

MCET – SIEMENS Centre of Excellence for Digital Manufacturing

Activities 2023-24

Sl. No	Name of the Activity	Beneficiary	No. of Beneficiaries	Facilitator/Expert/Consultant/Faculty	Duration of course	From	To	Impact
1	Placement Training: Teamcenter PLM for Capgemini Engineering Drive	MCET Circuit Stream Students	40	Mr. M. Saravanakumar, Centre Manager	23 Days	02.08.2023	05.09.2023	13 students from circuit stream placed in Capgemini Engineering in PLM domain
2	Training: NX 1980 CAD Essentials	L&T Defence	13	Mr. M. Saravanakumar, Centre Manager Mr. M. Mahendran, AP/Auto	9 Days	17.08.2023	26.08.2023	Trained in Part, Assembly Modeling, Detailing, PMI, Synchronous Modeling, and Kinematic Simulation modules and deployed in Design team
3	Project: Optimal Layout of SACL Canteen using Siemens Tecnomatix Plant Simulation	SACL	10	Mr. M. Saravanakumar, Centre Manager	6 Months	Sep'23	Feb'24	Gain experience in simulating new layouts to optimize and reduce queues during lunch time, the peak hour with 3 shifts in 2 hours.
4	OCC: 19MEVC600 2 - Solid Modeling using NX CAD	MCET Students	27	Mr. K. Sasi Kumar, AP/Mech	ODD SEM 2023-24			Trained in 2D Sketches, Part Modeling, Introduction to Assembly and Detailing modules
5	Extra Credit Course: NX CAD	NPTC Students	20	Mr. M. Saravanakumar, Centre Manager	3 Days	16.09.2023, 23.09.2023 and 30.09.2023		Trained in 2D Sketches and Part Modeling
6	Winter Internship: NX 1980 CAD	NPTC Students	24	Mr. M. Saravanakumar, Centre Manager	11 Days	27.11.2023	09.12.2023	Trained in 2D Sketches, Part Modeling, and

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	Essentials							Detailing modules
7	Project: Optimization of planetary gearbox assembly process using Plant Simulation	Eppinger Tooling Asia Pvt Ltd.	1	Mr. M. Saravanakumar, Centre Manager	2 Months	Dec'23	Jan'24	Reduced assembly time by streamlining processes, resulting in increased productivity and efficiency gains
8	Online Training: Teamcenter 13.0 Basics and Advanced	MechiSpike Solutions Employees & 2 Final Year Students	16	Chandu Namuduri, Founder/Director, MechiSpike Solutions Mr. M. Saravanakumar, Centre Manager	4 Months	Dec'23	Mar'24	Teamcenter User training, 2-Tier Installation, Administration, BMIDE, Customization in RAC, ITK, and SOA
9	Training: NX 1980 CAD Essentials	L&T Defence	3	Mr. M. Saravanakumar, Centre Manager Mr. M. Mahendran, AP/Auto	9 Days (Thur, Fri & Sat)	04.01.2 024	20.01.2 024	Trained in Part, Assembly Modeling, Detailing, PMI, Synchronous Modeling, and Kinematic Simulation modules
10	Onsite Training: Tecnomatix Plant Simulation and Process Simulate at 3D Engg Automation LLP, Pune	Faculties and Students	6 (3 Faculties & 3 Students)	Mr. Sachin Jadhav, Application Engineer Mr. Mahesh Suradkar, Application Engineer	6 Days	29.01.2 024	03.02.2 024	Trained in Plant Simulation and Process Simulate basics with hands on exercises
11	Placement Training: Plant Simulation and Process Simulate	Final Year Mechanical	2	Mr. M. Saravanakumar, Centre Manager	2 Months	Jan'24	Feb'24	One student got placed in Promak Associates, CBE as Design Engineer
12	Project: Teamcenter PLM	Final Year Capgemini placed students	27	Mr. M. Saravanakumar, Centre Manager	1 Month	Mar'24		Facilitating the projects with industrial use cases has given real time

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								exposure to the students
13	Value Added Course: NX 1980 CAD Essentials	MCET and NPTC Students	17	Mr. M. Saravanakumar, Centre Manager	6 Months	25.03.2024	28.09.2024	Trained in 2D Sketches, Part, Assembly Modeling and Detailing modules