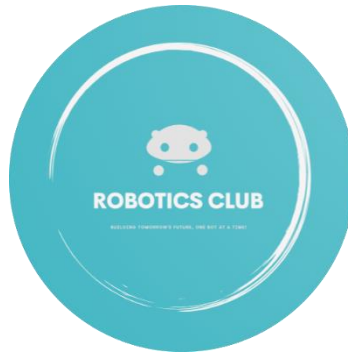


NAME OF THE CLUB : Robotics Club

LOGO OF THE CLUB:



ABOUT THE CLUB:

A robotics club in college is a student organization focused on all aspects of robotics. It provides a platform for students who are interested in robotics to come together, learn, and work on various projects related to robotics and automation. These clubs are common in engineering and technical colleges, but they can also be found in other academic institutions.

OBJECTIVE OF THE CLUB:

- Skill development: Members can learn valuable technical and teamwork skills, such as programming, electronics, mechanics, and project management.
- Networking opportunities: Robotics clubs often connect students with peers who share similar interests and can lead to valuable connections for future career opportunities.
- Practical experience: Working on robotics projects provides hands-on experience, which is highly regarded by employers in engineering and tech-related industries.
- Personal growth: Being part of a robotics club can boost confidence, problem-solving abilities, and creativity.

ACTIVITIES OF THE CLUB (DONE):

1. Learning and skill development: Robotics clubs typically organize workshops, seminars, and training sessions to educate members about the basics of robotics, programming, electronics, and mechanical design.
2. Project development: One of the primary purposes of a robotics club is to work on hands-on projects. Members collaborate to build robots, automated systems, and other tech-related projects. These projects can range from simple line-following robots to complex autonomous drones.

3. Competitions: Many robotics clubs participate in regional or national-level robotics competitions. These competitions provide students with a chance to test their skills, knowledge, and creativity against other teams and showcase their innovations.
4. Guest lectures and industry interactions: To enhance the members' understanding of real-world applications, robotics clubs often invite guest speakers from the industry or academia. These interactions can provide insights into current trends and challenges in robotics.
5. Community outreach: Some robotics clubs engage in community outreach programs to promote robotics education among local schools and communities. They may conduct workshops or demonstrations to inspire young minds to pursue STEM (Science, Technology, Engineering, and Mathematics) fields.

FURTHER PROPOSED ACTIVITIES OF THE CLUB:

- Hackathons and Makeathons: Organize hackathons or makeathons focused on robotics, where teams have a limited time to design, build, and program a robot to solve a specific challenge or perform a particular task. These events encourage creativity, teamwork, and quick problem-solving.
- Tech Talks and Workshops: Invite experts from the industry or academia to conduct tech talks and workshops on advanced robotics topics, such as artificial intelligence in robotics, computer vision, machine learning for robotics, etc. These sessions can expose members to cutting-edge developments in the field.
- Outreach to Local Industries: Collaborate with local industries that use robotics and automation technologies. Arrange visits to their facilities, learn about their processes, and explore potential internship or job opportunities for club members.
- Autonomous Vehicle Projects: Undertake projects focused on building autonomous vehicles, such as self-driving cars, delivery drones, or underwater ROVs (remotely operated vehicles). These projects can challenge members to implement sophisticated algorithms for navigation and obstacle avoidance.

TIMING OF THE CLUB:

- Activity time between 3pm to 5pm.

FACULTY IN CHARGE:

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PHOTOGRAPHS OF DIFFERENT ACTIVITIES:



