

ACTIVITY REPORT FORMAT

1.	Name of Activity (Title)	Expert Lecture on Industrial Application of CAD Tools
2.	Type of Activity (FDP/Lecture/Technical/conference etc.)	Expert Lecture
3.	Name of department/ Section/ cell conducting the activity	Mechanical Department
4.	In coordination with (if any)	
5.	Date of conduct	28.08.2025
6.	Resource Person (if any)	Dr Krishan Kumar
7.	Name of Activity Coordinator (s)	Dr Bhaskar Nagar
8.	Amount Spent	--
9.	Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	--
10.	Target audience	Faculty members, research scholars and UG/PG students
11.	No. of beneficiaries	38
12.	Name of Outside guests	--
13.	Any other information	Dr Krishan Kumar delivered expert lecture on Industrial Application of CAD Tools and also give hands on practice on CATIA software to give a wide exposure of tools w.r.t. industrial requirements.
14.	Also attach two/ three good quality photographs	Photographs Attached

J. C. Bose University of Science & Technology, YMCA, Faridabad
 (A Haryana State Government University)
 Accredited 'A+' Grade by NAAC

Department of Mechanical Engineering
 organizes

Expert Lecture
 on
Industrial Application of CAD Tools

Aug 28, 2025 at 1:30 PM
 Venue: CAD Lab, 1st Floor, Mechanical Department



Speaker

SLt. (Dr.) Krishan Kumar
 Department of Mechanical Engineering
 JCBUST, YMCA, Faridabad

Coordinator

Dr. Bhaskar Nagar
 Department of Mechanical Engineering, JCBUST, YMCA, Faridabad

Faculty members, research scholars and UG/PG students are cordially invited

ROTATION TRANSFORMATION

$$R_x(\theta) = \begin{bmatrix} 1 & 0 & 0 \\ 0 & \cos\theta & -\sin\theta \\ 0 & \sin\theta & \cos\theta \end{bmatrix}$$



$$R_y(\theta) = \begin{bmatrix} \cos\theta & 0 & \sin\theta \\ 0 & 1 & 0 \\ -\sin\theta & 0 & \cos\theta \end{bmatrix}$$



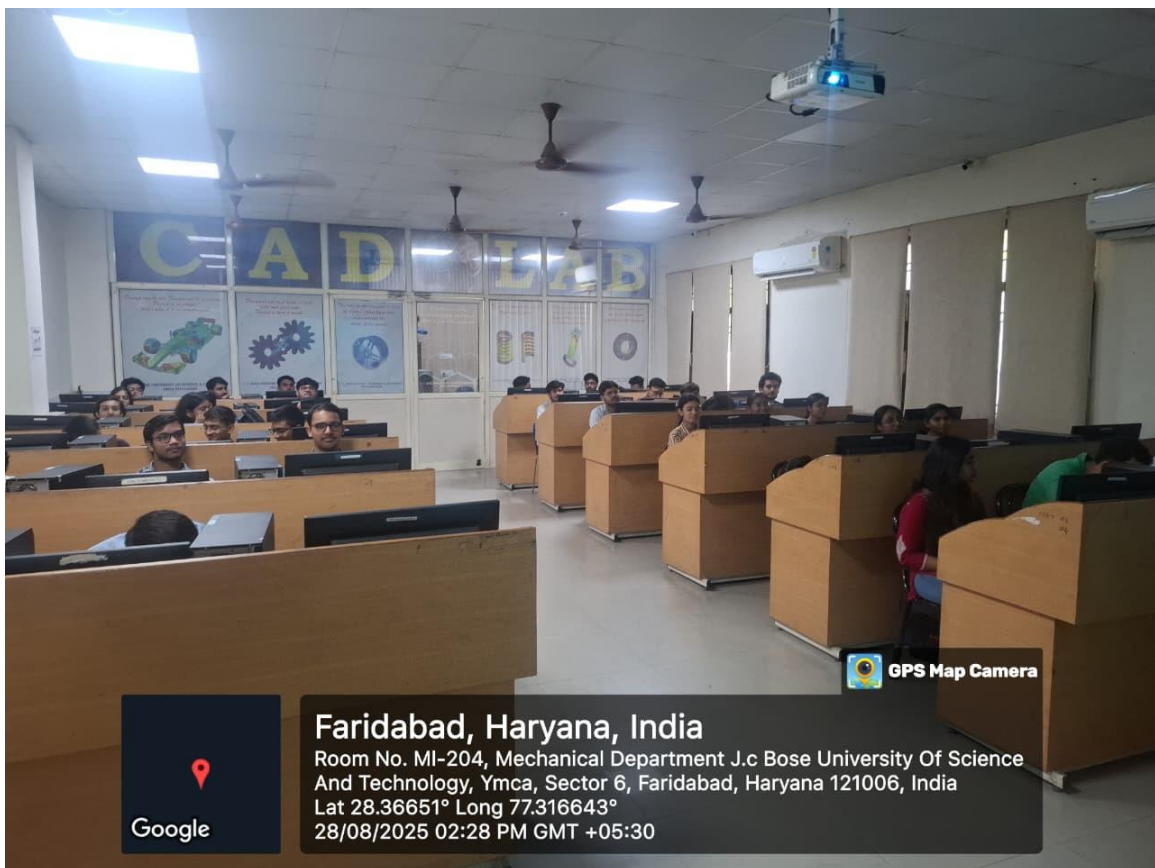
$$R_z(\theta) = \begin{bmatrix} \cos\theta & -\sin\theta & 0 \\ \sin\theta & \cos\theta & 0 \\ 0 & 0 & 1 \end{bmatrix}$$





Faridabad, Haryana, India

Room No. MI-204, Mechanical Department J.c Bose University Of Science And Technology, Ymca, Sector 6, Faridabad, Haryana 121006, India
Lat 28.366548° Long 77.31662°
28/08/2025 02:29 PM GMT +05:30



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Room No. MI-204, Mechanical Department J.c Bose University Of Science And Technology, Ymca, Sector 6, Faridabad, Haryana 121006, India
Lat 28.36651° Long 77.316643°
28/08/2025 02:28 PM GMT +05:30



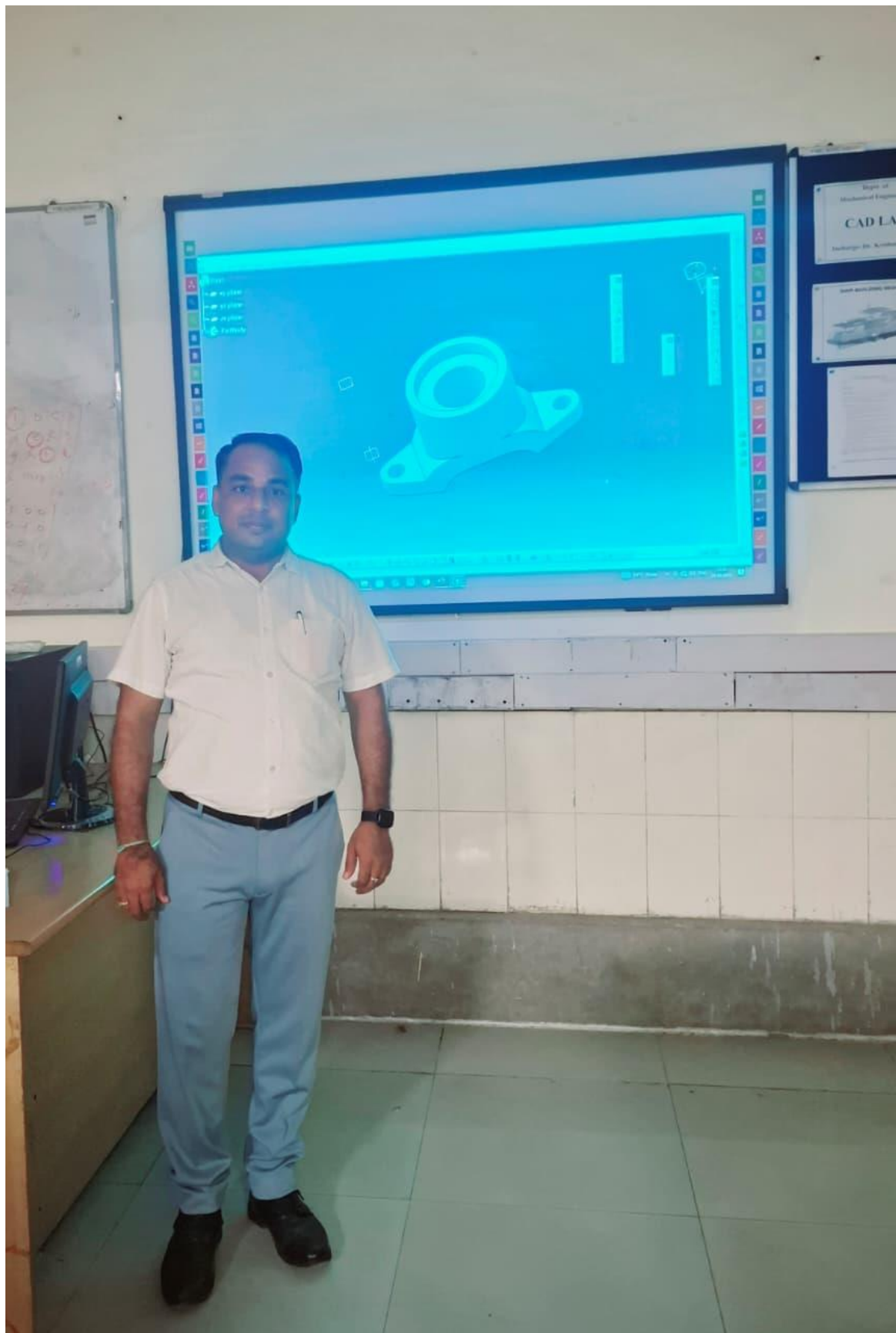
 **GPS Map Camera**

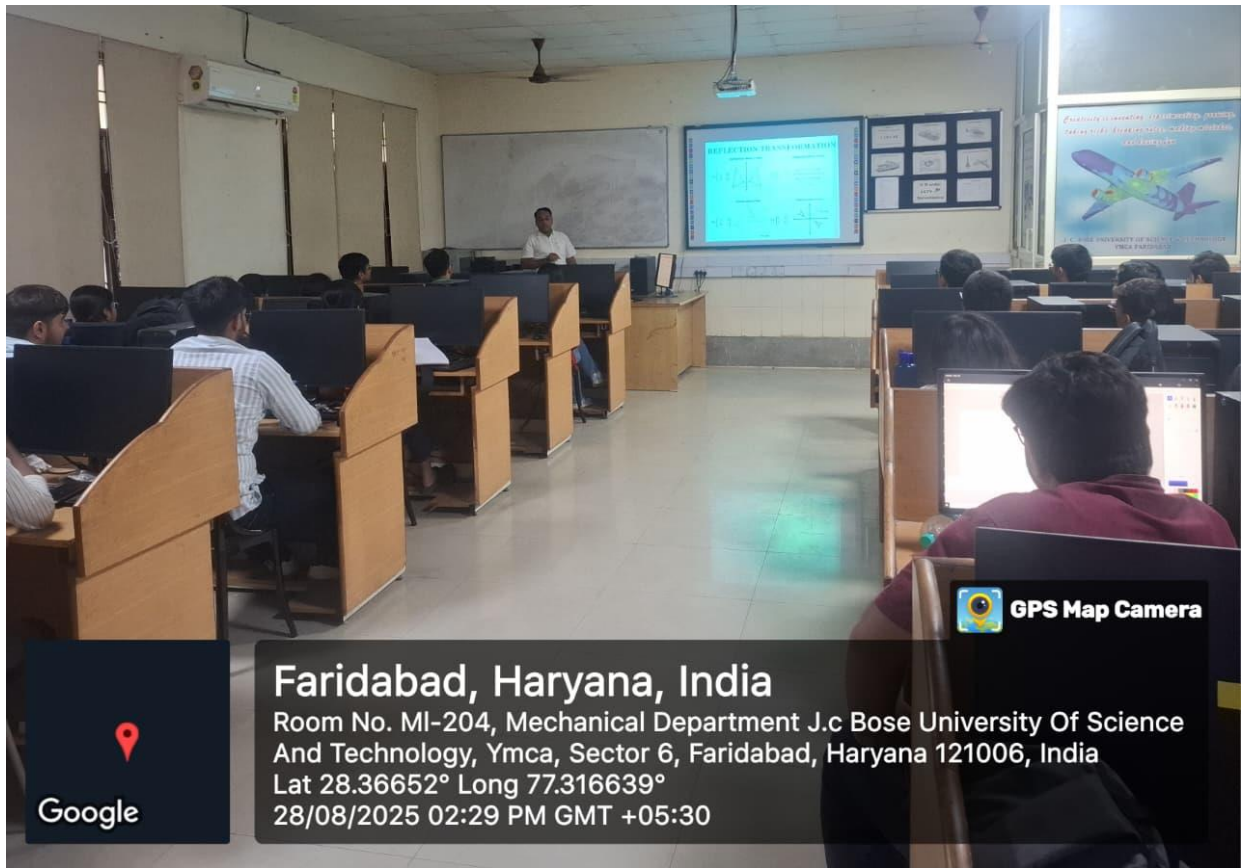


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