



RoboSub 2023

Optional Community & Outreach Submission

School/Organization Name: Brac University
Team Name: BRACU Duburi
Generic Team E-mail: bracaduburi@gmail.com
Submission Date: April 4, 2023

Community & Outreach Submission

A key objective of the RoboSub program is to strengthen and enhance the community. Teams are encouraged to participate in educational outreach activities and describe those activities here. Maximum 500 words

Community & Outreach Description:

As the first underwater autonomous vehicle in Bangladesh, Bracu Duburi has revolutionized the fields of education and technology, sparking a wave of community outreach and fostering significant growth in these domains. Through a series of workshops and campaigns, we have actively engaged with schools, colleges, and institutions, imparting knowledge about robotics and underwater robotics.

The introduction of Bracu Duburi has acted as a catalyst for educational growth, inspiring curiosity and enthusiasm among students and educators alike. By visiting numerous educational institutions, we have conducted workshops that serve as a platform for learning the fundamentals of robotics and underwater robotics. These interactive sessions have not only equipped participants with practical skills but have also ignited a passion for exploring the possibilities of these cutting-edge technologies.

The campaigns "Robotics for All" and "Robot Robots Beneath the Water, Conquering the World" have played a pivotal role in promoting awareness about robotics, marine life, and oceanography. These campaigns have acted as powerful vehicles for showcasing the potential of robotics to revolutionize underwater exploration and research. By bringing attention to the importance of marine ecosystems, we have inspired the future generation to embrace robotics and its potential applications.

Through our workshops and campaigns, we have garnered substantial sponsorships, which have further fueled our mission. These sponsorships have allowed us to reach a wider audience and expand our initiatives, enabling us to provide advanced resources and equipment to educational institutions. By bridging the gap between academia and industry, we have created a symbiotic relationship that fosters innovation, research, and development.

The impact of our outreach efforts has been profound, as evidenced by the growing interest and participation in robotics-related programs. Students who previously had limited exposure to these fields now have access to practical learning opportunities. Moreover, our workshops have also served as a platform for mentorship, connecting students with experts in the field and offering guidance for their academic and professional journeys.

The Bracu Duburi initiative aligns with the objective of the Robosub '23 program, which aims to strengthen and enhance the community. By nurturing a culture of technological innovation and collaboration, we seek to empower individuals to shape the future. Our workshops and campaigns, which have fostered community outreach, have been instrumental in achieving this objective.

The introduction of Bracu Duburi, the first underwater autonomous vehicle in Bangladesh, has brought about a wave of educational growth. Through our initiatives, we have created awareness among

robonation.org



students, educators, and the general public about the potential of robotics and underwater robotics. The future looks promising as we continue to inspire the younger generation to embrace the possibilities offered by robotics and contribute to the betterment of society as a whole.

robonation.org

RoboNation, Inc. | 3100 Clarendon Blvd, Suite 1200 | Arlington, VA 22201