



The Robotics Society (TRS), established in 2011 and formally registered in 2017, stands as India's premier platform for advancing robotics research, education, and innovation. Its first student chapter was inaugurated at COEP (TRS-SC/18/001) in January 2019, marking a significant milestone in collaboration with COEP's Robot Study Circle (RSC), which has since helped establish three of the first five TRS student chapters in Pune. Through this strategic partnership, TRS conducts cutting-edge workshops on ROS, Brain-Controlled Robotics, and Industrial Robot Training, leveraging its national network to foster robotics education and development. The society's commitment to knowledge exchange and technical excellence is further exemplified through its biennial Advances in Robotics (AIR) conference, positioning India as a key player in the global robotics landscape.

TRS STUDENT CHAPTERS

FIRST-EVER STUDENT CHAPTER FORMED AT THE COLLEGE OF ENGINEERING PUNE

The student chapter of The Robotics Society (TRS) India was inaugurated at the College of Engineering Pune on 18th January 2019 (Chapter Reg. No.: TRS-SC/18/001). Dr. B. B. Ahuja, Director COEP and Dr. S.S. Ohol are the Faculty Committee members of the student chapter at COEP. The chief guests for the inauguration ceremony were Mr. Alok Mukherjee (Scientist 'G' and Head, Robotics Division, R&DE Dighi, DRDO) and Dr. B. B. Ahuja (Director, College of Engineering, Pune). Mr. Alok Mukherjee is known for his instrumental work in the development of UAV Netra. The student chapter was inaugurated using an upper torso humanoid robot built at COEP's Robotics and Automation Lab by the Robot Study Circle members.

The Director of COEP Dr. B.B. Ahuja elaborated on the need for Robotics and importance of IoT in industry. He termed IoT as an "Integration of Technology" which is leading to development for Industries. Mr. Alok Mukherjee gave a presentation on DRDO's recent projects in defense robotics. His keynote gave the audience a vision to explore how robotics can make it safer while handling and operating bombs. He provided a practical model presentation on the insights of Unexploded Ordnance Handling Robot (UXOR) which is capable of handling, diffusing and detecting unexploded ordnance. He also congratulated Dr. S. S. Ohol for taking the initiative and motivating three other institutes in and around Pune city to begin student chapter of The Robotics Society of India in their respective institutes. Dr. B. B. Ahuja expressed his thoughts on increasing applications of



robots in the real world. Dr. S. S. Ohol introduced the audience to the TRS and motivated students as well as faculty members to be a part of the chapter. He explained the importance and need of the TRS student chapter. TRS student chapter members were informed about the workshops that will be organised in the near future, some of which are based on Robot Operating System (ROS), brain-controlled robotics, ABB industrial robot training workshop, hands-on session on the ARM cortex microcontroller, collaborative robot and its demonstration workshop, advanced intelligent drone software workshop ,etc. At the end of the ceremony, the robot study circle members who represented India at the International Robocon 2017 at Tokyo, Japan, were felicitated with a certificate of appreciation for their outstanding performance at International Robocon.

<https://rs-india.org/newsletter/>

STUDENT CHAPTER ID	INSTITUTE	FACULTY COORDINATOR(S)
TRS-SC/18/001	College of Engineering, Pune, Maharashtra	Shantipal S. Ohol

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