






Chembur Trombay Education Society's
N.G. Acharya & D. K. Marathe of Arts, Science & Commerce
N.G. Acharya Marg, Chembur, Mumbai- 400071

PHYSICS DEPARTMENT

Faculty members:

Photograph of Faculty (Passport Size)	Name	Designation	Qualification	Specialization (if Any)
	<i>Prof. Meer Liaquat Ali</i>	<i>Head of Dept, Associate Professor</i>	<i>M.Sc, M. Phil</i>	<i>Solid State Electronics</i>
	<i>Dr. Swarnalata A. Sunatkari</i>	<i>Assistant Professor</i>	<i>Ph. D</i>	<i>Solid State Electronics</i>
	<i>Prof. Shraddha Bhilare</i>	<i>Lecturer</i>	<i>M.Sc. B.ed.</i>	<i>Electronics</i>

<i>Year of Establishment</i>	1982
<i>Webinars Conducted</i>	A webinar on the topic “Experimental Physics” was organized by the department on 29 th August 2020. The Guest Speaker was Mr. Shirish Pathare, Scientific Officer, HBCSE, Mumbai.
<i>Annual programme/s</i>	Physics Fair is the annual event of the department. It is organized to promote research culture amongst the students. The Events under Physics Fair are Power Point Presentation, Poster Competition and Exhibition.
<i>Study visits:</i>	The Department had organized a visit to Bhabha Atomic Research Centre (BARC), Mumbai.
<i>Community Outreach Programme</i>	Fascinating World of Science ” is the workshop organized by the Department of Physics for std X students of nearby schools.
<i>Guest Lectures:</i>	The Department organizes Guest lectures by eminent academicians every year on topics related to Current trends in Science and Technology.
<i>Achievement by Faculty members</i>	 International Publication Dr. Swarnalata Sunatkari has published a research paper in International peer reviewed journal RSC Advances on the topic: <u>Surfactant-dependant thermally induced nonlinear optical properties of l-ascorbic acid-stabilized colloidal GNPs and GNP-PVP thin films.</u> Publication Details: RSC Advances 9 (27) (2019), 15502-15512. Impact Factor: 3.4
	 Minor Research Project Dr. Swarnalata Sunatkari is sanctioned Minor Research Project grant of Rs. 60,000/- for her project proposal titled <u>“Nonlinear Optical Properties of Semiconducting Nanomaterials”</u> by University of Mumbai in the year 2018-2019.
<i>Current Status</i>	The Department offers FYBSc and SYBSc courses in Physics.
<i>Future Plans</i>	The Department plans to raise funds from University and UGC schemes to improve the curriculum by providing access to specialized infrastructure for upgraded instruments and research facilities.