

Report on
Research collaboration meeting with Prof. Abhra Roy Chowdhury

A collaboration meeting was held on 15 November 2024 to discuss the All-department's upcoming activities, potential partnerships, and funding strategies at Dayananda Sagar University. The meeting was attended by HOD's, Dr. Abhra Roy Chowdhury, Dr. Pavelyev Valdimir S., and other professors, aiming to outline a roadmap for the growth and impact of the department. The primary agenda included discussions on the role of robotics and AI in the present and future, opportunities for international collaboration, and strategies for securing necessary resources for the department's initiatives.

POINTS DISCUSSED:

1. The Role of Robotics and AI in Shaping the Future:

- The meeting began with a discussion on the pivotal role that robotics and artificial intelligence (AI) play in modern industries. Professors and delegates emphasized the ongoing advancements in these fields, which are transforming sectors such as healthcare, manufacturing, education, and transportation.
- The conversation explored how AI and robotics are expected to further influence global economies and job markets in the coming years. There was consensus that these technologies would not only drive innovation but also create new challenges and opportunities.
- The importance of preparing students to meet these technological advancements was highlighted, with the department being positioned as a key platform for developing skills in these areas.

2. Collaboration with Foreign Delegates and Professors:

- A major point of discussion was the potential for forming strategic collaborations with international delegates and professors from prestigious institutions like IISc (Indian Institute of Science).
- Collaborating with IISc would allow the department to enhance its visibility, benefit from global expertise, and engage in joint research projects. The collaboration could also facilitate organizing events, workshops, and guest lectures by international experts, which would be invaluable for both faculty and students.
- Professors suggested that such partnerships could help the department in promoting its activities and increasing student engagement, while also providing networking opportunities for all involved.

3. Progressing with the Department and Securing Funding:

- The discussion turned to how to effectively proceed with the department's activities. Key points included organizing technical workshops and lectures, which would provide students with practical exposure and stimulate interest in robotics and AI.
- Funding for the department's initiatives was identified as a critical factor for success. Various avenues were explored, including seeking sponsorships from corporate partners in the tech and robotics industries, applying for research grants, and connecting with government bodies that fund innovation in education and technology.

- Professors and delegates agreed that establishing a dedicated fundraising team would be essential for reaching out to potential sponsors and donors. Additionally, the importance of applying for international grants and collaborating with tech companies for funding was emphasized.

Conclusion:

The meeting concluded on a positive note, with clear directions set for the department's future growth. The collaboration with IISc and other prestigious institutions, along with a structured approach to fundraising, will play a crucial role in the department's development. Professors and esteemed delegates expressed their commitment to supporting the department's initiatives and contributing to its success. The meeting ended and the department's journey had begun with a common goal: to turn visions into realities and lead the way into a future shaped by ingenuity and hope.



Figure 1. Dr. Abhra Roy Chowdhury discussion with Dr. Pavelyev Valdimir S.



Figure 2. Dr. Abhra Roy Chowdhury discussion with the chairperson of all departments, SOE