

TECHNICAL ACTIVITY CARRIED OUT BY CENTRES / OVERSEAS CHAPTERS

Name of Centre / Overseas Chapter:	Meerut Local Centre		
Title of Activity:	Engineers' Day		
Activity under Divisional Board (delete which are not applicable):	Statutory Day		
Date:	16-09-2023	Venue:	SCRIET, Meerut

(Insert photo)	(Insert photo)
	
Title of photo: Dignitaries on Dais	Title of photo: Audience in Seminar Hall

Brief Report (not exceeding 4000 characters)

56th Engineers' Day was celebrated in collaboration with Sir Chhotu Ram Institute of Engineering & Technology, Meerut in their seminar hall. The programme started with the lighting of lamp and presentation of bouquets to Chief guest and Speakers.

At the outset Er. V.C. Gupta past Chairman in absence of Chairman Er. M.L. Jain welcomed the guests, which included faculty and students of SCRJET and members of IEI.

Er. V.C. Gupta, FIE, retd. S.E. UPPCL gave presentation on life sketch of Bharat Ratna Sir M. Visvesvaraya and his contribution to the nation, as a great engineer, an efficient administrator, an eminent statesman, educationist, economist and social worker.

Two speakers delivered lectures on the theme for this year 'Engineering a Resilient Future: Building Stronger, Smarter, Safer'. Dr. Swati Singh, Associate Professor Deptt. of Applied Science, SCRJET, Meerut started her lecture with a brief introduction of resilient future and various concepts of it such as preparedness for change, adaptability, flexibility, innovations, technology etc, than smart, strong and safe elements into engineering solution and their impact with appropriate examples were discuss in detail. Next to it some key principles of resilience were explained namely resilient infrastructure, climate resilience energy and resource efficiency, diverse systems and adaptive urban planning. The pivotal role of an engineer in

changing and shaping the future in numerous ways was elaborated by taking three key areas into consideration. The chosen areas were technology advancements, healthcare innovation, space exploration and colonization. Transport revolution, communication urban development, biotechnology and genetic engineering are some of the major innovations that are transforming our world were explained thoroughly.

Ms. Nidhi Bhatia, Assistant Professor Deptt. of Computer Application discussed Natural Language Processing (NLP) that refers to Artificial Intelligence concerned with giving computers the ability to understand text and spoken words in much similar way human being can. NLP is a machine language technology that gives computers the ability to interpret, manipulate, and comprehend human language. NLP has its applications in Question Answering, Spam Detection, Sentiment Analysis, Machine Translation, Spelling Correction, Speech Recognition, Chatbot, Information Extraction, Text Summarization, Topic Modelling etc. She told that NLP has promising job opportunities for NLP engineers.

The Chief Guest of the programme, Dr. Niraj Singhal, Director, Sir Chhotu Ram Institute of Engineering & Technology, Meerut said that technology & development are beneficial only if used properly and in a planned manner. Unplanned development / construction in Himachal Pradesh resulted in disaster. Though beneficial, yet artificial intelligence is lessening power as well as necessity of creativity in human beings. The Chief guest and speakers were presented mementoes.

Er. R.P. Agrawal, Hony. Secretary, Meerut Local Centre presented the vote of thanks. News of the celebration of Engineers' Day was published in two leading news papers of Meerut on 17-09-2023.