



BITS Pilani, K K Birla Goa Campus

Department of Mechanical Engineering

Ph.D. Program



Overview: Birla Institute of Technology & Science (BITS), Pilani, is a leading Institute of higher education and a deemed University under section 3 of the UGC act. The University offers wide range of Bachelor, Master and Ph.D. programs in Engineering, Sciences, Technology, Pharmacy, Management and Humanities. Recently BITS Pilani was declared as an Institution of Eminence by the Ministry of Education, Government of India in 2020. With an illustrious legacy, modern campuses and alumni in leadership positions across the world, BITS has been the institute of choice for bright students in India year after year.

Department of Mechanical Engineering is a vibrant department in BITS Pilani, K K Birla Goa Campus, leading the cutting edge research of the current dynamic era. The department has dedicated faculty members working in diverse fields of Mechanical Engineering with emphasis on challenges in energy, environmental sustainability, health care and quality. The department is fully committed in collaborating with industries in all aspects to ensure transfer of knowledge. The Department of Mechanical Engineering has been ranked 351-400 as per the QS World University Rankings 2022 in the field of Mechanical Engineering.

The department encourages motivated and bright Ph.D. aspirants to join us at BITS Pilani, K K Birla Goa Campus, to learn, understand and solve problems of specialized research fields. The department also has a part-time Ph.D. scheme especially for working professionals in Industries or Academic Institutes.

Financial Assistance: Financial assistance will be provided to the fulltime Ph.D. students in the form of a monthly stipend of ₹ 31,000. Higher stipend amount will be granted in the subsequent semesters subject to the performance as per institutional norms. A full-time Ph.D. student is expected to perform teaching assistantship in addition to the doctoral research work against the stipend granted to him/her.

Broad Areas of Research:

Bio-microfluidics, Biomaterials, Biomechanics, Assistive and Medical devices, Fluid-structure interaction, Image based material testing and inspection, Sheet metal forming, Warm and hot forming, Surface Engineering, Robotics and Control, Solid & Fracture Mechanics, Structural health monitoring, Vibrations, Acoustics, CAD/CAM, Experimental aerodynamics and jet acoustics, CFD, Heat Transfer, Microtubes, CFB, Energy, Micro Machining & MEMS, Polymer & Composites, Rotational Moulding

Apply Here: <https://www.bitsadmission.com/phdmain.aspx>

Faculty Profile: <https://universe.bits-pilani.ac.in/goa/me/Faculty>

For more details please contact

HOD, Mechanical Engineering, BITS Pilani K K Birla Goa
Campus, Goa, India

Phone: +91-832-2580267

Email: hod.mechanical@goa.bits-pilani.ac.in