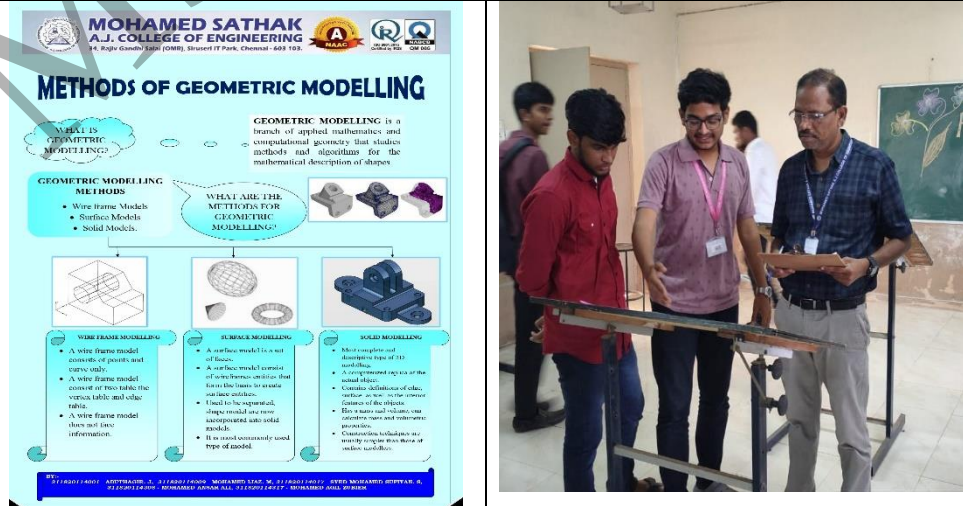




Department of Mechanical Engineering

Innovative Teaching Methods

Activity Title	Poster Presentation
Faculty Name/Department	K.K.Vinothkumar – AP/Mech
Mapped Course Name & Code	ME8691 – Computer Aided Design and Manufacturing
Date	24.02.2023
Benefitted Students (Year / Sem / Dept)	III / VI / Mech
Topics Name	Geometric Modelling
Description	- Students were asked to form groups - Each group is assigned with different topics on Geometric Modelling - All the students are asked to prepare Poster presentation and research on topic assigned. - Every student participated in presentation and students asked questions at the end of session.
Outcomes	CO2: understands the importance of Geometric modelling.
Performance Indicator (PI)	1.3.1
Mail ID (for review)	mech.vinothkumar@msajce-edu.in
Activity Photos	

Poster Presentation Topics/ Questions:

Topic : Geometric Modelling

Questions :

1. Method of Geometric Modelling
2. Representation of curves
3. Hermite curve- Bezier curve- B-spline curves
4. Parametric and Non-parametric Curves
5. Techniques for surface modelling
6. Bezier and B-spline surfaces
7. Solid Modelling Techniques - Constructive Solid Geometry
8. Solid Modelling Techniques – Boundary Representation

Marks:

Group	Reg.No & Students Name	Topic	Presentation (10)	Poster (10)	Total (20)
I	311820114001 - ABUTHAGIR. J 311820114009 - MOHAMED IJAZ. M 311820114017 - SYED MOHAMED SUFIYAN. S 311820114308 - MOHAMED ANSAR ALI 311820114317 - MOHAMED AGIL ZUBIER	Method of Geometric Modelling	9	8	17
II	311820114002 - ARUN. T 311820114010 - MOHAMED ILIYAS.S 311820114018 - UMAR JAFFAR ALI 311820114309 - MOHAMED ASIF M 311820114318 - PRABHU	Representation of curves	8	9	17
III	311820114003 - DINESH. M 311820114011 - MOHAMED ISMAIL. A 311820114302 - FATHEEN AHMED.M 311820114311 - MOHAMED MUFEED 311820114319 - SAHUBAR SATHIK N	Hermite curve- Bezier curve- B-spline curves	9	8	17
IV	311820114004 - IMTHIYAS. A 311820114012 - MOHAMED SATHAKATHULLA. M 311820114303 - HARIHARAN 311820114312 - MOHAMED SUHAIBU 311820114320 - SRIRAM.N	Parametric and Non-parametric Curves	9	9	18
V	311820114005 - MANIKANDAN. K 311820114013 - MOHAMMED MANSOOR. S 311820114304 - HASAN HAFIL 311820114313 - MOHAMED YAZIR 311820114321 - VASANTHA KUMAR. N	Techniques for surface modelling	8	9	17
VI	311820114006 - MOHAMED AFROSE. 311820114014 - SADHAM HUSSAIN 311820114305 - KIFAN SHAKLINE 311820114314 - MOHAMED THAISEER 311820114322 - VIJAY	Bezier and B-spline surfaces	8	8	16

VII	311820114007 - MOHAMED AJMAL A.R 311820114015 - SALMAN. S 311820114306 - KISHORE P 311820114315 - MOHAMED YUSUF A 311820114323 - YUVAN SAI V N	Solid Modelling Techniques - Constructive Solid Geometry	9	8	17
VIII	311820114008 - MOHAMED GHOUSE NAGUTHA. M 311820114016 - SHAIK YAHOPÉ. B 311820114307 - MOHAMED ANAS.M 311820114316 - MOHANRAJ.R 311820114701 - TAHA MAFAAZ	Solid Modelling Techniques – Boundary Representation	9	9	18

Outcomes:

Better understanding of geometric modelling techniques and representation of curves.

MSAJCE