



ERODE SENGUNTHAR ENGINEERING COLLEGE

(An Autonomous Institution)

Approved by AICTE, New Delhi, Permanently Affiliated to Anna University- Chennai,
Accredited by National Board of Accreditation (NBA), New Delhi &
National Assessment and Accreditation Council (NAAC), Bangalore with 'A' Grade
PERUNDURAI -638 057, TAMILNADU, INDIA.



DEPARTMENT OF MECHANICAL ENGINEERING ALUMNI INTERACTION REPORT

Career Opportunities in the Power Sector: Thermal, Geothermal & Oil and Gas Industries

Organized by	Department of Mechanical Engineering, Erode Sengunthar Engineering College (Autonomous), Perundurai, Erode
Date	07 August 2026 (Friday)
Time	2:30 PM – 3:30 PM
Mode	Online
Resource Person	Mr. Gopal R
Batch	2015 Batch – Mechanical Engineering
Designation	Construction Manager
Organization	Weld-Con Engineering Ltd., Kenya

**ERODE SENGUNTHAR
ENGINEERING COLLEGE**
(AUTONOMOUS) Perundurai, Erode - 638 057

Department of
MECHANICAL ENGINEERING

Alumni Interaction (Online Mode) 

**Career Opportunities in the
Power Sector :
Thermal, Geothermal &
Oil and Gas Industries**

Resource Person
Mr. Gopal R
Construction Manager
Weld-Con Engineering Ltd,
Kenya

**2015 BATCH**



 07.08.2026
Friday

 2.30 pm to
3.30 pm

 Mechanical
Smart Class Room

 **Thiru. G. Kamalamurugan,**
Correspondent, ESEC

 **Dr. V. Venkatachalam**
Principal, ESEC

 **Dr. N. Saravanan**
HoD / Mech

COORDINATORS

 **Mr. Chelladurai C**
AP / Mech.

 **Mr. Parthiban J**
AP / Mech.



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The Department of Mechanical Engineering, Erode Sengunthar Engineering College (Autonomous), Perundurai, Erode, organized an Alumni Interaction Programme in online mode on 07 August 2026. The session was titled "Career Opportunities in the Power Sector: Thermal, Geothermal & Oil and Gas Industries." The programme featured our distinguished alumnus Mr. Gopal R, 2015 Batch – Mechanical Engineering, who is currently serving as Construction Manager at Weld-Con Engineering Ltd., Kenya.

During the interaction, Mr. Gopal R shared his valuable industrial experience, professional journey and career insights with the students. He explained the various career opportunities available for Mechanical Engineering graduates in thermal power, geothermal energy, and oil and gas industries. He also discussed the roles and responsibilities of mechanical engineers in these sectors, essential technical skills, industry expectations, career growth opportunities, and the importance of practical and industrial exposure.

A significant part of the session focused on career preparation for engineering students and fresh graduates. The resource person emphasized the importance of creating and maintaining a strong LinkedIn profile as a professional platform. He explained how students can effectively showcase their academic qualifications, technical skills, projects, internships, certifications, achievements and co-curricular activities through LinkedIn. Students were also encouraged to build professional connections with industry experts, alumni, recruiters and organizations and to follow relevant companies and industry developments.

The resource person also explained the typical recruitment and selection process followed by companies for fresh engineering graduates. Students were given an overview of the different rounds that they may encounter during campus and off-campus recruitment, including resume/CV shortlisting, online aptitude tests, technical assessments, group discussions wherever applicable, technical interviews, HR interviews, managerial or final interviews depending on the organization, and document verification/pre-employment formalities.

He highlighted the importance of systematic preparation for every stage of the recruitment process, particularly strengthening core engineering fundamentals, aptitude and logical reasoning, communication skills, problem-solving ability, project knowledge, resume presentation and interview skills.

The interaction also highlighted the importance of practical exposure, industrial knowledge, continuous learning and professional networking for students aspiring to enter national and international organizations. The students gained valuable insights into employer expectations and the competencies required to successfully transition from engineering education to professional employment.

The session provided students with a better understanding of the power and energy sector, global career opportunities, recruitment practices and professional development strategies. The interaction with an alumnus working internationally served as an inspiration and encouraged students to prepare proactively for their future careers.

Key Takeaways for Students

- Build a professional and updated LinkedIn profile.
- Showcase projects, internships, certifications, skills and achievements online.
- Develop professional networking with alumni, industry experts and recruiters.



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- Prepare systematically for aptitude, technical, group discussion and interview rounds.
- Strengthen core engineering fundamentals and practical knowledge.
- Improve communication, problem-solving and presentation skills.
- Understand industry expectations and prepare for national and international career opportunities.

Programme Outcome

The Alumni Interaction Programme successfully enhanced students' awareness of career opportunities in the power sector and other core industries. Students gained practical knowledge about LinkedIn profile development, professional networking, recruitment rounds for freshers, resume preparation, technical and aptitude assessments, and interview preparation. The session motivated students to develop industry-relevant technical and professional skills and prepare confidently for national and international career opportunities.

Programme Coordination

Coordinators: Mr. Chelladurai C, AP/Mech. and Mr. Parthiban J, AP/Mech. | Guidance: Dr. N. Saravanan, HoD/Mechanical Engineering



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