

M. S. Ramaiah University of Applied Sciences

Bangalore - 560 054



Faculty of Art and Design (FAD)

The Faculty of Art and Design (FAD) which was a major department in the earlier M.S. Ramaiah School of Advanced Studies offers Undergraduate and Postgraduate programmes and doctoral programmes in Art and Design. The courses in Art and Design will challenge the creative capabilities of students. These courses are highly popular in the West and becoming increasingly popular in India.

Dean's Message

The Faculty of Art and Design (FAD) was initially started at M S Ramaiah School of Advanced Studies in 2003 as the Centre for Product Design affiliated to Coventry University, UK offering M. Sc. [Engg.] in New Product Design. Over the years, since its inception, the Centre has produced over 600 Product Design professionals who have been gainfully employed as product designers in national and global companies.



Dr. K. H. Anilkumar
Dean, FAD

The Faculty of Art and Design presently offers Undergraduate and Postgraduate programmes in Design. The four year Undergraduate courses offered leading to the B. Des., Degree are Product Design and Visual Communication. The two year Postgraduate courses offered leading to the M. Des., Degree are Product Design, Commercial and Retail Design, Rural Product Design, Computer Animation and Game Design and Fashion Design. The design courses and the curriculum at MSRUS have been evolved, over the years, by the members of faculty based on their teaching experience and long standing interaction with various foreign universities particularly Coventry University of UK and Industry and will nurture the creative capabilities of students. The curriculum offered is outcome based and helps students to develop critical thinking, creative and innovative abilities and imbibe relevant practical skills for a smooth transition from academics to the actual work environment. Internship opportunities are provided for students to do their project in India or abroad depending on their preference.

Along with the academic activities, the Faculty of Art and Design also conducts research and undertakes sponsored research for companies and organisations involved in developing products for healthcare, hospitality, lifestyle, automotive and agricultural sectors. The Faculty is recognized as a PACE Institute (Partner for the Advancement of Collaborative Engineering Education) and under this partnership programme the faculty and students interact with designers from General Motors and design students from other PACE institutes across the world. Students have opportunities to take part in international student competitions conducted among more than 70 PACE institutes world over. Over the years our students have won many design competitions held at national and international levels. The Faculty works closely with Governmental agencies, Agriculture Universities and NGOs to conduct research and develop need-based product solutions and systems to meet user and community needs. The students are encouraged to participate in design competitions at national and global levels. The Faculty publishes a host of papers annually and contributes to the University publications, a magazines and technical journals.

Departments and Academic Programmes

The Faculty of Art and Design has 2 departments

1. Department of Industrial Design
2. Department of Fashion Design

The Faculty of Art and Design offers 4 year UG Programme leading to B. Des.

- Product Design
- Visual Communication

The Faculty of Art and Design offers 2 year PG Programme leading to M. Des.

- Product Design
- Commercial and Retail Design
- Rural Product Design
- Computer Animation and Game Design
- Fashion Design



Each department offers Part Time PG programme for working professionals; in addition they offer specially designed User Oriented PG Courses to Industries.

Departments and Academic Programmes

The courses and curriculum have been evolved, over the years, by the members of faculty based on their teaching experience and long standing interaction with various foreign universities and Industries. The curriculum offered is outcome based and each course is designed for students to develop knowledge and understanding of the subject area, creative thinking, practical skills, problem solving skills, creative and innovation skills, research skills and transferrable skills.



Students Work and Shows

Students have opportunity to take up projects related to lifestyle products, automotive, industrial design, agricultural products and fashion design. The Faculty is recognized as a PACE Institute (Partner for the Advancement of Collaborative Engineering Education) and under this partnership programme the Faculty interacts actively with designers from General Motors. Students have opportunities to take part in international student competitions conducted among more than 70 PACE institutes world over. Over the years our students have won many design competitions held at national and international levels.

The Faculty works very closely with MSMEs, Agriculture Universities and NGOs. Annually, the students participate in national level design competitions conducted by Automotive and Product Design and Development Companies and they have won several awards including India Innovation Initiative by CII awards twice. Many designs created by the students have appeared on national TV channels.



Research

Research, Publications and Patents

MSRUAS has a strong focus on Applied Research. The research programmes originate from industry, research establishments and business organisations. Students can opt for Doctoral Programme leading to the Ph.D. degree either through the full time or part time route. One of the main activities at FET is academic research. Normally, Research groups work on research problems with funding from various agencies. The faculty members of these groups supervise Ph.D., theses also. The faculty members of Research groups are assisted by other academic faculty of allied specialisation areas and research assistants. The research themes are:

Energy and Environment ; Biomaterials, Tissue Engineering and Implants; Robotics and Automation; Signal and Image Processing; Control Engineering; Materials Engineering; Biomedical Engineering and Biomechanics; Engineering Design and Rural Products Design; Fluid Dynamics and Aerodynamics; Automotive Technologies; Micro Air Vehicles; Manufacturing Technologies; Opto-electronics; Human Computer Interactions; Electric Motors, Drives and Electromagnetics; Sensors and Micro Electro Mechanical System; Microelectronics and CMOS Technology; Graphene and Carbon Nanotechnology; Graphics and Visualization; Software Engineering and ICT Networks and Distributed Systems; Plasma and Lasers; Construction Engineering and Management.

The Doctoral Programme offered at MSRUAS is well structured and motivated candidates will be able to complete their Ph.D. in the defined period. The faculties of the University have produced more than 30 Ph.D. scholars. Research at Doctoral and Post-graduate level has resulted in more than 100 publications and many patent filings. The Faculty publishes a Bi- Yearly Technical Journal "SASTech" which contains peer reviewed technical papers and also publishes a Book of Student Project Abstracts which contains the abstracts of projects executed by the PG students of the Faculty. Further details are available at http://www.msruas.ac.in/doctoral_research

Conference, Seminars and Workshops

The Faculty of Engineering and Technology actively conducts conferences, seminars and workshops. The faculty has conducted national level conferences and the conferences are conducted by each department of the faculty in a cyclic manner once in every 2 years. The faculty has helped the Directorate of Training and Life Long Learning to conduct more than 600 corporate training courses. More than 3,500 candidates and professionals have been trained under various programmes and more than 90 seminars and workshop have been conducted. The list of Corporate training programmes is available at : http://www.msruas.ac.in/training_learning/cpdtm/ctp and the list of workshops and seminars is available at http://msruas.ac.in/pdf_files/tll/List%20of%20Seminar%20&%20Workshop.pdf

Very good initiative by FET and a good form of industry & academic interaction. Event was really good. Would like to attend such events or sessions in near future. Seminar organized in professional manner. Participant, attending "Unsteady Phenomena in Turbomachinery and Combustion System"



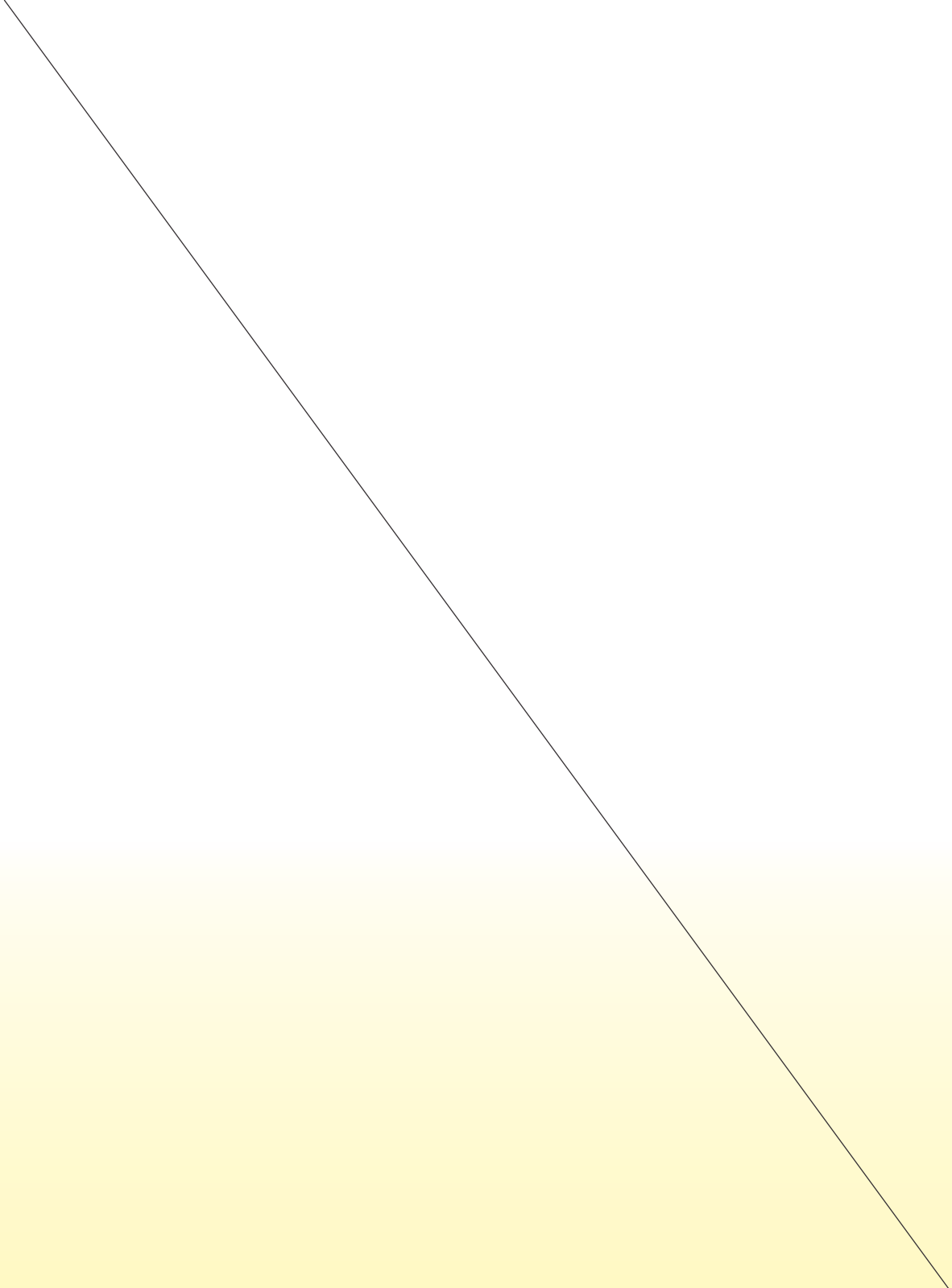
Collaborations, Student and Staff Exchange and Partnerships

The Faculty of Engineering and Technology has a long standing collaboration with the Coventry University of the UK. The Faculty has collaborative agreements with University of Pardubice, Czech Republic and has initiated discussions with Kazan Aviation University, St. Petersburg Civil Engineering and Architecture University, Samara Aerospace University, Volgograd Technical University all located in Russia; Nottingham Trent University of the UK; Ghent University in Belgium; Universities in France; Ghana Technology University College in Ghana and Airforce Institute of Technology, Nigeria and the Faculty plans to have collaborations with more than 40 international universities as it plans to encourage short-term international mobility of UG and PG students and Ph. D. scholars and faculty members.

The Faculty would like to develop partnerships with reputed universities for offering value added professional programmes in advanced technologies in India and Abroad.

Students Work

Every year students from the Faculty of Engineering and Technology carryout group projects and individual projects as part of their curriculum. The projects are critically reviewed and made sure they are technically relevant and academically of high standards. Most students get job oppurtunities based on their project work alone and many have published papers in peer reviewed journals.

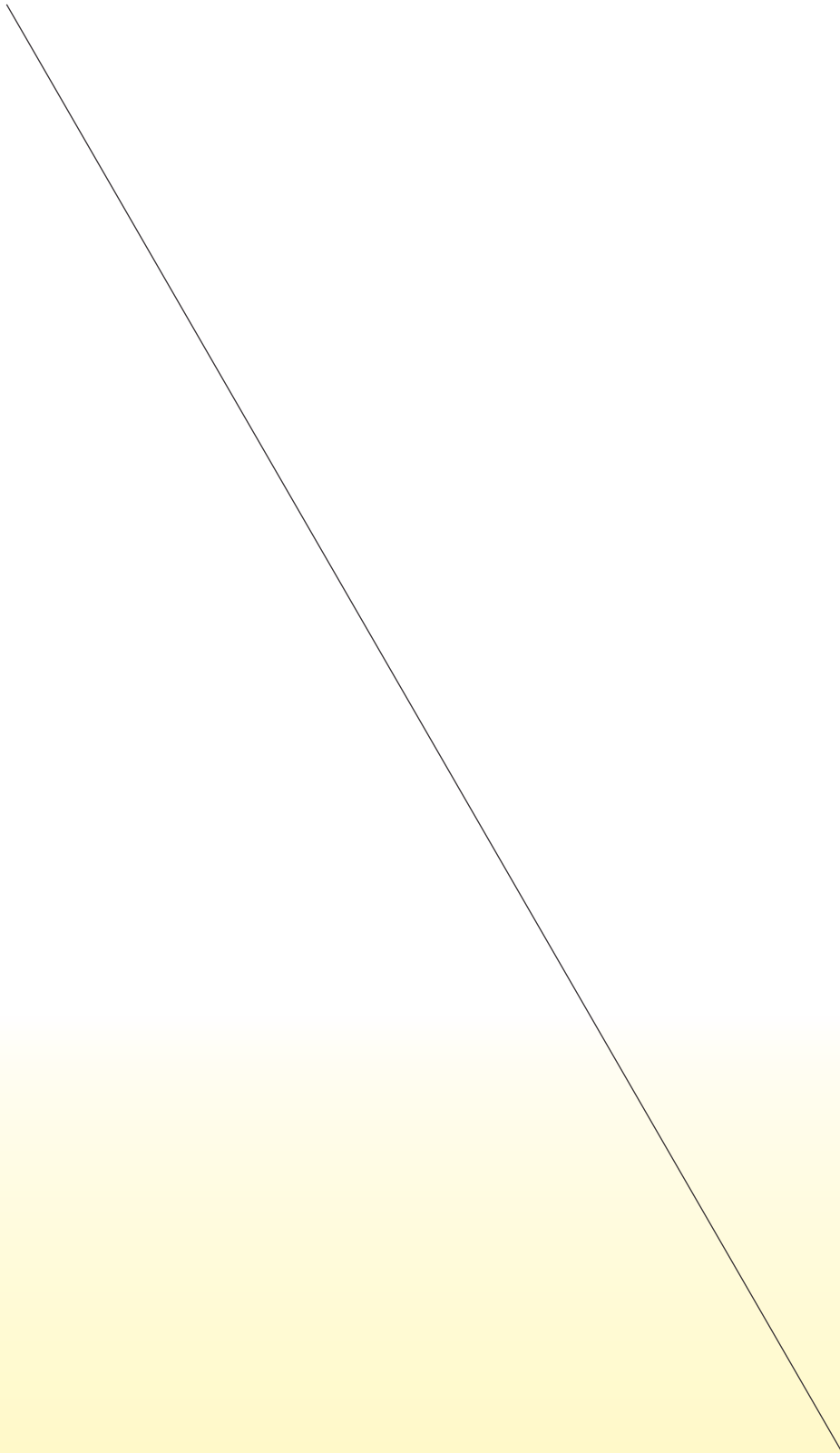


Student Competitions and Exhibitions

The staff and students of FET, MSRUAS have always been enthusiastic and strive hard to carryout challenging problems and achieve great results. They have been participating in National and International level competitions and bringing great accolades and name to the University. Be it designing new cars, low cost medical devices, Micro Air Vehicles or publishing papers, they have won it all and made their presence felt everywhere.



Student Placements, Alumni Feedback Employers Opinion





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