



KCIC

KINGS CORNERSTONE
INTERNATIONAL
COLLEGE

Motorsport Engineering

International degree with compulsory final year abroad



Pearson
BTEC

Approved Center



Why Motorsport & Why study in Europe

KCIC is the only school in Asia to offer Motorsport Engineering

Motorsport Engineering is an exciting domain focused on the design and improvement of race cars and high-performance vehicles. By integrating mechanical, aerodynamic, materials, and electronic engineering, it seeks to enhance speed, safety, and efficiency.

The UK and Europe are at the forefront of this vibrant industry, home to leading teams and research centers. Pursuing studies in this region opens up avenues to cutting-edge technology, collaborative projects, and practical experience. Esteemed institutions have established partnerships with top motorsport firms, providing advanced facilities and essential networking opportunities. Notable teams such as Mercedes-AMG Petronas and Ferrari pave the way for thrilling career prospects in this captivating field. Engineering and research companies like Cosworth, Prodrive, and Dallara play crucial roles in the motorsport ecosystem.

Many Indian students have flourished in this area after their education in the UK and Europe. For example, Nabeel Ali started at KCIC, continued his studies in the UK for his final year, and now excels in race engineering. Karun Chandhok, a prominent Formula 1 racer, shifted to a motorsport analyst position following his education in the UK. Similarly, Arun Mammen gained recognition in racing after studying in Europe.

Delving into Motorsport Engineering in these areas opens up a realm of career opportunities, backed by advanced technology and a lively industry environment.

Modules to study

In the first two years, you will establish a solid grounding in engineering fundamentals along with skills tailored for motorsport. The essential modules you will explore include Engineering Design, Engineering Mathematics, Engineering Science, Materials Properties and Testing, Fluid Mechanics and Thermodynamics, Vehicle Dynamics, Motorsport Technology, Managing a Motorsport Event, CAD and Computer-Aided Engineering (CAE), and Project-Based Learning, complemented by a selection of flexible electives.

Upon finishing your initial two years at KCIC, you will transition to the UK to undertake your final two years at institutions such as Oxford Brookes University, Coventry University, and Brunel University. Here, you will benefit from industry-standard laboratories and guidance from experienced professionals. While in the UK, you will delve into advanced topics such as Advanced Vehicle Dynamics, Race Car Aerodynamics, Powertrain and Engine Performance, Motorsport Electronics and Data Analysis, Motorsport Composites and Lightweight Materials, Trackside Engineering and Race Strategy, Motorsport Business and Management, and a Final Year Motorsport Project.

Eligibility Criteria

Students should possess 10th grade and +2 / Diploma with at least 65% in Maths and Physics. We welcome those without a Maths or Physics background, though a foundation program is necessary.



Your Campus to Global Education

- Globally recognised credit system to allow personalised study pathways
- 1 GB Wi-fi unlimited access with 24x7 AI cameras with security and access systems
- Part of the eco-system with seed funding up to \$800 million
- Visiting faculties from IVY and/or QS ranked universities.
- Case study and experiential learning
- Australian inspired cafeteria operated by hotel management students
- Experiential learning with practical assessment
- sports complex with facilities for professional cricket practice nets, pickle ball, football turf, esports gaming zone.
- Simulation for integrated learning with race events
- Air Conditioned with amphi-theater style classrooms
- Mandatory final year study destination: UK, Europe or Australia
- Hostels and bus services throughout the city.
- Up-to-date library featuring books & e-materials
- Full class move internationally, receiving total help with visas, 100% visa grant till date..
- Engage with our vast alumni community through university collaborations.

Your Journey to Career

- 1** Complete two years at KCIC for 240 credits, earn BTEC HND in Motorsport Engineering.
- 2** Study final 2 years in in the UK. Earn a BEng Motorsport Eng. Degree
- 3** Get 2 years post study work visa to live and work in the UK

Universities Offering Motorsports



Accreditation

Qualification Quality Assurance

The qualifications delivered at KCIC are internationally recognised and accredited by the respective regulatory authorities of each country. All UK university qualifications are regulated by Ofqual and QAA, ensuring high academic standards. Students who complete a UK degree at one of our partner universities, approved by the Engineering Council UK, will have their qualification recognised in India under the Washington Accord. For details, please visit the Washington Accord website.

Top Recruiters



Dual Awards + Industry Certifications

Unlike other students, KCIC students consistently receive multiple awards from industry leaders, Pearson, and partner universities. Those pursuing Motorsport Engineering gain industrial training from Bosch and hands-on experience at renowned performance workshops in Chennai and Coimbatore. After completing the first two years at KCIC, students earn the Pearson BTEC HND in Automobile Engineering (Motorsport), along with certifications in CATIA/SolidWorks and membership in the Royal Aeronautical Society or the Institute of Engineering Technology, UK. These credentials enhance their profiles and provide opportunities to work part-time in their chosen field while studying in the UK. Part-time work not only helps students manage living expenses but also serves as a valuable stepping stone to industry connections and future career prospects.



ROYAL
AERONAUTICAL
SOCIETY



BOSCH



Application Process

Submit application online

Login your application online: www.cornerstone.edu.in
submit your documents online, if your results are pending, then submit pervious marksheet/certificate. Conditional offer letters are issued within 48 hours - conditions to be met within the due date.

Helpline

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