



DEPARTMENT OF AERONAUTICAL ENGINEERING

Event Report (AY2025-2026)

Name of the Event	:5-Day Boot Camp on Industrial Hydraulics & Pneumatics
Date & Time	:03/11/2025 to 07/11/2025
Place	:Global Academy of Technology (GAT), Bengaluru
Organized By	: Global Academy of Technology & ACS College of Engineering
In Association With	: Festo India Pvt. Ltd.
Resource Persons	: Experts from Festo India Pvt. Ltd. and Industry Professionals
No of Student Participants	:17 Students (Aeronautical, Aerospace & Mechanical Engineering – ACSCE)
Event Coordinators	: Dr G Ramanan

About the Event:

ACS College of Engineering, in collaboration with Global Academy of Technology (GAT), Bengaluru, and in association with Festo India Pvt. Ltd., successfully inaugurated a **5-Day Boot Camp on Industrial Hydraulics & Pneumatics** on 3rd November 2025 at GAT, Bengaluru.

The boot camp was designed to provide intensive hands-on training in hydraulic and pneumatic automation systems, which are widely used in aerospace, manufacturing, and industrial applications. A total of 21 students from the Departments of Aeronautical, Aerospace, and Mechanical Engineering of ACS College of Engineering actively participated in this technical training program. The inaugural session highlighted the importance of industrial automation and fluid power systems in modern engineering industries. Experts from Festo India Pvt. Ltd. introduced students to real-time industrial components, system integration techniques, and troubleshooting methods. Throughout the five-day program,

Campus

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ACS College of Engineering

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students were exposed to both theoretical concepts and practical demonstrations covering hydraulic circuits, pneumatic systems, actuators, valves, compressors, and control mechanisms. The hands-on sessions enabled participants to assemble and test various automation circuits, improving their understanding of system design, safety practices, and operational efficiency.

The training emphasized practical skill development, industry standards, and real-time problem-solving techniques. Students gained valuable insights into industrial automation technologies, preparing them for careers in aerospace, manufacturing, robotics, and allied sectors. The boot camp concluded on 7th November 2025 with positive feedback from participants, who appreciated the interactive sessions and industry-oriented training methodology. Overall, the program significantly enhanced the technical competency and practical exposure of the participating students.

Event Poster:

GLOBAL ACADEMY OF TECHNOLOGY Ideal Homes Township, Mysore Rd, RR Nagar, Bengaluru, Karnataka 560098. Department of Mechanical Engineering Boot Camp on Industrial Hydraulics & Pneumatics (03rd -07th, November 2025) REGISTRATION FORM - Name..... - USN..... - Department..... - College..... - E-mail..... - Mobile..... Signature of the Applicant _____ HoD Signature _____ Date: _____ Registration Fee: Rs.300/- Certificates will be provided upon successful completion of training program.	Chief Patron: Dr. Nagamani Nagaraja, CSS, GAT. Patron: Dr. H B Balakrishna - Principal, GAT. Chief Guest: Dr. Anand Thirtha B Gudi, Principal, ACSCE Mr. Abhinandan, FESTO India Pvt. Ltd. Convener: Dr. Bharat V, HoD- Mechanical Engg, GAT. Guest of Honour: Dr. Siddesh H S, HoD, Mechanical Engg, ACSCE. Dr. Suresh C, HoD, Aerospace Engg, ACSCE. Dr. Ramanan G, HoD, Aeronautical Engg, ACSCE Resource Persons: 1. Mr. Abhinandan, FESTO India Pvt.Ltd. 2. Mr. Lakshmi Narasimha N, FESTO India Pvt.Ltd 3. Mr. Ramesh R, FESTO India Pvt.Ltd. 4. Mr. Manoj Kaulgud, Industry Expert. 5. Mr. G. Shivaraj, Industry Expert. 5. Mr. Rakesh Sharma, SMC Corporation. Organizing Committee: Mr. Poorna Chandra, Asst. Prof. - ME, GAT. Mr. Kiran R, Asst. Prof. - ME, GAT. Dr. Rajesh R, Assoc. Prof. - ME, GAT. Address for correspondence: Mr. Poorna Chandra, Asst. Professor - ME, GAT. E-mail: poornachandra@gat.ac.in/Mob- 9986661892 Mr. Kiran R, Asst. Professor - ME, GAT. E-mail: kiran.r@gat.ac.in/Mob- 9739314102.	 GLOBAL ACADEMY OF TECHNOLOGY (Autonomous Institute, approved by AICTE, Affiliated to VTU) & ACS COLLEGE OF ENGINEERING (Approved by AICTE, Affiliated to VTU) in association with Festo India Pvt. Ltd. Department of Mechanical Engineering, GAT Organizing Boot Camp on Industrial Hydraulics & Pneumatics Date: 03rd - 07th, November 2025  Venue DEPARTMENT OF MECHANICAL ENGINEERING, GLOBAL ACADEMY OF TECHNOLOGY, BANGALORE. 
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Event Pictures:



Bengaluru, Karnataka, India

Wghg+2wh Global Academy Of Technology_rr Nagar Auditorium,
Global Academy Of Technology_rr Nagar, Global College Rd, Aditya
Layout, Rajarajeshwari Nagar, Bengaluru, Karnataka 560098, India
Lat 12.927616° Long 77.527161°
Monday, 03/11/2025 10:16 AM GMT +05:30

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[Signature]

Dr.G.Ramanan
HOD-AE

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Anand B Gudi

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