



IEEE - MVSR STUDENT BRANCH  
Student Branch Code: 12161, School Code: 41329276



## A Guidance Program on Career Opportunities After Engineering

IEEE MVSR SB PES Student chapter in collaboration with the Department of Electrical and Electronics Engineering, MVSREC(A) & ACE Engineering Academy conducted a Guidance Program on Career Opportunities After Engineering for EEE students of MVSR Engineering College. This webinar is intended to help the students of EEE to choose their career by explaining the various career opportunities after completing their under graduation.

### Student Branch Mentor:

Dr. Atul Negi,  
Professor,  
School of CIS,  
University of Hyderabad

### Student Branch Advisor:

Dr. G. Kanaka Durga  
Principal and Professor,  
MVSR Engineering College.

### Student Branch Counsellor:

Dr. D. Hari Krishna,  
Associate Professor, EEE Dept.,  
MVSR Engineering College.

### Student Branch Executive Committee:

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### WIE Student Branch Advisor:

Mrs. A. Vijaya Vahini  
Assistant Professor, IT Dept,  
MVSR Engineering College.

### PES Advisor:

Dr. D. Hari Krishna,  
Associate Professor, EEE Dept.,  
MVSR Engineering College.

### CS student branch advisor:

Mrs. B. Saritha  
Associate Professor, CSE Dept.,  
MVSR Engineering College.

### CASS Student Branch Advisor:

Mrs. S. Aruna  
Assistant Professor, ECE Dept.,  
MVSR Engineering College.

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### Session Details:

**Date:** 10<sup>th</sup> May 2022

**Timings:** 06:45 pm to 08:15 pm

**Number of Participants:** 56

**Speaker for the session:** Mr. Pradeep Raghu is a Senior Faculty member of ACE Engineering Academy. He did his Master of Technology from the National Institute of Technology Warangal in Geomatics and Railway Engineering. He has been helping and guiding the student community with ACE Engineering academy since 2016. Mr. Pradeep Raghu interacted with many student batches since he joined the academy. He guided many students on the success path.



Maturi Venkata Subba Rao (MVSR) Engineering College  
(An Autonomous Institution)  
(Sponsored by Matrusri Education Society, Estd. 1980)  
Affiliated to Osmania University & Approved by AICTE



**IEEE MVSR  
Student Branch**

**IEEE MVSR SB PES Student chapter in collaboration with  
Department of Electrical and Electronics Engineering, MVSREC(A) &  
ACE Engineering Academy**



**PRESENTS**

**A GUIDANCE PROGRAM ON  
CAREER OPPORTUNITIES AFTER  
ENGINEERING**



**FACULTY COORDINATOR:**  
Dr. D. Harikrishna  
PES Advisor & SBC, IEEE MVSR SB

**STUDENT COORDINATORS:**  
Naga Sheshu - 7660888054  
Vandana - 6281851899



**6:45pm - 8:15pm  
10th May 2022**



**By  
ACE<sup>®</sup>  
Engineering Academy**  
Leading Institute for ESE/GATE/PSUs

Poster for the event

Mr. Dinesh Kumar, coordinator, ACE Engineering academy, started the session by welcoming the speaker, faculty coordinators, student coordinators, and the participants. He expressed that he is very happy to conduct the webinar with MVSR Engineering college and thanked everyone who made that possible. Mr. Dinesh then invited Mr. Naga Seshu to introduce the speaker to the audience. Mr. Naga Seshu, Secretary, IEEE MVSR SB PES Student Chapter, welcomed everyone to the session and gave a brief introduction of the speaker to the audience present in the session. He then welcomed the speaker to deliver the webinar.

**GATE 2021: Change in exam pattern**

The mode of examination is CBT (computer-based test). The total number of questions in the test amount to a total of 65. Out of the 65 questions to be asked in the paper, 55 questions will be attributed to technical and engineering mathematics and 10 questions are reserved for general aptitude. The questions will be divided into three major categories:

**MCQ ( Multiple choice questions)**

These will be objective in nature. One or two marks will be allotted to each question. Students will be given four probable answers to the questions to choose from, out of which only one will be correct. Candidates will be negatively marked and a total of  $1/3$  marks/points will be deducted for an incorrect answer of 1 mark question and  $2/3$  marks will be deducted for a wrong answer of a 2 marker question.

**NAT (Numerical answer type question):**

These are 1 or 2 mark questions. NAT requires a candidate to enter a number for the answer. The desired answer should be entered by a virtual numeric keypad and the range of the answer will be provided as well. Students are required to round off the answer at the end of the calculation. There is no negative marking for any wrong answer and there is no partial credit as well.

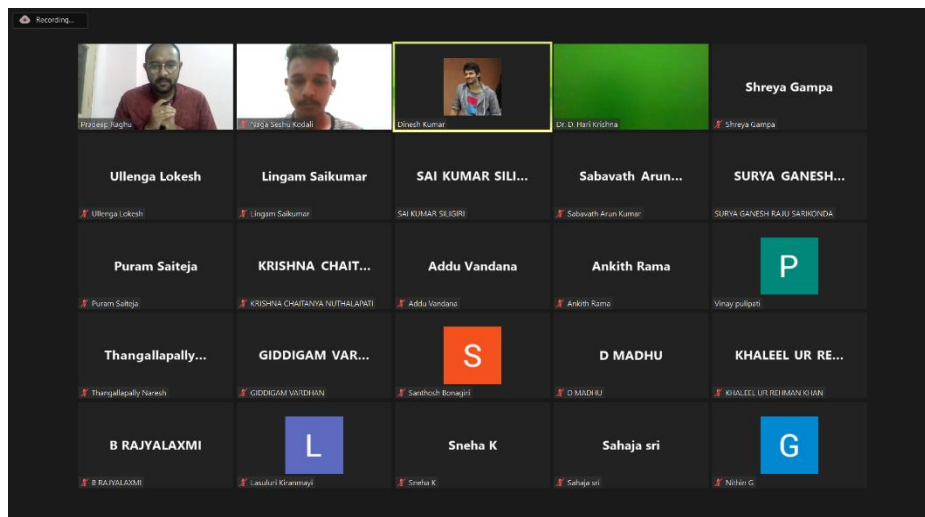
**Important subjects for GATE -EE**

Subject	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
General Aptitude	15	15	15	15	15	15	15	15	15	15
Engg. Maths	10	10	11	9	14	13	13	13	12	11
Electrical Machines	9	6	13	13	10	14	11	11	11	10
Electrical Machines & Control Systems	12	11	10	14	17	13	16	10	14	16
Power Systems	10	10	8	10	10	10	8	8	13	8
Power Electronics	12	8	10	9	10	9	10	12	9	11
Signals & Systems	11	12	7	7	10	8	9	10	9	11
Analog Electronics	7	8	7	6	5	5	5	6	8	8
Measurements	6	10	6	6	2	5	3	2	6	7
Digital Electronics & IAP	3	4	5	4	2	4	3	2	3	2
	5	3	6	6	4	3	5	4	3	2

**Pradeep Raghu**

**Mr. Pradeep Raghu delivering the webinar**

Mr. Pradeep Raghu firstly thanked the management for providing the opportunity to interact with the students and thanked the audience for attending the session. He started the session by presenting the various career opportunities available for the students after completing their under graduation. He shared that MTech is one of the opportunities to explore the subject and obtain in depth knowledge. He explained IITs and NITs offer MTech in various engineering disciplines every year and that admission will take place through the GATE exam. He explained about each university in detail and the courses and facilities they provide. Mr. Pradeep Raghu also said that undergraduates can directly get into various Public Sector Undertaking companies in India through GATE exam. He said getting employed in the PSUs is still a dream for many graduates. He also said companies like BARC use GATE score to shortlist candidates and call for the interview.

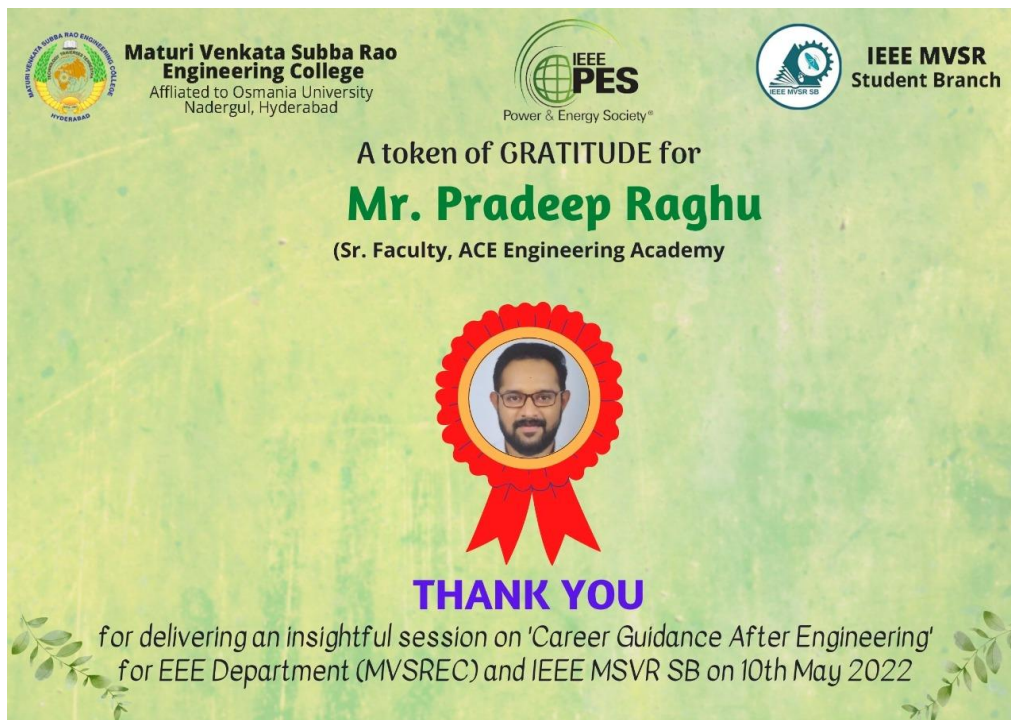


**A snapshot with the attendees**

Mr. Pradeep Raghu then started explaining about the Graduate Aptitude Test in Engineering (GATE) exam in detail, he said gate exam is conducted every year by top IITs taking turns. He said every year lakhs of aspirants attempt gate exam, there is no limit for number of attempts by aspirants. He then shared the number of papers in GATE exam and said a few more papers were added for GATE 2022 based on the demand. He explained the pattern of the GATE question paper, how the questions will be asked, and how to answer them. Later, he shared some statistics related to the cutoff score and top rankers score over the years. He also explained the Engineering Service Exam (ESE) and its importance.

Mr. Pradeep Raghu gave a brief introduction about ACE Engineering academy and about various courses they provide for the aspirants. He shared their success statistics and proudly presented their top rankers to the audience. He said this is high time and suggested everyone to start their preparation to crack the competitive exams. He wished all the best to the students and concluded the webinar. Later, the session is kept open for doubts. Mr. Pradeep Raghu cleared all the doubts of the audience.

Mr. Naga seshu summarised the session and invited Dr. D. Hari Krishna, Advisor, IEEE MVSR SB PES Student Chapter, to present virtual memento as token of gratitude to the speaker. Dr. D. Hari Krishna thanked Mr. Pradeep Raghu for taking the time to guide the students of MVSR Engineering college. He expressed he was very happy with the session and presented the memento to the speaker.



**Virtual Memento presented to speaker**

Vote of thanks proposed by Ms. Vandana, IEEE MVSR SB PES Student Chapter Treasurer, marked the end of the event.

**Reported By:**  
**IEEE MVSR SB**