

SAEINDIA Southern Section invites Undergraduate Mechanical Engineering Stream Students for the
National Level Competition on Reverse Engineering (NLCRE-2023)

Salient Features of the Training

- Training Facilitated by Industry Practitioners
- 100-hour Training Duration
- 16 Skills
- 4 Products for Training
- 5 Products for Practice

Important Dates

Team Registration Starts on	15-06-2023
Team Registration Ends on	31-08-2023
Training for Batch-01*	From 4-09-2023 to 9-09-2023
Training for Batch-02*	From 11-09-2023 to 16-09-2023
Training for Batch-03*	From 18-09-2023 to 23-09-2023
Training for Batch-04*	From 25-09-2023 to 30-09-2023
Training for Batch-05*	From 02-10-2023 to 07-10-2023
Training for Batch-06*	From 09-10-2023 to 14-10-2023
Project -1 - Report Submission	Before 30-10-2023
Project - 2 & 3 - Report Submission	Before 14-11-2023
Project - 4 & 5 - Report Submission	Before 30-11-2023
Final Event (tentative)	15-12-2023 & 16-12-2023

Scoring

Category	Particular	Score
Training	Report	100
	Presentation	100
Project	Report (5 Project * 200)	1000
Final Event	Part free hand sketch	100
	Assembly free hand sketch	50
	Bill of Materials & Mass Property Calculation	100
	Part Interface Matrix	50
	Functional Structure	50
	3D Part Modeling	100
	3D Assembly Modeling	100
	Dismantle & Assembly of Products	150
	Free Body Diagram	100
Total		2000

Lead Champion

Mr B Vasanthan
Assistant Professor
MIT Campus, Anna University
Chennai

Champion

Dr K Raja
Associate Professor
K.S.Rangasamy College of Technology
Tiruchengode

Champion

Dr M S Starvin
Assistant Professor
University College of Engineering
Nagercoil

16 Skills

- Part Free Hand Sketch
- Assembly Free Hand Sketch
- Bill of Material
- 3D Part Model
- 2D Part Drawing
- 3D Assembly Model
- 2D Assembly Drawing
- Data Sheet for Order to Specification
- Part Interface Matrix
- Free Body Diagram
- Functional Requirements
- 2D Layout Drawing
- Function Structure
- Part Photos
- Assembly Photos
- Mass Property Calculation

Team Size

Maximum 5 Members

Registration Fees

Rs 17,700/- (Includes GST)

Prizes Worth

Rs 50,000/-

Terms & Conditions

Participation Certificate will be provided to who complete the training & submit the project report and attend the final event. Individual performance and average team marks will be considered to award prizes