

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

- 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).
- Achieved 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.
- Technology Business Incubator (TBI-KIET) was established in 2007 which provides funding and office space for young entrepreneurs.
- CENTER of AUTOMOTIVE MECHATRONICS collaboration Mercedes-Benz India Pvt. Ltd.

BIESSE INDIA

Biesse Group is a global leader in the technology for processing wood, glass, stone, plastic and metal. Founded in Pesaro (Italy) in 1969, Biesse Group's wood division is involved in designing, manufacturing, and marketing of a comprehensive range of technology for joiners and large furniture manufacturers, window doors and wood building components manufacturers.

Biesse India is a direct subsidiary of Biesse Group and it boasts of its 30,000+ sqmt fully integrated world-class manufacturing facilities in Bengaluru capable of producing 1800+ with more than 700 employees. The machines manufactured here are exported to 60+ countries. Biesse India also has a 1000+ sqmt showroom in Bengaluru with 15+ advanced machines on demo with all the amenities to accommodate customers and woodworking enthusiasts from across the country.

CONTACT US

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CENTRE FOR

ADVANCED WOODWORKING



KIET GROUP OF INSTITUTIONS
Meerut Road, Delhi-NCR, Ghaziabad - 201206
CAD/ CAM in Woodworking

SKILL DEVELOPMENT INITIATIVE IN ASSOCIATION WITH
BIESSE INDIA



"First Advanced Woodworking Centre in Northern India"

ABOUT THE CAW

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

CAW ADVANTAGES

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

Course: CAW offers a short-term course (66 hours) "CAD/CAM in Woodworking". This course is designed to impart the knowledge of CAD Software Bsolid, Bcabinet and Opt-planning along with modern machines and tools being used in the manufacturing of modular furniture with concept of smart factory.

Eligibility Criteria: Any Engineering/Science Graduate, Diploma & ITI in Carpentry/ furniture manufacturing with 2 years of relevant industrial experience in the 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, BIESSSE India, and Furniture & Fittings Skill Council (FFSC).



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	