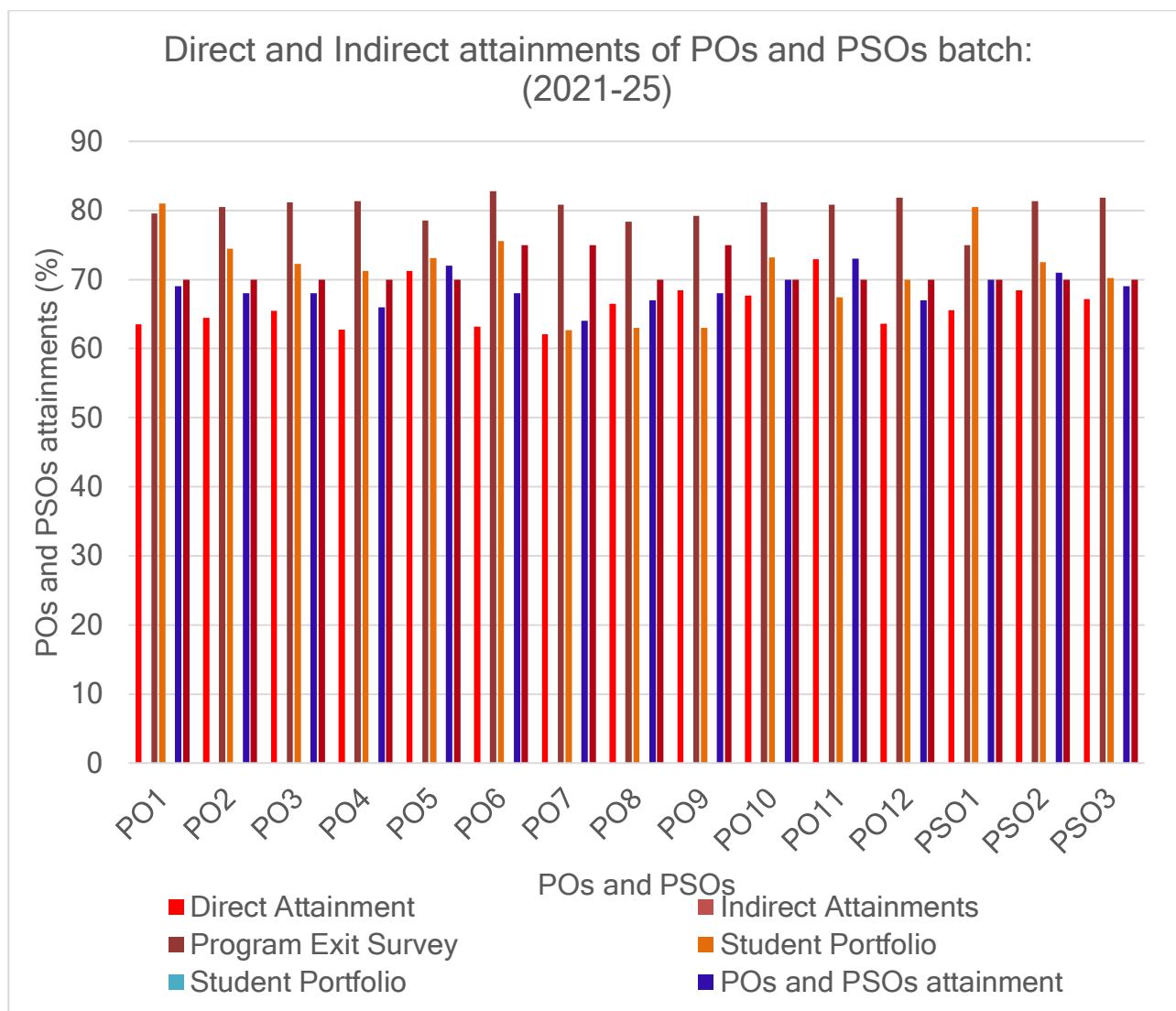


## Attainment of POs, PSOs & ATR

(Graduated Batch: 2025)

**Department: Mechanical Engineering**

S.No.	POs/ PSOs	Target (%)	Attainment (%)	ATR proposed to the next batch graduating students
1.	PO1	70	69	Tutorials are conducted and assignment questions are practiced considering the slow and medium level learners in the class.
2.	PO2	70	68	Analysis level questions are prepared and highlighted for some courses. Encourage the students in problem solving skills through internships.
3.	PO3	70	68	Project models are designed and fabricated. Show the designed models and inculcate them to develop new models in their project works. Provide the NPTEL video content resources on design and development of complex problems.
4.	PO4	70	66	Skill oriented courses on different domains to improve the interpretation of problem-solving skills. Inculcate the importance of data interpretation in laboratories and skill-oriented courses, mini projects, internships and projects are to be highlighted.
5.	PO5	70	72	Skill oriented course on C-Programming, Java Programming, Python Programming, Artificial Intelligence, Java Programming, CATIA, Unigraphics, Creo and ANSYS workshops are to be improved.
6.	PO6	75	68	Encourage the students to participate in social service activities, Intercollegiate participation in conferences, sports are to be improved. Quality community service-oriented projects are to be encouraged and participation in NSS activities and sports are to be encouraged.
7.	PO7	75	64	Encourage the students to develop the project models in the environmental domain. Encourage. the student activity workshops in environmental clubs must be improved.
8.	PO8	70	67	Ethical and soft skills, professional human values are to be conducted or organized. Data handbook usage importance in solving the engineering problems.
9.	PO9	75	68	Motivate the students for AICTE quality internships, in-house trainings individual course seminars, association activities are to be assigned to the students. Encourage the students to Cocurricular and Extracurricular activities are to be motivated.
10.	PO10	70	70	Alumni interactions must be done in classrooms to improve the communication skills. Soft skill, skill-oriented trainings are to be improved.
11.	PO11	70	73	Cost analysis is included in the project works. Show the video content lectures on Industrial Economics and Management are to be encouraged.
12.	PO12	70	67	MOOCs, Tutorial and assignment works are to be assigned to the students. Yoga practices are to be encouraged.
13.	PSO1	70	70	Thermal module workshops like Design of Electric vehicles are be conducted. Prepare the video content lectures in thermal stream module to improve PSO1 attainment.
14.	PSO2	70	71	Different teaching delivery methods on Industrial and Manufacturing sciences are to be encouraged.
15.	PSO3	70	69	Workshops/ Guest lectures on Solar, Design and fabrication-oriented model projects are to be conducted.



Various Programs/Events/workshops organized yearly for the students to strengthen the POs and PSOs to bridge the curriculum gaps.

Events organized for the students

<https://lbrce.ac.in/mech/mecheventsorganized.php>

#### **Club activities:**

Automobile Club

<https://lbrce.ac.in/mech/mechautomobileclub.php>

Robotic Club

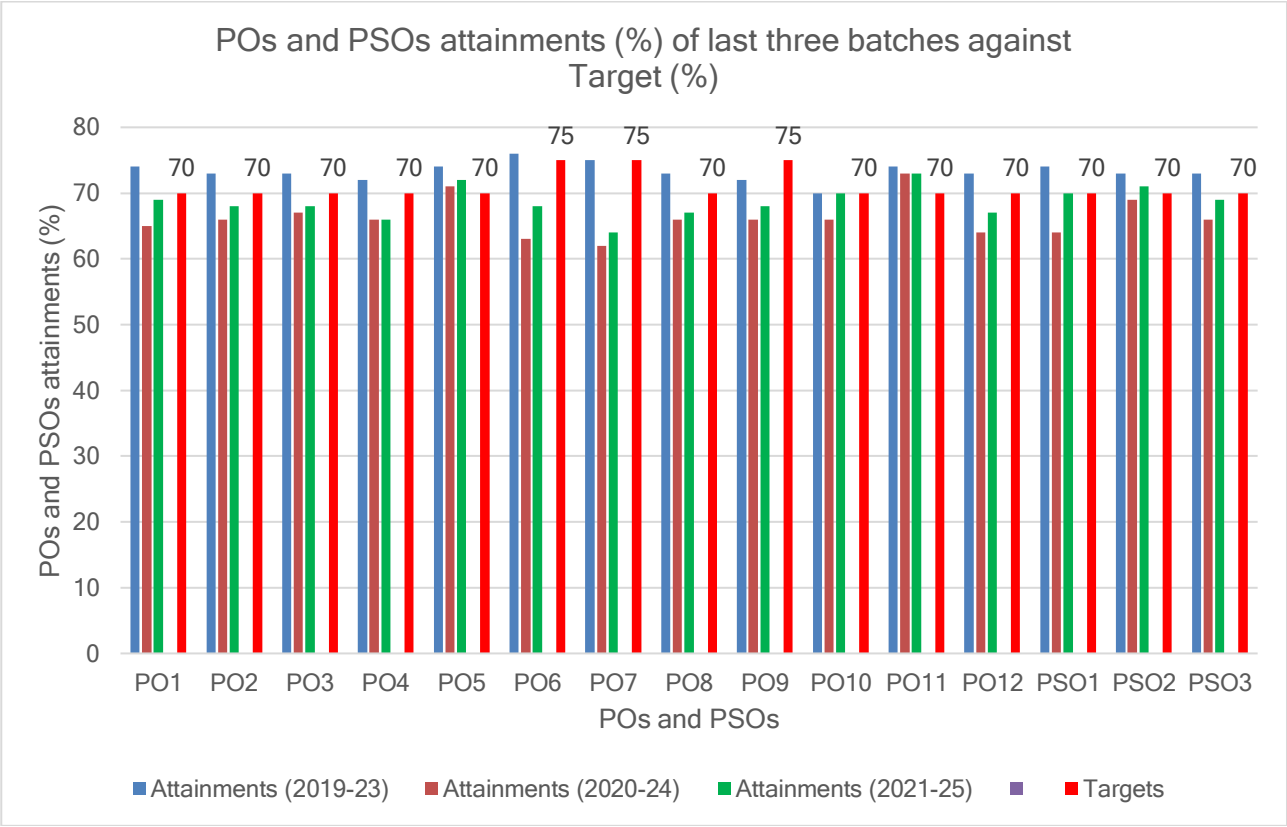
<https://lbrce.ac.in/mech/mechroboticsclub.php>

ISHRAE Activities

<https://lbrce.ac.in/mech/mechstudentchapterishrae.php>

ASME Activities

<https://lbrce.ac.in/mech/mechstudentchapterasme.php>



Date  
25-09-2025

Name & Signature  
HOD