Department of Mechanical Engineering, BITS Pilani - Hyderabad Campus
Call for Research Internship (Accelerate Vigyan - Vritika)

VRITIKA (Training and Skill Internship)

Applications are invited from interested M. Tech/M.E. candidates for **05 Research Internship** positions to work under the VRITIKA event titled "**Understanding Tribology of Automotive Brake Pad-Disc System**" funded by Accelerate Vigyan, SERB. The internship students will develop experimental & characterization skills while investigating tribological behaviour of friction materials. The event will be conducted through offline mode for a duration of six weeks at department of mechanical engineering, BITS Pilani-HYD Campus. For more details about the program, please visit the following links: https://acceleratevigyan.gov.in/programs/abhyas/vritika & http://serb.gov.in/abhyaas.php

Who can apply	Essential Qualifications	No. of Positions
Regular PG level (MTech/M.E./M.S) students pursuing their degree from University / Institution within India (primarily from universities, colleges, private academic institutions).	B.E./B.Tech. in Mechanical/Materials/Production/Metallurgy/Manufacturing Engineering with minimum 7.0 CGPA or 70% in Qualifying Degree.	05

Eligibility Conditions: The applicants must produce a letter of authentication from their Supervisor/Head of the Department/Head of the Institute indicating their association with the institute and 'No Objection Certificate (NOC)' for allowing their student to undergo internship, if selected. There is no dedicated format for the same however, it must be obtained on the institute/university letter head.

Nature of Support:
- The internship will be given for meeting daily necessary expenses such as stationery, consumables, accommodation, food, etc., as per the norms of the funding agency. **No stipend will be provided for the internship**.
- The period of the Training and Skill Internship shall be for six weeks.
- The participating students will also be eligible for TA reimbursement for their journey to the host institute from their hometown/home institute, both ways, as per the GoI norms.
- Certificate will be provided to the interns after the successful completion of the internship tenure.

Details of Internship:
❖ Duration – 20th June 2022 to 31th July 2022
❖ Last Date for application/registration: 10th June 2022
❖ List of selected students shall be announced on or before 12th June 2022.
❖ Reporting date for the selected students – 19th June 2022.

Application and Selection Process: Duly filled application form along with the requested details, scanned copies of certificates, and other supporting documents including the letter of authentication in a **single pdf file** should be send through the mail to **piyushchandraverma@hyderabad.bits-pilani.ac.in** latest by 10th June 2022. The applications will be screened and the candidates will be selected based on the merit of their background and performance in interview.

Other Important Information:

1. The applicant will be responsible for the authenticity of information, documents and photographs submitted.
2. Incomplete applications (in any sense) will not be considered for screening. Write **VRITIKA_Advertisement No.** in the subject section of mail.
3. The Institute reserves the right to accept the application at any time and consider candidates with exceptional credentials without applications. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates.
4. Only selected candidates will be informed by email (apart from the information uploaded on the website), therefore the candidates must provide valid E-mail IDs in their applications.
5. Selected candidates will have to acknowledge and accept the internship offer through return email, failing which the waitlisted candidates may be called for the internship.
6. The Event Organizer will assign work/assignments as per the research module, and the intern have to work accordingly and prepare a report on completion.
7. Interns not completing the work within the requisite period will not be issued any certificate.
8. The IPR of the research work will be reserved by the institute which cannot be used by the intern without permission of the concerned authority.
9. The intern shall abide by the rules and regulations of the institution and laboratory protocols.
10. For any other information/queries regarding the internship, the candidates may reach the event organizer through email as per the details given below.

Event Organizer / Contact Person

Dr. Piyush Chandra Verma
Assistant Professor
Department of Mechanical Engineering,
Birla Institute of Technology and Science, Pilani (BITS Pilani)
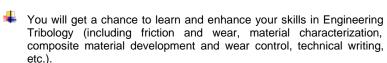Hyderabad Campus, Hyderabad-500078 (Telangana)
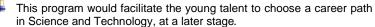**Email: piyushchandraverma@hyderabad.bits-pilani.ac.in**
Phone: +91 040 66303599
Office: E-218
Website: https://www.bits-pilani.ac.in/hyderabad/piyushcv/Profile

What's in it for YOU?

- You will get a chance to learn and enhance your skills in Engineering Tribology (including friction and wear, material characterization, composite material development and wear control, technical writing, etc.).
- This program would facilitate the young talent to choose a career path in Science and Technology, at a later stage.
- Certificate will be provided to the interns after the successful completion of the internship.