



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (Deemed to be University)



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NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA

A Report on **Alumni Connect: Address to Second-Year Students** **"Emerging Trends in VLSI, IC Design, and Communication Technologies: Career Opportunities for ECE Students"** **Organized by School of Engineering (ECE, EEE, CE, MECH)** **In Association with Alumni Welfare Association** **on 18.07.2026.**

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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University under section 3 of UGC Act, 1956)
Organized by School of Engineering (ECE, EEE, CE, ME)
In Association with Alumni Welfare Association (AWA)
Alumni Connect: Address to Second-Year Students
Emerging Trends in VLSI, IC Design, and Communication Technologies: Career Opportunities for ECE Students
Resource person
MR. DANDURI KOTI REDDY
Scientist Society for Applied Microwave Electronics Engineering and Research (SAMEER)
Ministry of Electronics and Information Technology (MeitY), Government of India
Date: 18 July 2026 (Saturday) Time: 10:00 AM – 12:00 PM
Venue: Seminar Hall - A

Chief Patron		Patron		Program Chair		Co-Chairs	
Dr. N. Vijaya Bhaskar Choudhary, Ph.D	Founder & Chancellor	Mrs. Keerthi Nandela	Executive Director	Dr. C. Venkaj	Vice-Chancellor (I/C)	Dr. D. Pradeep Kumar	Dr. P. Rameshwarth
Convener(s)		Alumni Relations Officer		Coordinator(s)			
Dr. Dipankar Ray	Dr. Sanjay Kumar C. Gowre	Dr. G. Naga Swetha	Dr. Janmoni Barah	Dr. Simadhi Badhyaya	Dr. S. K. Nural Islam	Mr. G. Chiranj Kumar	
Professor & Dean School of Engineering	Professor & Head, ECE	Assistant Professor Department of ECE	Assistant Professor Department of ECE	Assistant Professor Department of ECE	Assistant Professor Department of ECE	Assistant Professor Department of ECE	



Report Submitted by: Mr. G. Charan Kumar, Assistant Professor and Alumni Coordinator Department of ECE.
Report Received on 29.07.2026.
Mode of Conduct: Offline

The School of Engineering (ECE, EEE, CE & ME), MITS Madanapalle Institute of Technology & Science (Deemed to be University), in association with the Alumni Welfare Association (AWA), successfully organized an Alumni Connect: Address to Second-Year Students on the theme "Emerging Trends in VLSI, IC Design, and Communication Technologies: Career Opportunities for ECE Students" on 18 July 2026 (Saturday) from 10:00 AM to 12:00 PM at Seminar Hall – A.

The primary objective of the program was to introduce second-year engineering students to the latest technological advancements in VLSI, IC Design, and Communication Technologies while creating awareness about the diverse career opportunities available in the semiconductor and electronics industries. The event also aimed to strengthen alumni–student interaction by enabling students to learn from the experiences of a successful alumnus working in a premier Government of India research organization.

Welcome Address

Dr. Sanjay Kumar C. Gowre, Professor & Head, Department of Electronics and Communication Engineering, warmly welcomed the distinguished resource person, university dignitaries, faculty members, alumni representatives, and second-year students to the Alumni Connect: Address to Second-Year Students on the theme "Emerging Trends in VLSI, IC Design, and Communication Technologies: Career Opportunities for ECE Students."

In his address, Dr. Sanjay Kumar C. Gowre emphasized the growing significance of the semiconductor and electronics industry in driving technological innovation and economic growth. He highlighted that this is an opportune time for engineering students to build strong fundamentals in VLSI, IC Design, Embedded Systems, and Communication Technologies while developing problem-solving, analytical, and communication skills to meet industry expectations.

He extended a warm welcome to **Mr. Danduri Koti Reddy, Scientist, Society for Applied Microwave Electronics Engineering and Research (SAMEER), Ministry of Electronics and Information Technology (MeitY), Government of India**, and expressed his sincere gratitude for accepting the invitation to share his valuable expertise and professional experiences with the students. He noted that interactions with accomplished alumni provide students with practical insights into emerging technologies, research opportunities, and career pathways in both industry and government organizations. Dr. Sanjay Kumar C. Gowre also appreciated the continuous support of the **Alumni Welfare Association (AWA)** in organizing alumni interaction programs that strengthen the connection between former students and the institution while creating meaningful learning opportunities for the current generation of engineering students.



Addressing the participants, he encouraged students to actively engage in the session, interact with the resource person, and make the most of the guidance offered. He advised them to focus on continuous learning through internships, technical certifications, research projects, and hands-on experience with modern EDA tools and emerging technologies. He concluded his welcome address by expressing confidence that the session would inspire students to prepare themselves for successful careers in the rapidly evolving semiconductor and communication technology sectors.

Dr. Vijayakumar Natesan, Assistant Professor & Head, Department of Civil Engineering, delivered the welcome address by warmly welcoming the esteemed resource person, university administrators, faculty members, alumni representatives, and students to the program. He expressed his delight in organizing an event that aimed to equip students with the knowledge, skills, and confidence required to excel in their academic and professional journeys.

In his address, Dr. Vijayakumar Natesan emphasized that engineering education should go beyond academic excellence by fostering innovation, critical thinking, communication, teamwork, leadership, and ethical values. He highlighted that interactions with experienced industry professionals provide students with valuable insights into current industry practices, emerging technologies, and the competencies expected by employers.

Dr. Vijayakumar Natesan, Assistant Professor & Head, Department of Civil Engineering, delivered the welcome address by extending a warm welcome to the distinguished resource person, university dignitaries, faculty members, alumni representatives, and second-year students from the School of Engineering.



In his address, Dr. Vijayakumar Natesan emphasized the importance of alumni interaction in bridging the gap between academic learning and industry expectations. He stated that alumni serve as role models for students by sharing their professional experiences, career journeys, and practical knowledge, thereby inspiring young engineers to pursue excellence in their chosen fields.

He highlighted that the session on **"Emerging Trends in VLSI, IC Design, and Communication Technologies: Career Opportunities for ECE Students"** would provide valuable insights into the rapidly evolving semiconductor and electronics industries. He encouraged students to strengthen their technical fundamentals, develop problem-solving abilities, acquire industry-relevant certifications, and actively participate in internships, research projects, and technical competitions to enhance their employability.

Dr. Manavaalan Gunasekaran, Associate Professor & Head, Department of Electrical and Electronics Engineering (EEE), warmly welcomed the distinguished resource person, **Mr. Danduri Koti Reddy**, Scientist, Society for Applied Microwave Electronics Engineering and Research (SAMEER), Ministry of Electronics and Information Technology (MeitY), Government of India, along with the dignitaries on the dais, faculty members, alumni, and students.

In his welcome address, Dr. Manavaalan highlighted the significance of organizing "**Alumni Connect: Address to Second-Year Students – Emerging Trends in VLSI, IC Design, and Communication Technologies: Career Opportunities for ECE Students.**" He emphasized that such alumni interactions provide students with valuable exposure to the latest technological advancements, industry expectations, and diverse career opportunities in the semiconductor and communication domains.

He encouraged the second-year students to actively participate in the session, interact with the resource person, and gain practical insights that would help them make informed career decisions. Dr. Manavaalan also appreciated the efforts of the **School of Engineering**, the **Department of Electronics and Communication Engineering**, and the **Alumni Welfare Association (AWA)** for organizing the event and strengthening the connection between alumni and current students.

Dr. S. Baskaran, Associate Professor & Head, Department of Mechanical Engineering, warmly welcomed the distinguished resource person, dignitaries, faculty members, alumni, and second-year students to the "**Alumni Connect: Address to Second-Year Students – Emerging Trends in VLSI, IC Design, and Communication Technologies: Career Opportunities for ECE Students**" organized by the School of Engineering in association with the Alumni Welfare Association (AWA).

In his welcome address, Dr. Baskaran emphasized the significance of interdisciplinary learning and the growing convergence of Mechanical, Electrical, Electronics, and Computer Engineering in modern technological advancements. He highlighted that emerging fields such as VLSI, semiconductor technology, embedded systems, and communication technologies are creating exciting career opportunities for engineering graduates across disciplines.

He appreciated the presence of the distinguished resource person, **Mr. Danduri Koti Reddy**, Scientist at the Society for Applied Microwave Electronics Engineering and Research (SAMEER), Ministry of Electronics and Information Technology (MeitY), Government of India, for taking the time to share his valuable industry knowledge and professional experiences with the students.

Dr. P. Ramanathan, Principal, MITS Deemed to be University, extended a warm and cordial welcome to the distinguished resource person, dignitaries on the dais, faculty members, alumni, and students assembled for the "**Alumni Connect: Address to Second-Year Students – Emerging Trends in VLSI, IC Design, and Communication Technologies: Career Opportunities for ECE Students**" organized by the School of Engineering in association with the Alumni Welfare Association (AWA).

In his welcome address, Dr. Ramanathan emphasized the vital role of alumni in bridging the gap between academia and industry. He highlighted that interactions with successful alumni and experts from premier research organizations provide students with valuable insights into the latest technological advancements, industry expectations, and emerging career opportunities. He encouraged students to cultivate technical competence, innovation, problem-solving skills, and lifelong learning to excel in the rapidly evolving semiconductor and electronics sectors.

He expressed his appreciation to the distinguished resource person, **Mr. Danduri Koti Reddy**, Scientist at the Society for Applied Microwave Electronics Engineering and Research (SAMEER), Ministry of Electronics and Information Technology (MeitY), Government of India, for sharing his expertise and inspiring the students with his professional journey and insights into VLSI, IC Design, and Communication Technologies.

Dr. Ramanathan also congratulated the School of Engineering, the Department of Electronics and Communication Engineering, and the Alumni Welfare Association for organizing such a meaningful and career-oriented program. He encouraged the students to actively engage in the session, interact with the expert, and utilize the opportunity to broaden their knowledge and prepare themselves for future challenges in the engineering profession. He concluded his address by conveying his best wishes for the grand success of the event and for the bright future of all the participating students.

The keynote address was delivered by **Mr. Danduri Koti Reddy, Scientist, Society for Applied Microwave Electronics Engineering and Research (SAMEER), Ministry of Electronics and Information Technology (MeitY), Government of India**. During his session, he provided an overview of the rapidly expanding semiconductor ecosystem in India and discussed the increasing demand for skilled engineers in VLSI Design, IC Fabrication, Physical Design, Verification, Embedded Systems, RF and Microwave Engineering, and Advanced Communication Technologies.

Mr. Koti Reddy highlighted the impact of national initiatives in semiconductor manufacturing and electronics system design and encouraged students to develop expertise in core electronics subjects, programming, digital design, and EDA tools. He emphasized the importance of continuous learning through industry-recognized certifications, internships, technical projects, hackathons, and research activities to remain competitive in the evolving job market.

The resource person also shared his professional journey and explained the recruitment process, skill expectations, and career opportunities available in organizations such as **SAMEER, MeitY**, public sector organizations, research laboratories, and leading semiconductor industries. He motivated students to strengthen their analytical thinking, communication skills, teamwork, and innovation while maintaining a strong academic foundation.

The interactive session provided students with an opportunity to clarify their queries regarding higher education, career planning, government research organizations, placement preparation, and emerging technologies. The practical insights shared by the resource person inspired students to pursue careers in advanced electronics and communication engineering. The event was organized under the guidance of the university leadership. **Dr. N. Vijaya Bhaskar Choudary**, Founder & Chancellor, served as the **Chief Patron**. **Mrs. Keerthi Nadella**, Executive Director, and **Sri. N. Dwarakanath**, Pro Chancellor, were the **Patrons**. **Dr. C. Yuvaraj**, Vice-Chancellor (I/c), served as the **Program Chair**, while **Dr. D. Pradeep Kumar**, Registrar (I/c), and **Dr. P. Ramanathan**, Principal, served as the **Co-Chairs**.

The program was convened by **Dr. Dipankar Roy**, Professor & Dean, School of Engineering, and **Dr. Sanjay Kumar C. Gowre**, Professor & Head, Department of ECE. The event was coordinated by **Dr. G. Naga Swetha**, Assistant Professor & Alumni Relations Officer, along with **Dr. Janmoni Borah**, **Dr. Simadri Badatya**, **Dr. S. K. Nurul Islam**, and **Mr. G. Charan Kumar**, Assistant Professors, Department of ECE.

The program concluded successfully with an engaging interaction between the resource person and the students. The participants expressed their appreciation for the informative session, which enhanced their understanding of emerging technologies and provided valuable guidance on preparing for rewarding careers in the semiconductor and communication industries. The event strengthened the bond between alumni and students while motivating the participants to build the technical and professional competencies required for future success.

Vote of Thanks by Dr. G. Naga Swetha:

Dr. G. Naga Swetha, Alumni Relation Officer, proposed the vote of thanks. She expressed sincere gratitude to:

- **Dr. N. Vijaya Bhaskar Choudary**, Founder & Chancellor for his continuous support in fostering a strong alumni ecosystem and promoting lifelong association with the University.
- **Shri. N. Dwarakanath**, Pro Chancellor for providing excellent facilities and continuous support.
- **Mrs. Keerthi Nadella**, Executive Director for spearheading student upskilling, leadership development, and holistic growth initiatives. For upgrading the students
- **Dr. C. Yuvaraj**, Vice Chancellor (In-charge), for his visionary leadership, strategic guidance, and unwavering support towards the progress of the University.
- **Dr. D. Pradeep Kumar**, Registrar (In-charge), for administrative support and coordination
- **Dr. P. Ramanathan**, Principal, for encouraging such career development initiatives
- **Dr. D. Dipankar Roy**, Dean, School of Engineering, for his guidance and support
- **Dr. Sanjay Kumar C. Gowre**, Professor & Head, Department of ECE, for his constant encouragement and departmental leadership
- **Mr D Koti Reddy** has shared his valuable experience about the Antenna VLSI Communication and how to crack the GATE
- **Faculty members** of the ECE department for their support in organizing the event
- **Students** for their enthusiastic participation and engagement

She acknowledged the management of MITS Deemed to be University for providing the platform and resources necessary for organizing such beneficial programs that contribute significantly to student career development.



విద్యార్థులు నైపుణ్యాలు ప్రదర్శించాలి



మాట్లాడుతున్న
శాస్త్రవేత్త కోటిరెడ్డి

కురబలకోట, జూలై 18(ఆంధ్రజ్యోతి) : విద్యార్థులు నైపుణ్యాలు ప్రదర్శిస్తే మెరుగైన ఉపాధి అవకాశాలు సాధించవచ్చునని సొసైటీ ఫర్ ఆఫ్ డెవలప్మెంట్ ఎలక్ట్రానిక్స్ ఇంజనీరింగ్ అండ్ రీసెర్చ్ సంస్థ శాస్త్రవేత్త కోటిరెడ్డి పేర్కొన్నారు. మండలంలోని డీమ్స్ టు బి మిట్స్ యూనివర్సిటీలో శనివారం అలుమ్ని వెల్చేర్ అసోసియేషన్ సహకారంతో

ఈసీఈ విభాగం ద్వితీయ సంవత్సర విద్యార్థులకు ఎమర్జింగ్ ట్రెండ్స్ ఇన్ వీఎల్ఎస్ఐ, ఐసీ డిజైన్ అండ్ కమ్యూనికేషన్ టెక్నాలజీస్ కెరీర్ ఆపర్చునిటీస్ ఫర్ ఈసీఈ స్టూడెంట్స్ అనే అంశంపై అవగాహన కార్యక్రమం నిర్వహించారు. ఆయన మాట్లాడుతూ వీఎల్ఎస్ఐ, సెమీ కండక్టర్ టెక్నాలజీ, ఐసీడిజైన్, ఎంబెడెడ్ సిస్టమ్స్ ఆధునిక కమ్యూనికేషన్ రంగాలు వేగంగా అభివృద్ధి చెందుతున్నాయని, ఇందులో ఉద్యోగావకాశాలు ఎక్కువగా ఉన్నాయని తెలిపారు. ఆయా రంగాల్లో నైపుణ్యాలు ప్రదర్శిస్తే ఉజ్వల భవిష్యత్ సాధించవచ్చునన్నారు. విభాగాధిపతులు సంజయ్ కుమార్, గుణశేఖరజ్, విజయ్ కుమార్, భాస్కరన్, అలుమ్ని రిలేషన్స్ ఆఫీసర్ నాగశ్శేత పాల్గొన్నారు.