

ABOUT KIET GROUP OF INSTITUTIONS

'KIET Group of Institutions (KIET)' was established at Delhi-NCR, Meerut Road (NH-58), Ghaziabad, in 1998. It is an AICTE approved Institution and is affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow. Started with 180 students, the KIET Group of Institutions has become a pioneer in the technical education domain, with a strength of 5600+ students and a rich alumni base of 15000 + students spread across the world, which is a substantial growth in 22 years and empowered with 300+ highly qualified full-time faculty to nurture our students. KIET offers B.Tech Degree courses in nine disciplines and in addition M.Tech in four disciplines, MCA, MBA & Pharmacy (B.Pharm & M.Pharm) courses to meet varied aspirations of the students.



INSTITUTE'S CREDENTIALS

- MCA & Pharmacy Accredited by NAAC with Grade "A" for 5 years (Till 2021).
- NBA Accredited Courses: B.Tech (EN, ME, CSE, IT, ECE, CE), MCA, MBA & Pharmacy
- UPTU Academic Excellence Award for B.Tech, MBA & B.Pharm (Only Institute in UP)
- Achieving a place in the Band of 201-250 for Engineering discipline in National Institutional Ranking Framework (NIRF) -India Ranking 2020,
- Awarded Band 'A' Institution i.e. among Top 25 Institutions in the category of 'Private/Self-Financed College/Institutes' in ARIIA 2020 rankings.
- Centre of Automotive Mechatronics in collaboration with Mercedes-Benz India Pvt. Ltd..
- Technology Business Incubator (TBI-KIET) established in 2007 which provide funding and office space for young entrepreneurs.

BIESSE INDIA

BIESSE Group is an ITALY based MNC specializing in the wood working segment since 1968 and involved in designing, Manufacturing, and marketing of comprehensive range of technology and solutions for joiners and large furniture window doors and wood building components manufacturers. In recent years BIESSE has also been active in the plastic processing machinery sector, developing ad-hoc solution for the growing market.

BIESSE India having its tech centre at Nelamangala Bengaluru is sprawling space of 1000 square metres where all the modern amenities to accommodate the wide range of machinery are in place. From Edge Banding to CNC Nesting, as many as fifteen technologies are in display with each variant offering an innovative yet unique solution in the field of wood, glass, and advance material processing. Our dedicated training facility at the tech centre helps in educating customers regarding all the latest developments & trends.

CONTACT US

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CENTRE FOR

ADVANCE WOODWORKING

KIET GROUP OF INSTITUTIONS
CAD/CAM in Woodworking

AN SKILL DEVELOPMENT INITIATIVE IN ASSOCIATION WITH
BIESSE INDIA



"First Advanced Woodworking Centre in Northern India"

ABOUT THE CAW

The skill development is foundation of nation building and KIET Group of Institutions is committed for this from last two decades. To fulfill its commitment KIET Group of Institution have taken up many steps for skill development of youth. The recent skill development initiative is the joint venture of KIET GROUP OF INSTITUTIONS and BIESSE MANUFACTURING COMPANY PVT. LTD. in the form of "Centre of Advanced Woodworking (CAW)". The prime objective of the CAW is to impart the training to young professionals and to develop new entrepreneur in the highly disorganized woodworking industry with a concept of smart factory. To achieve the objective of CAW, Centre is having highly automated woodworking machinery and software to mitigate the requirement of industry in terms of technology and trained manpower.

CAW ADVANTAGES

- Hands on experience on advanced Woodworking Machines.
- Weekend classes for working professionals.
- Support from BIESSE Academy for all modules.
- Support from TBI -KIET for young entrepreneurs.

Course: The center of Advanced wood working offering a short term 66 hours course "CAD/CAM in Woodworking" this course is designed to impart the knowledge of CAD software BSolid, BCabinet and Opti-planning along with Modern machine tools being used in manufacturing of modular furniture with a concept of smart factory.

Eligibility Criteria: Any Engineering / Diploma / Science graduate and ITI in Carpentry/ furniture manufacturing with 2 years of relevant industrial experience in woodworking industry are eligible for admission to this course.

Course Fee: Rs. 15,000/-

Batch Size: 10

CERTIFICATION: After successful completion of the course, students will be awarded Certificate "CAD/CAM in Woodworking" jointly by KIET Group of Institutions and BIESSE India.



CAD/CAM in Woodworking

S.No.	Module	Contain	Time duration	Essential Software/Machines
1	CAD	Producing Geometry in Bsolid	6 hours	<ul style="list-style-type: none"> ➤ BSolid Software ➤ Bcabinet Software ➤ Opti-Planning Software
2		Generation of Loading of Programs	2 hours	
3		Adding & Editing Tool Paths	2 hours	
4		Tooling selection & feed speeds	2 hours	
5		Introduction B-Cabinet for cabinet manufacturing	6 Hours	
6		Introduction to Opti Planning	2 hours	
		Total	20	
7	CAM	Basic understanding of CNC Machine	4 hours	<ul style="list-style-type: none"> ➤ CNC Machining Centre ➤ Edge Banding Machine ➤ Beam Saw Machine
8		Global Homing of working spindle	2 hours	
9		Profile cut on panel using milling	4 hours	
		Slot cutting on panel	2 hours	
10		Drilling operation on panel	2 hours	
11		Selection of reference on machine	2 hours	
12		Work piece holding on Machine	2 hours	
13		Automatic and manual tool changing	2 hours	
14		Use of simulation for table tooling	2 hours	
15		Pendulum operation	2 hours	
16		Introduction to Edge-Banding	6 hours	
17	Cutting of panel using Opti- Planning cutting interface is OSI	6 hours		
		Total	36	
18		Project	10 hours	
		Total Course Duration	66 hours	