 MIT Academy of Engineering AN AUTONOMOUS INSTITUTE	REPORT ON WORKSHOP	
	ACADEMIC YEAR	2019-20
Alandi (D), Pune – 412105	SUBMITTED BY	Mr.Y.L.Maske
Department of Mechanical and Civil Engineering	CONDUCTED BY	Mr.Y.L.Maske
	DATE	13/10/2019 and 19/10/2019

Title-One day workshop on MechAnalyser software

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Venue –Prototype Lab (H002)

- One day workshop on Mechanalyser Software is organized on 13/10/2019 (Sunday) and 19/10/2019 (Saturday) at Mechanical Engineering Department in Prototype Lab H002 for faculties and student of Mechanical Engineering Department.
- **MechAnalyzer** is a 3D model based software developed for effective teaching and learning Mechanisms related courses.
- The workshop mainly focused on study of various planar and spatial linkages was covered in Mechanism Design, which is a basic course taught in the curriculum of Mechanical Engineering. Students learned the kinematic and dynamic equations to analyze different types of mechanisms.
- The workshop enabled students how to draw the cam profile and procedure for animation of cam profile.
- The students were able to draw the different inversion of Mechanisms also learned force analysis of Mechanisms, velocity and acceleration analysis of more than 10 mechanisms and cam profile with different followers.

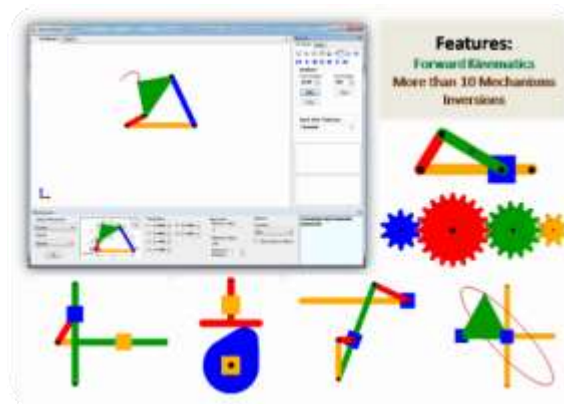


Fig. Features of Forward kinematics of Mechanisms

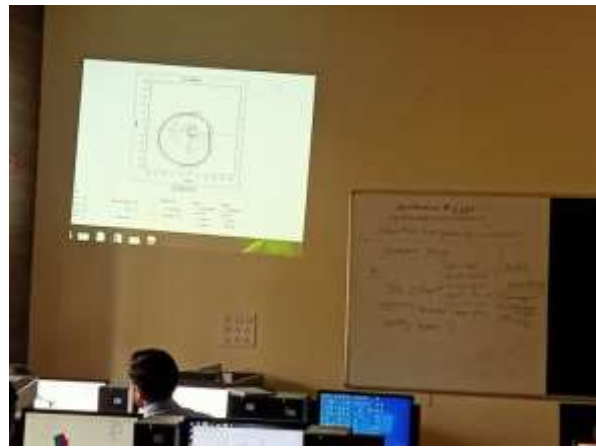
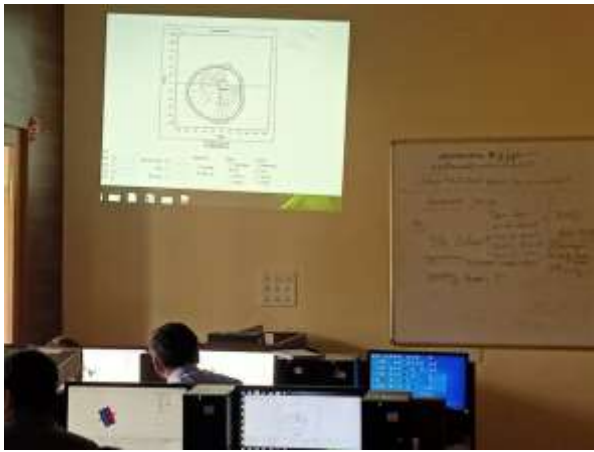
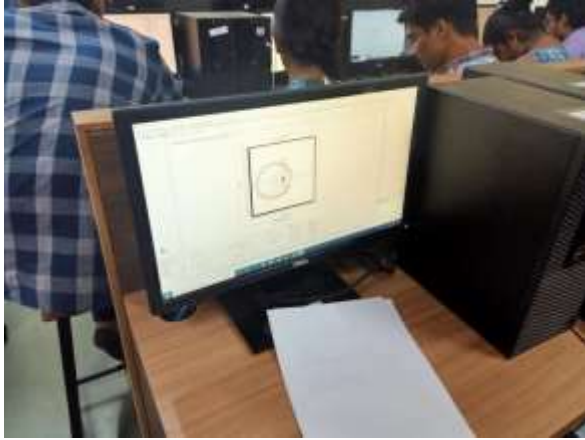


Fig. Hands on practice session on different modules

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