

Report of RESEARCH CELL 2019-20

Teacher Members

Dr. Tanusree Chaudhuri
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Objectives of the Research Cell are: i) To develop research culture among the students

ii) To promote excellence in research among the teachers

University and Inter-collegiate level activity

- **Avishkar Research:** Avishkar Research Convention provides a platform to the students and teachers to develop their skills and explores areas of knowledge as well as unexplored areas of enquiry.
Following Students participated in **14th Avishkar Research Convention, University of Mumbai 2019-20, Zonal Level, held on 24th December,2019 at Vivekananda Education Society's College of Arts, Science and Commerce, Chembur.**

Project Title	Name of The Students	Class
GRASSY: THE SMART SOLAR GRASS CUTTER ROBOT	i) Poojary Suraj Sadhu (Presenter) ii) Nadar Gopinath Jayaraman	TY B.Sc. IT
TECH HELMET 2.0: THE SMART HELMET	i) N Saranraj Nagaian (Presenter) ii) Nadar Gopinath Jayaraman	TY B.Sc. IT
AGRY: THE AGRICULTURAL DRONE	M Sruthi Suresh Nisha (Presenter) Nadar Gopinath Jayaraman	TY B.Sc. IT
WIRY: THE WIRE TRANSPORTAION DRONE	i)Parakkal Ashish Sasikumar (Presenter) ii) Nadar Gopinath Jayaraman	TY B.Sc. IT
TECH BOX: THE SMART MULTI CONNECTOR DEVICE	i) Nadar Gopinath Jayaraman (Presenter)	TY B.Sc. IT

- Mr. Gopi Nadar of T.Y.B.Sc.IT and Mr. Poojary Suraj of T.Y.B.Sc.IT participated in Avishkar Research Convention, University of Mumbai, Zonal Level held on 24th December,2019 and selected for Final Round district level Avishkar Research Convention (Topic: Grassy: The Smart Solar Grass Cutter Robot) University of Mumbai, held on 2nd January 2020 at Fr.C. Rodrigues Institute of Technology, Vashi, Navi Mumbai. The project was guided by Prof. Maria Muthukumar.
- Mr. Gopi Nadar of T.Y.B.Sc.IT has been adjudged **Best Paper Presenter in National Conference** on Emerging Innovations in Information Technology, Prospect and Challenges' at S.M.Shetty College of Science, Commerce and Management Studies Powai, held on 14th September 2019. He presented research paper on 'Tech Helmet: The Smart Helmet.

Online Research Workshop University Level

Organized Online Research Workshop (University Level) on 'Art of Writing A Minor Research Proposal' on 17th June,2020. Dr. Moushumi Datta, Professor in Geography, N.L.College was the resource person of the workshop. She elucidated about process of writing a proposal from research idea to submission to the funding body. In her presentation she explained to the participants, starting from how to select a topic to review of literature, objectives, methodology, analysis, how to prepare chapters etc. in details.

Budget is an important aspect of a project. Hence, she explained how researchers need to present their research ideas and make the budget in detail to convince the funding agencies about the usefulness of their research work.

38 participants of different colleges of Mumbai University had participated in the workshop and submitted a positive feedback of the workshop.