM)"*

- A webinar session for ECE students was organized by IEEE EDS SB MJCET on the topic "Scientific Reading and Analysis" by Dr.Ayesha Naaz, Professor, ECED. The session was scheduled on 21st January at 3 p.m. and 70 candidates attended the event.





- IEEE CAS MJCET organized a 1-Day workshop on "Digital Twin" for the 3rd and final year ECE students on 5th Dec 2021.
- IEEE Hyderabad Section and Joint Chapter of Circuits and Systems and Electronic Devices Societies (CAS/EDS) organized a webinar on "Career Opportunities" by Sri. Hanuma Sai Vemuri, HAL, Dr. K. Subbarangaiah, VEDA, IIT, Dr. Madhav Pulipati, Head, Photonic Valley Corporation and Mr.M. Sunil, founder and CEO of Blue Semi R&D Pvt. Ltd on 26th June 2021.
- IEEE Circuits and Systems Society MJCET in collaboration with IEEE Robotics and Automation Society MJCET and Robotics Centre MJCET organized Tech - Talk on "VLSI Design flow" by Mr.Abdul Ahad, Senior physical design Engineer, Qualcomm, Hyderabad. Mr.Ahad is also MJCET Alumnus. The seminar was conducted in offline mode on 7th January 2022.



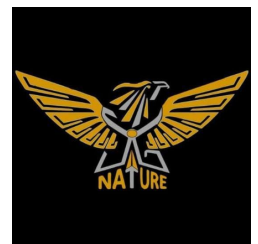
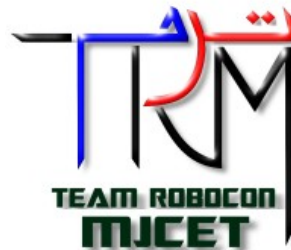
*Seminar on VLSI Design flow*



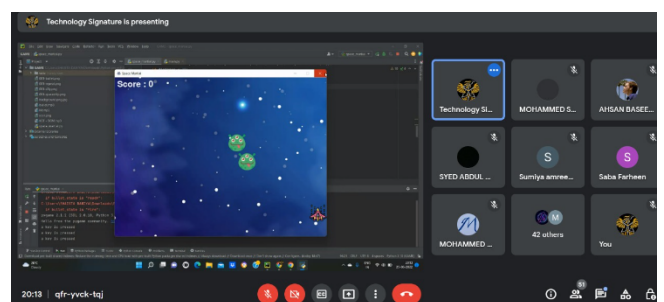
- IEEE MTT-S Vardhaman in association with MTT-S/AP- S/EMC-S Joint Chapter, IEEE Hyderabad Section Organized a webinar on "From Engineering Electromagnetic to Electromagnetic Engineering Teaching/Training Next Generations" by Professor, EMC TURKIYE on 20th Sep
- A webinar on "Python for Electromagnetics for the 2nd Year ECE Students by Dr. Ayesha Naaz, Prof.ECED.
- IEEE MTT Student Branch MJCET Organized A 3-day online FDP Workshop on "Advances in Microwaves and Antenna Technology", Resource persons. Dr. Aparajita Bndhopadhyay Dr. Mahesh Abegaonkar from IIT Delhi, Dr. Ayesha Naaz, Prof. ECE, Mrs.Nazeerunnisa,Sr.Asst. Prof. MJCET & Mrs.G.S.L.B.V.Prashanthi, Asst.Prof.MJCET on 11th, 12th & 13th Sept. 2021.



- IEEE Robotics and Automation Society (RAS) organized a Technical Talk on "AI and Robotics for Future" on Wednesday 3rd Nov 2021 by Dr.Arifuddin Sohel, Chair, IEEE RAS Chapter.
- IEEE Robotics and Automation Society (RAS) organized a webinar on "Advances in Drone Technology – Aerial Suspicious Event Detection using Scatter Nets" by Dr.Amarjot Singh, CEO and Founder of SkyLark Labs, San Francisco, US on 16th July 2021.
- IEEE MJCET WIE AG conducted a webinar on "Gender inequality: Can we question the norm" 25th June 2021.
- IEEE Education Society Chapter, Hyd. Section, in collaboration with IEEE WIE-AG, organized a webinar on "Revisiting our Teaching Philosophies in online Environs" on 22nd May 2021.
- IEEE WIE MJCET, conducted a "Book Donation Drive" for the students of Safdariya Girls High School on 19th November 2021.



- Team Robocon MJCET conducted a 2-Day online workshop on "APP DEVELOPMENT Using android studio" on 19th and 20th June 2021.
- TSIG, MJCET conducted an online workshop on "Front End Web Development" on 25th May 2021.
- The ECE department in collaboration with T-SIG conducted a 30 days training program "INTERPRENUER" from 25th April 2021 to 25th May 2021, aimed at polishing student's skills in web development domain in order to get an internship.
- TSIG MJCET conducted a 7-Days online workshop "THE PYWEEK" from 19th June to 26th June 2022.



*T-SIG Pyweek*

# NOTEBOOK DONATION DRIVE

IEEE Women In Engineering in collaboration with ECED conducted a "Notebook Donation Drive" for the students of Safdaria Girls High school. A total of 1170 notebooks along with stationery and atlas were donated to the school. The school had a total of 390 students. The books were distributed such that each student could get 3 notebooks, and stationery. We look forward to continuing our work and spreading the importance of Women's Education. We would like to thank all the branches of MJCET for actively donating books and making this drive a huge success.

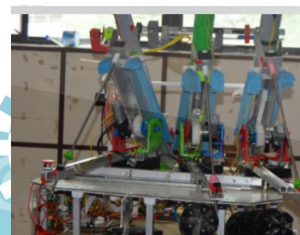


*Book donation drive*



# R & D PROJECTS

<b>Title</b>	Fabrication of Robo-soccer bots
<b>Departments</b>	ECED
<b>Investigators</b>	Prof. Mohammed Arifuddin Sohel, Mr. Hakeem Aeja Aslam
<b>Amount</b>	Rs. 2, 00, 000.00



ROBO SOCCER



<b>Title</b>	Smart Oxygen Concentrator
<b>Departments</b>	ECED
<b>Investigators</b>	Prof. Md. Arifuddin Sohel, Dr. Md. Abdul Raheem and Mr. Md. Muneeruddin
<b>Amount</b>	Rs. 49, 915.00

OXYGEN CONCENTRATOR

## PATENT



Dr. Ishrat Meera Mirzana, Dr. Kaleem Fatima and Mr. Mohammed Abdul Muqet successfully got patent for their work on "A Pneumatic Quadruped Robot and a Method of Preventing Accidents Thereof".

## FACULTY ACHIEVEMENTS

The Electronics and Communication Department of MJCET is proud to have not only students who do wonders but teachers too who stand as role models by achieving accolades and proving their determination towards the successful working of this esteemed institution.

- Dr. M. Mohammed Sabir Hussain, Associate Professor ECED received a Certificate of Excellence in Peer Reviewing in recognition of an outstanding contribution to the quality of journal from Asian Journals of Advances in Research, the area of research is design and verification of VLSI circuits using DFT schemes.
- Ms. Nazeer Unnisa, Sr. Assistant Professor ECED received the **BEST PAPER AWARD** from IEEE sponsored International Conference on Emerging Trends in Industry 4.0 in May 2021. The conference was held at Raigarh, Chattisgarh, India. Further, her research paper is accepted to be published in SCI Journal by Wireless Personal Communications, Springer. She has also received NPTEL Elite+ Gold medal certification thrice.
- Dr. Mohammed Arifuddin Soheli, Professor and Head, ECED has received Ambitions Awards for education 2022 in recognition of having met the highest standards of excellence in Best Faculty in ECE on 26th Mar 2022. This was awarded by the Ambitions Career Counsellors Hyderabad.



*Best paper award in IEEE International Conference on Emerging Trends  
in Industry 4.0*



Ambitions Awards for Education 2022



# CONGRATULATIONS TO ALL THE SAVVY MINDS!

We are honored and gratified by the accomplishments of our students who were competent with the students of various other colleges and were able to bagged the positions.

Anveshana is a platform where engineering students could collaborate with high school students to create innovative models to address real-life problems. The students of ECED participated and were able to secure two positions.

The first project was "G.L.O.W"(Gas leakage operator wireless) (AHE913) which got 5th position and a cash prize of 10,000 rupees.

Name of the College students:

- Mohammed Saad Ahmed (MJCET)
- Mohammed Abdul Rahman (MJCET)

School student:

- Nabeel Ahmed( 9th class, SUPS)



The second project was "Smart GPS Shoe Tracker (AHE931)" which got 4th position consolation and a cash prize of 5,000 rupees

Name of the College students:

- Mohammed Aadil (MJCET)
- Mohammed Saad(MJCET)

School Students:

- Syed Siddiq Shakir (SUPS)
- Emad sultan(SUPS)

Robocon (short for Robotic Contest) is organized by Asia-Pacific Broadcasting Union (ABU). Teams from engineering and technical colleges are eligible for participation. Participating Teams are expected to design and fabricate their own robots and organize their teams including an Instructor, Team Leader, Manual Robot Operator, and Automatic Robot Operator.

**Team ROBOCON MJCET held the First position in the state-level competition.**

Stanley College of Engineering and Technology organized a One-Day fest inviting various college for competition.

**Students of ECE MJCET participated in Hardware Design competition and achieved the first prize on 13th May 2022.**

- Shaik Nayeem(ECE) 3 rd year
- Mohammed Shahalam (ECE) 3rd year
- Ahmed (ECE) 3 rd year
- Masrath Sultana(Mech) 3rd year
- Maheen Tayyaba

**BELIEVE IN YOURSELF, WORK HARD AND MAKE IT HAPPEN**

## MEMORANDUM OF UNDERSTANDING (MoU)

The Electronic and communication department signs MoU's with industries, start-ups organization, and government agencies every year to provide a boost to entrepreneurial activity among students. This year ECED was able to successfully sign MoU with Vector India Pvt. Ltd on 24th May 2022 and also with Delta Digma Technologies on 4th March 2022.



Vector Institute is India's first ISO 9001:2015 certified embedded and VLSI system training institute that has won several awards and accolades for its exceptional endeavour in this field.



It is an Ed-Tech Startup with expertise in areas of Data Science, Machine Learning, Internet of Things, Robotics and VLSI Design. They cater to providing training at School Level, Engineering Level and Post-graduate Level.

# MISSION PLACEMENTS, ACCOMPLISHED!

## THE FIRST FLIGHT OF GLORY!!



SHAIK ABU ANZAR SAYEED  
7 PLACEMENTS



MOHAMMED ABDUL HAQ  
7 PLACEMENTS



GUNDLA SAI RITHVIK  
4 PLACEMENTS

S.NO	NAME	NO OF OFFERS		
1	Ayeman Fatima	1	22	Md. Zeeshaan Shaikh 1
2	Asfiya Jabeen	1	23	Mohd Adil Ahmed 1
3	Firdous Fathima	1	24	Mujtabaaddin Ahmed 1
4	Syeda Mehvish Anwar	3	25	Md Ibrahim 3
5	Asma Siddiqua	1	26	Mohammed Ahtesham Ali 1
6	Fareha Fatima	1	27	Mohammad Adil Parwez 1
7	Tahereen Rizvi	1	28	Syed Junaid Hussain 1
8	N.Aman Armaan Khan	2	29	Shaik Abu Anzar Sayeed 7
9	B Mohammed Sufiyan Ali	3	30	Syed Saquib Ahmed Syed Baray 1
10	Sohaib Jafri Syed	1	31	Naik Mohammed Muzammil 2
11	Mohammad Abdul Razaq Khan	1	32	Mohammed Shahzaib Ashher 1
12	Mohammad Taha	2	33	Shaeik Amanullah Shareef 2
13	Bilal Adnan Farooqui	2	34	Syed Mohd Arshad Hussain 1
14	Mohammad Ibrahim	1	35	Shaik Junaid 1
15	Mohd Ameer	2	36	Md Junaid 1
16	Syed Diraar Ahmed	1	37	Syed Gouse Moin 2
17	Muhammad Akbaruddin Anwar	1	38	Adeel Mohammed Sultan 1
18	N Mohammed Mudassir	2	39	Naser Khaled 1
19	N mohammed mustafa	2	40	Asma Nazeer 1
20	Abdul Raheem	2	41	Chatlapally Shravani 2
21	Mohammad Asif Ahmed	2	42	Mohammad Bushra Shereen 1
			43	Vathaluru Cheenareddy Gari Swe 2
			44	Satya Siva Sai Mrudula Chilukuri 2



45	Safia Wajeed	1	70	Mohd Abdul Khadar	4				
46	Sameeda Fatima	1	71	Mohd Asim Siddiqui	1				
47	Terala Vinuthna	3	72	Mohd Saeed Ali	1				
48	Thodupunoori.Aakanksha	2	73	Mohammad Yaseen	1				
49	Gundla Sai Rithvik	4	74	Kunamaneni Prathyusha	1				
50	Mohd Asaduddin	1	75	Ibrahim Mohammed Ilyas	1				
51	Syed Wahaj Ahmed Nizami	2	76	Muhammad Abrar	1				
52	Koushik Pushadapu	1	77	Shaik Akheel Ali	1				
53	Chapala Harsha Vardhan	1	78	Malik Abdul khader	1				
54	Syed Ali Hyder	1	79	Mohammed Saad Ahmed	2				
55	Mohammad Riaz	1	80	Syed Ashraf	1				
56	Anvith Paturu	2	81	Suvarna Sanjana	1				
57	Hamza Shah Khan	1	82	Syed Khaleel Hussain	1				
58	Abdul Rahman Bin Bahazeq	1	83	Gorli Leena Kiran	1				
59	Darapaneni Anutham Siva Krishn	1	84	Md Mubeen	2				
60	Mohammed Akbar	2	85	Shaik Sahera Begum	1				
61	Papulwar Om Dathatreya	2	86	Soha Salma	1				
62	Sai Mohith Chinnari	3	87	Syed Rahemath	1				
63	Mohammad Sameer	1	88	Hafsa Maryam	3				
64	Mohammed Salman Nawaz		89	Rida Fatima (M.E)	1				
65	Khaja Mohammed Faizuddin	1	<table><tr><td>NO.OF OFFERS</td><td>140</td></tr><tr><td>NO.OF STUDENTS PLACED</td><td>89</td></tr></table>			NO.OF OFFERS	140	NO.OF STUDENTS PLACED	89
NO.OF OFFERS	140								
NO.OF STUDENTS PLACED	89								
66	Mohammed Abdul Haq	7							
67	Syed Shayaan Ahamed	1	<p><b>"Success comes with efforts, and</b></p>						
68	Syed Muzammil	2							
69	Md.Shoaib	1							



*Students of ECED secured jobs during college placements drive*

## UNIVERSITY RANKS

S.No	Year	Position
1	2021	3,8,9
2	2020	1,5
4	2019	-
5	2018	1,2,4,5,9
6	2017	4,6,9
7	2016	1
8	2015	-
9	2014	5,6
10	2013	5,10
11	2012	1,8
12	2011	6,8
13	2010	1,2
14	2009	2,3

## ACADEMIC TOPPERS - 2022

### SECTION A



**Nida Zia**  
**9.13**



**Ayeman Fatima**  
**9.04**



**Md Sufiyan Ali**  
**8.99**

### SECTION B



**Md.Asad uddin**  
**9.16**



**C.Shravani**  
**9.05**



**Syed Ali Hyder**  
**8.95**

## Our Vision

To be recognized as a premier education center providing state of art education and facilitating research and innovation in the field of Electronics and Communication Engineering.

## Our Mission

We are dedicated to providing high quality holistic education in Electronics and Communication Engineering that prepares the students for successful pursuit of higher education and challenging careers in industry, R&D and academics.





# Institute Innovations Council (IIC) Activities

- An IIC Driven Activity was organized with title "Workshop on Intellectual Property Rights and IP Management for Start-up" on 09/06/2021 Timings: 10.30 AM-11:30 AM with Speaker: Mr. IrfanSadaq, Innovation Ambassador, MJCET.
- An IIC Driven Activity was organized with title "A Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs on 15/06/2021, Timings: 12.30 PM-1:30 PM with Speaker as Dr. Syed Ferhathullah Hussainy Dean Students Affairs & Mohammed Abdul Qader, Students Representative Internshala.MJCET
- A MIC Driven Activity was arranged with title "ToyHackathon Inauguration Ceremony with Speaker as Dr. Abhay Jere, Chief Innovation Officer, MoE, Innovation Cell. On 22/06/2021, Time : 9.00 A.M to10.00 A.M.
- A MIC Driven Activity was arranged with title "National Webinar on Research, Innovation & Ranking on MoE Innovation Cell –AICTE on 11/08/2021, Time : 10: 30 A.M With Speaker as Dr. Abhay Jere , Chief Innovation Officer, MoE, Innovation Cell. And Prof. Anil D. Sahasabuddhi Chairman AICTE, and 'Chief Guest' Dr. Rajkumar Ranjan Singh, Hon'ble Minister of State for Education and External Affairs, Govt. of India.
- A Self Driven Activity was conducted with title "A Webinar on Innovation and Design using Digital Twin, dated 23/08/2021, Timings: 2.00 PM-3:00 PM, Speaker: Dr. Mohammed Arifuddin Sohel President MJ-IIC and Head ECED, MJCET.
- A MIC Driven Activity was arranged with title as World Entrepreneurs Day Celebration (21st Aug- 24th Aug, 2021) Panel Discussion with Student/ Faculty/Staff Entrepreneurs On24/08/2021, Time: 2: 30 P.M to 3:30 P.M Speaker Mr. MohdSafwanHussain-CEO & Mr. ShaikFazil Ahmed-COO Evolvin Tech- A Developer Community.
- A Self Driven Activity was conducted with title "(Program Theme: Research and Innovation) 2-Days Workshop on Prototype/Process Design and Development – Prototyping with Application on "3D printing and Rapid Prototyping" on 24 & 25/08/2021 Timings: 2.00 PM-3:00 PM with Speaker Dr. Abdul Raheem, member MJ-IIC, Asst. Professor, ECED.
- A Self Driven Activity was conducted with title "(Program Theme: Research and Innovation) Session on Building an Innovation Fit for Market: Design of Oxygen Concentrator - Innovation and Implementation Challenges", on 27/08/2021 Timings: 11.00 AM- 12:00 PM with Speaker SimranWasu, Product Design Engineer, T Works, Government of Telangana, and Sharat Reddy, Sourcing Lead, T Works, Government of Telangana.
- A Self Driven Activity was conducted with title "(Program Theme: Start-Up) Telangana Startup Ecosystem-T Works", on 27/08/2021 Timings: 2.00 PM- 3:00 PM with Speaker: Sharat Reddy Sourcing Lead, T Works, Government of Telangana.
- To CelebrateIndia Startup Day, A Celebration Activity was conducted with title "Panel Discussion: Topic: Future of Drones in India: Startup Activities", on 25/10/2021, Timings: 2.30 PM- 3:30 PM, with Speaker: Mr. B. SiddhantDirector: Binford Research Labs Private Limited.
- A Celebration Activity was organized on "National Education Day" on15/11/2021 Timings: 2.00 PM- 3:00 PM Speaker: Dr. E. Vidya Sagar, Associate Professor, EED, Osmania University, Chairman, Board of Studies, Osmania University.
- For the National Science Day Celebration-2022 , a Celebration Activity was organized on the topic "Chemistry in Engineering" on 28/02/2022 Timings: 11.00 AM- 1:00 PM Speaker: Dr. P. Sarita Rajender, Head Department of Chemistry, Chairperson, BOS Chemistry, College of Engineering (Autonomous), Osmania University, Hyderabad.
- A Self Driven Calendar Activity was organized on "Program Theme: Innovation and Design Thinking in Team Environment" on 17/01/2022 Timings: 3.00 PM-4:00 PM Speaker: Ms. S. Shahar Banu, Asst. Professor MED, and Innovation Ambassador MJ-IIC.
- An IIC Driven Activity was organized on topic "Problem Solving and Ideation Workshop", on 30/11/2021, Timings: 2.00 PM-3.00 AM, Speaker: Dr. Mohd. Abdul Muqet, Associate Professor, EED, and Convener, MJ-IIC, MJCET.
- A Self Driven Activity, was organized on Theme "Insight into Electrical Vehicles", on 28/12/2021, Timings: 2:30 PM- 01:00 PM Speaker: Mr.G. Ravi Kiran, Innovation Ambassador and Member MJ-IIC, MJCET.
- A Self Driven Activity, was organized on Theme: Innovation, "Innovation and Design: Insight into Virtual Instrumentation.", on 03/12/2021 Timings: 12: 00 PM- 01:00 PM Speaker: Mr. Mohammed UmairQuadri, Innovation Ambassador and Member MJ-IIC, MJCET.
- A Self Driven Activity, was organized on topic "Intellectual Property Rights (Patents), on 08/09/2021, Timings: 10.00 AM-12:00 PM, Speaker: Mr. Bharat N Suryawanshi, Assistant Controller of Patents & Designs, New Delhi Govt. of India, &Dr. Ishrat M Mirzana, Incharge R&D, MJCET.
- An IIC Activity was organized on topic "My Story - Motivational Session by Successful Entrepreneur/Start-up founder" on 10/12/2021, Timings: 10.30 AM-11:30 AM, Speaker: Mr. B. Siddhant, Director: Binford Research Labs Private Limited.

- An IIC Driven Activity was organized with topic as “(Program Theme: Entrepreneurship), on Entrepreneurship Skill, Attitude, and Behavior Development” on 06/12/2021, Timings: 2.00 PM-3:00 PM, Speaker: Mr. Hashim Ali, Asst. Professor, Mechanical Engineering Dept., Member MJ-IIC, MJCET.
- A Self Driven Activity, was organized on topic (Program Theme: Entrepreneurship), “Entrepreneurship and Innovation as Career Opportunities”, 8/11/2021 Timings: 2.00 PM-3:00 PM, Speaker: Mr. Hashim Ali, Member MJ-IIC, MJCET.
- A Celebration Activity was organized with title as “A Session on Innovation Day Celebration” on 15/10/2021 Timings: 10.30 AM-11:30 AM Speaker: Mr. Umair Quadri, Innovation Ambassador, MJ-IIC
- A Self-Driven Activity, was organized on Webinar on Innovation and Design using Digital Twin On, 23/08/2021, Timings: 2.00 PM-3:00 PM, Speaker: Dr. Mohammed Arifuddin Sohel President MJ-IIC and Head ECED, MJCET.
- An IIC Calendar Activity was organized with (Program Theme: Innovation), on A Session on Design Thinking and Critical Thinking- With Example as Digital Twin”, on 04/01/2022, Timings: 2.00 PM-3:00 PM, Speaker: Dr. Mohammed Arifuddin Sohel, President MJ-IIC and Head ECED, MJCET.
- A Mentor- Mentee Activity was organized with title as “Workshop on Prototype/Process Design and Development – Prototyping: Application of 3-D Printing”, on 12/05/2022, Timings: 10.00 AM- 4.30 PM, Speakers: Dr. Arifuddin Sohel, President, MJ-IIC,

- A Mentor- Mentee Activity was organized with title as “Orientation cum Mentoring Session, on 22/04/2022, Timings: 2.30 PM- 3:30 PM, Speaker Dr. Mohd. Abdul Muqeet, Convener, MJ-IIC
- A Self Driven Activity was organized with topic (Program Theme: Startup), with title as A One Day Workshop on Start Up Revolution, 28/03/2022, Timings: 11.00 AM-3:00 PM, Speaker: Mr. Meraj Faheem, CEO, Adventure Park, CEO CODE.IN & Hacking School.



## ELECTRONICS AND COMMUNICATION

ECE Department is equipped with state of art equipment, avant-garde, voluble and seasoned faculty with abound experience. The students of the department secured top University Ranks and have set the record of highest campus placement offers. With a very active IEEE Student Branch and Robotics Club, the department has achieved international and national level awards and trophies.

Osmania University allots scholars to the research centre to pursue their Ph.D. Currently MJCET-ECE Research Centre has eight research scholars and two Junior Research Fellow (JRF's). A Ph.D was awarded in 2020 by Osmania University under the MJCET-ECE research centre



# FAREWELL BATCH OF 2022



*Abu Anzar Sayeed was felicitated for receiving 5 offer letters*



*Aman Arman sharing his journey of Engineering*



*Md Arshad and team built drone*



*Mr. Asad receiving the certificate of appreciation*



*Md Khadar presenting the Annual report*

The ECE Dept organized farewell June on 10th June 2022 in Ghulam Ahmed auditorium where students of 1st, 2nd & 3rd-year students along with the faculty of ECE bid farewell to the outgoing batch of 2022.

Students for their excellent performance in academic and extra circular activities were awarded.

Students with maximum attendance were also felicitated for their regularity to the classes.

The atmosphere of the auditorium was filled with nostalgia when the outgoing batch of students shared their journey of the past 4 years.

ECE is proud of batch 2022 which was able to receive the maximum number of offer letters during the campus placement drive. The faculty appreciated their efforts and achievements. Students were given a certificate of appreciation.

**"The Department of ECE wishes you all the very best for your future"**









# NEWSLETTER EDITORIAL COMMITTEE

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