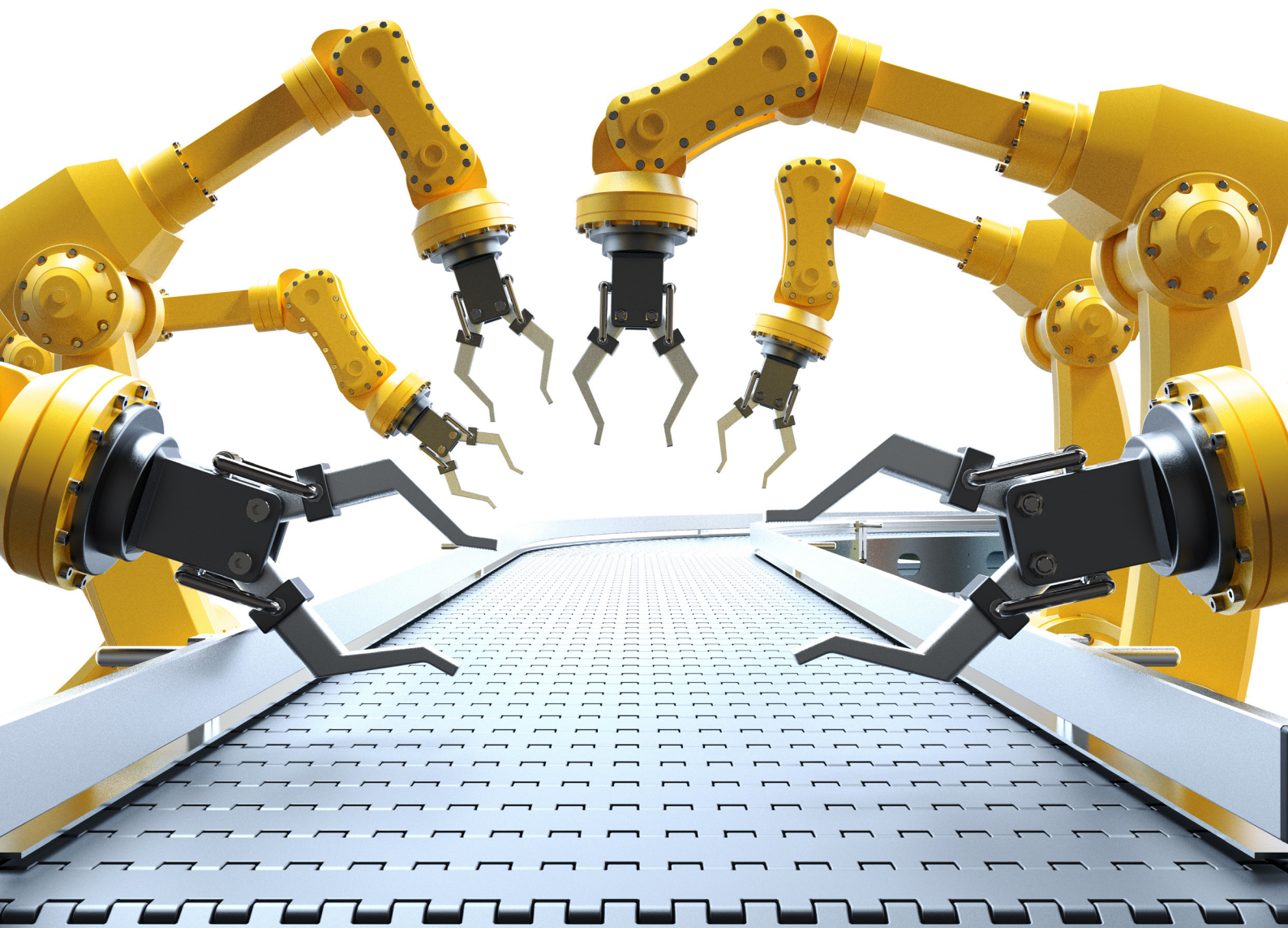


DEPARTMENT OF MECHANICAL ENGINEERING



The Highest Benchmark of
Academic Excellence, Placements &
Research for Mechanical Engineering



The background of the entire page is a photograph of the Galgotias University building, a large, modern structure with a stepped, tiered design made of light-colored stone or concrete. The building is surrounded by lush green trees and shrubs in the foreground. A semi-transparent red vertical bar is positioned on the left side of the page, containing white text statistics.

28K+

Brilliant Students

52

Acre Campus

20+

Years of Legacy

300+

Awards

850+

Companies
onboard

ABOUT THE UNIVERSITY

The Galgotias University, Uttar Pradesh, sponsored by Smt. Shakuntala Educational and welfare society, has been established by the state of Uttar Pradesh under section 2(f) of the UGC Act, 1956 vide. The Galgotias University Uttar Pradesh Act 14 of 2011. The University has been granted A+ accreditation by the National Assessment and Accreditation Council (NAAC).



**Ranked
1st**
In UP

**Ranked
13th**
In India

(Emerging Engineering Colleges category)
by India Today- MDRA Survey 2023



MESSAGE FROM THE DEAN



Dr Sudhir Kumar Singh

Dean and Professor

It is my great pleasure to welcome you to the Department of Mechanical Engineering at Galgotias University. Grounded in our commitment to world class engineering education and interdisciplinary research, we offer a rich educational experience that marries intellectual rigor and cross-disciplinary breadth in student-centred environment.

The Department offers two undergraduate, one postgraduate and doctoral degree programs. The undergraduate programs are B. Tech in Mechanical Engineering (ME) and B.Tech in E-Vehicles & Autonomous Vehicles. The postgraduate program is M. Tech in CAD/CAM and Robotics. The Department is accredited by National Board of Accreditations (NBA)

The Department is proud to have excellent faculty with exemplary qualifications and accomplishments, and with many years of industrial exposure. Our faculties are engaged in cutting-edge research projects and build immersive & hands-on learning environments that stretch beyond traditional classroom models. Our students take advantage of these classroom opportunities to for collaborative learning to explore core engineering theories & principles, and to propose fresh ideas for solving real-world problems. Students also benefit from innovative curricula and a teamwork approach of the facilitating project-based learning.

Our students get state-of-the-art, hands-on engineering experience in well-equipped, modern facilities. Co-operative education is an integral part of our undergraduate programs. Students learn to put theory into practice and complement academic work with on-the-job knowledge. Faculty and corporate partners help students to take advantage of these opportunities through many companies and projects available here in the Nation Capital Region and abroad. The faculty of Mechanical Engineering have maintained its long-standing reputation for academic and research, both nationally and internationally. Committed to excellent teaching and innovation, the faculty inspire students to translate the knowledge acquired to get real-life solutions.

ABOUT THE DEPARTMENT

Our Department is dedicated to balancing the built environment at Galgotias with the natural world. In our research, we seek to understand natural systems in the department of Mechanical Engineering, to foster the intelligent use of resources and to help our students design sustainable manufacturing systems.

We provide leadership in the field by focusing on technological innovations, seeking advances in basic knowledge and taking a systems perspective and giving our students the practical knowledge they will require in the real world scenario. We concentrate our efforts on quantitative and analytical approaches.

VISION & MISSION

Vision

To be known as a premier department in mechanical engineering, interdisciplinary research, innovation and application of knowledge for the benefit of society



Mission

Create an effective foundation in the field of production, design, thermal, industrial and automation engineering by imparting quality education.

Conduct interdisciplinary research leading to the delivery of innovative technologies through Problem and Research Based Learning.

Provide relevant industrial experience that instills the problem-solving approach; integrate the product design to manufacturing life cycle management.

Prepare students for careers in academia and various industrial organization related to mechanical and allied engineering.

USPs

- NBA Accredited since 2019
- 100 % faculty from IIT/NIT/Govt. Institutes
- Lab Infrastructure of 1.59 Crores
- Seed Fund (13.01 Lacs), Research Fund (34.48 Lacs), Consultancy (1.18 Crores), 6.5 lakhs average package
- 100% Scopus publication by the UG students
- 100 % implementation of OBE in all programs
- 100 % Internship from Government/ PSU and Reputed Private Companies.
- NEP implementation by multiple entries and exit provisions, already registered at the Academic Bank of Credits
- NPTEL course Credit Transfer policy implemented.
- 4D Electric Bike Startup (commercialized) by Mechanical Alumni
- Toycathon (GOI) and Smart India Hackathon hardware edition National level competition hosted at GU Fab Lab
- National Champion of Indian Karting Race -2019 in Go Kart Electric Vehicle category vehicle.
- New Programs introduced in B. Tech. Mechanical Engineering with specialization in Electric and Autonomous Vehicles



Programs Offered by Department of Mechanical Engineering

S.No	Program Name	Eligibility criteria	Duration
1.	B.Tech Mechanical Engineering (NBA Accredited)	Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth For Lateral Entry:- Passed Diploma examination with at least 50% marks in any branch of Engineering and Technology. Or Passed B.Sc. Degree from a recognized University with at least 50% marks and passed 10+2 examination with Mathematics as a subject. For Migration from Other Universities: 1) B.E./B.Tech Ist year minimum 50% marks or equivalent 2) 50% PCM or above at XII level.	04 Years
2.	B.Tech Mechanical Engineering with specialization in E-Vehicles & Autonomous Vehicles	Minimum 50% marks in Physics, Chemistry & Mathematics (PCM) in Class XIIth	04 Years
3.	M.Tech in Mechanical Engineering with specialization in CAD/CAM and Robotics	B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline	02 Years
4.	Doctor of Philosophy (Ph.D.) in Mechanical Engineering	A Master's degree from a recognized Indian University or any other equivalent degree to the satisfaction of the Academic Council of the University, in the relevant field, with not less than 55% marks in aggregate or 6.0 CGPA on a 10 point scale or equivalent.	Cwork1+2
5	M.Tech in Mechanical Engineering (CAD/CAM & Robotics) – Weekend	B.E/B.Tech with minimum 50% marks or equivalent in CGPA in relevant discipline	03 Years

11+Seed Fund
Projects**12+**Sponsored
Projects**19+**Consultancy
Projects**583+**Research
Publications**115+**Patents
Registered

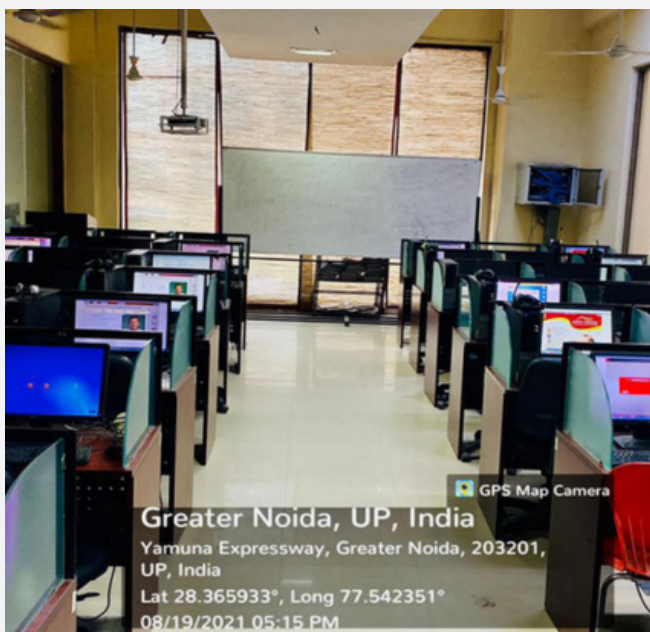
Laboratories

S.No	Laboratories
1	SOM Lab, Fluid Mechanics Lab (D-001)
2	Dynamics of Machine Lab (D-002)
3	Energy Conversion Lab (D-004)
4	Heat Transfer Lab (D-011)
5	Manufacturing Process - 1 Lab (D-007)
6	Manufacturing Process - 2 Lab (D-009)
7	Modelling & Simulation Lab (C-008)
8	Materials Metrology & Additive Manufacturing Lab (D-008)
9	Electric Vehicle - Center of Excellence (D-010)
10	CAD/CAM Lab (D-013)
11	FAB Lab (B-025)
12	Turbo-machine Lab (D-012)

Research Facilities



Centre Of Excellence-Electric & Autonomous Vehicle



Simulation lab

Electric Vehicle – Centre of Excellence

The establishment of the Centre of Excellence is under an MoU with Galgotias University and Imperial Society of Innovative Engineers (ISIE INDIA). The state-of-the-art facility at Center of Excellence provides training to in-house students and industry persons on electric vehicle technology and hybrid (engine based & EV both) vehicle systems. This Centre of Excellence offers connections with renowned vehicle sector companies and Skill Development Corporation for internship, industry visits and placements, such as MG Electric, Hero Electric and NSDC.



Internship

The department provides internship for 01 month, 03 and 06 months to pre-final and final year students as per the mandate from Industry Institution cell of the university in companies such as Tata steel, Centre of farm machinery (ministry of agriculture, GOI), NTPC, NHPC, DRDO, IOCL, HVAC, BOSCH.

Our Recruiters

S.No	Names of Companies that visit campus for recruitment
1	Keyence India
2	Renault Nissan Technology & Business Centre India
3	AVL ITC
4	Honda Cars
5	Expert lancing
6	Cease fire Industries
7	RDC Concrete
8	Spack Automotives
9	JSW Group
10	ECE Elevators Birla Group
11	UNO Minda
12	Multitex Fitratio Engineers
13	Timex Group
14	L & T
15	Indo Auto Tech, Pvt. Ltd. Faridabad
16	Victora Tool Engineers Pvt. Ltd. Faridabad
17	Sevcon India Pvt. Ltd., New Delhi
18	OPPO Mobiles India Pvt. Ltd.
19	Sanelac Consultants (P) Ltd. New Delhi

Extra-Curricular Activities

Indian go kart (IKR-2022)-Aug 2022

Go kart category vehicle race is hosted annually by the Department, the finals of which are held at Buddha International Circuit, Greater Noida.



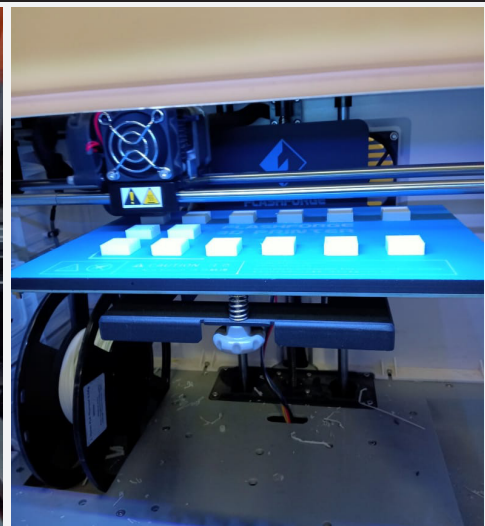
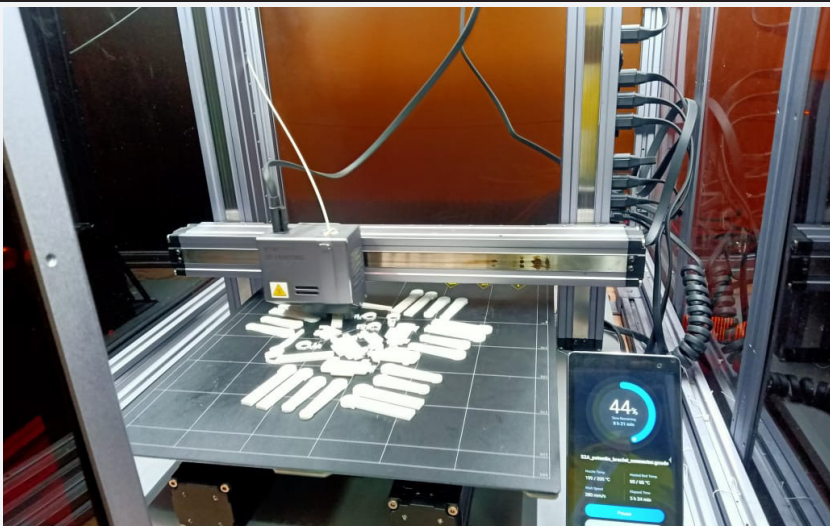
Go kart vehicle racing event is hosted annually by the Department of Mechanical Engineering,



Toycathon (GOI) National level competition was held in GU at the Digital Fabrication Lab of department of Mechanical Engineering.

Toycathon-2022

Digital Fabrication Lab & Team helps to participants for toy making during Toycathon event May 2022



Vishwakarma Day Celebration



Vishwakarma Puja at Machine Shop, Department of Mechanical Engg.

STUDENTS ACHIEVEMENTS

Mr Kartik Chaudhary, Final Year 2019-23 batch mechanical engg student is honoured by Padamshri, Arjuna Awardee & Member of Parliament Col. Shri Rajyvardhan Singh Rathore, for best player of the year in the opening ceremony of GICSL Fest. Mr Kartik Won gold medal in GICSL taekwondo championship Jan-2023

Mr Kartik Chaudhary, 2019-23 batch Mechanical Engineering student is awarded by Shri Rajyavardhan Singh Rathore at the ceremony of GICSL Fest-2022



Students who have become entrepreneurs after B.Tech



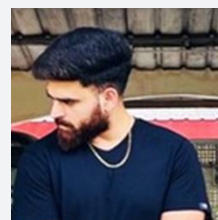
Ankit Srivastava

Founder & CEO,
wyugen
B.Tech. ME
(2012 – 2016)



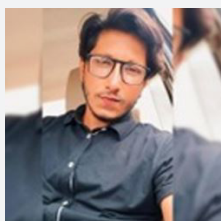
Rajat Vaishnav

Co-Founder &
COO,
Happisips
B.Tech., ME
(2015 – 2019)



Prithvi Raj Chaudhary

Founder,
4DEAUTOMOTIVE
Pvt. Ltd.
B.Tech. ME
(2016 – 2020)



Shresth Singh

Fouder,
Bundela Customs
B.Tech., ME
(2014 – 2018)



Rahul Gupta

Founder and
CEO
Sofodel
B.Tech., ME
(2016 – 2020)



Shobhit Agarwal

Founder,
4DEAUTOMOTIVE
Pvt. Ltd.
B.Tech. ME
(2016 – 2020)

Start-up/ Ventures by Students

S.No	Name of Student	Year of Start-Up	Start-Up Name	Place
1	Shobhit Agrawal	2021	4DeAutomotive Pvt. Ltd	Greater Noida
2	Vishal Kumar Diavisine	2022	Reiterate Customs	Greater Noida



Honorable Minister of state for Education Dr. Subhas Sarkar & Dr. Anil Shastrabhuddhe, Chairman AICTE Visited Smart India hackathon-2022 at GU and interacted with 4De entrepreneur's students of Department of Mechanical Engineering.

Students Club Details

The Department has two students club mainly	S.No	Student Club
	1	AutoMantra
	2	Mechalites



Team AutoMantra-2022



Team Mechalites-2019 (National Champion of Indian Karting Race -2019)

CONTACT INFORMATION

Address and location

Plot No.2, Sector 17-A Yamuna Expressway,
Greater Noida, Gautam Buddh Nagar, Uttar
Pradesh, India

Opposite Buddh International Circuit.

Contact details for admission inquiries

For National Admissions

Call Centre: 0120-4370000 , +91 9582847072

+91 9810162221

Email : admissions@galgotiasuniversity.edu.in

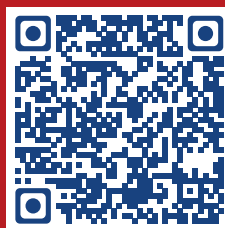
For International Admissions

NRI / Foreign Nationals only: +91 120-4806884

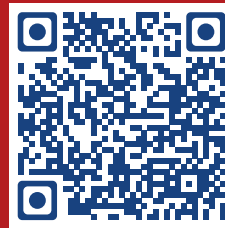
+91 7838141101

Email: international.office@galgotiasuniversity.edu.in

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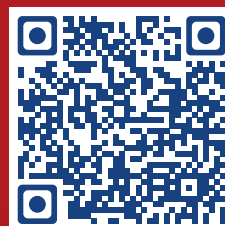
Enquire Now



Visit Department



Visit Website



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www.galgotiasuniversity.edu.in



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