



Department Profile

The Department of Physics was established in 1990. The Department has been running undergraduate programs F.Y.B.Sc since inception and S.Y.B.Sc from the next academic year. The Department takes all efforts to fulfil the goal of students by providing all the possible facilities, which encourage them to strengthen their capacity of self-preparation and motivate them for their higher study and research.

The Department provides an interface to the students to associate with institutes and industries.

Name of Faculty	Designation	Qualification	Details
W.K. Gagare	Associate Professor	M.Sc. Physics	Profile

Courses and Syllabus

F.Y.B.Sc

PHY-111 Mechanics and Properties of Matter

Sem-I PHY-112 Physics Principles and Applications

PHY-113 Physics Laboratory – 1A

Sem-II PHY-121 Heat and Thermodynamics

PHY-122 Electricity and Magnetism

PHY-123 Physics Laboratory – 1B

S.Y.B.Sc

PHY-231 Mathematical Methods in Physics

Sem-I PHY-232 Electronics

PHY-233 Physics Laboratory – 2A

Sem-II PHY-241 Oscillations, Waves and Sound

PHY-242 Optics

PHY-243 Physics Laboratory – 2B

Ability Enhancement Compulsory Course

PHY-2310 Environment – I PHY-2311 Language – I

CURRICULUM VITAE

Mr. W. K. Gagare

Arts, Science & Commerce College, Manmad

Name: - Mr. Gagare Waman Kachru

Department: - Physics

Designation: - Head and Associate Professor

Educational Qualification: - M.Sc. (Physics)

Address: - At-Waghdardi, Post-Vadgaon Pangu, Tal-Chandwad (Nashik)

E-mail:- gagarewaman@gmail.com

Office Contact No: - 02591-222342

Mobile No: - 7588037250

Date of Birth: - 02-06-1963

Teaching Experience: - 28 Years (UG) out of which 8 years & 4 months at S.I.E.S. College, Sion(W), Mumbai-22

Member of College Committees: - Science Association Committee, Roll call & Attendance Committee, Placement cell committee.

Orientation/Refresher Courses:

1. Completed the General orientation programme conducted at the UGC-Academic Staff College, University of Pune, from 11/10/1993 to 8/11/1993 under the UGC Scheme.
2. Completed the Refresher Course conducted at UGC-Academic Staff College, Goa University, from 02/01/1997 to 22/01/1997 under the UGC Scheme.
3. Completed the Refresher Course conducted at UGC-Academic Staff College, University of Pune, from 10/01/2000 to 05/02/2000.
4. Completed the Refresher Course conducted at UGC-Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, from 01/03/2004 to 22/03/2004.



Extension Work/ Community Service

1. Worked as presiding/polling officer for different parliamentary and Maharashtra Assembly Elections.
2. Worked as Programme Officer of NSS in Arts, Science & Commerce College, Manmad.

Sr. No .	Title of Seminar / Conference /Work shop	Level	Place	Date, Month and Year
1	LASERS-The Wonder Light	District	G.N.Khalsa College, Matunga	12th Jan,2006
2	Recent Trends in Electronics	State	M.S.G. College, Malegaon	4th & 5th December,2008
3	Biomedical Sensors And Instrumentation	District	M.S.G. College, Malegaon	6th Feb,2010
4	Recent Trends in Sensors And Advanced Materials	State	M.S.G. College, Malegaon	27th and 28th Jan,2010
5	Nano Materials	District	A.S.C College, Kalwan	18th Jan,2011
6	Recent Trends in Biophysics And Medical Electronics	State	K.J.Somaiya College, Kopargaon	10th and 11th Feb,2012
7	Revision of Syllabus for B.Sc.(Physics)	District	K.K.W. Arts, Science And Commerce College, Pimpalgaon	26th Dec,2012
8	Recent Trends in Nano Technology	State	L.V.H Mahavidyalaya,	28th and 29th December,2012

			Panchavati, Nasik	
9	Nanomaterials and their Applications	International	L.V.H Mahavidyalaya, Panchavati, Nasik	18th to 20th January,2018
10	Innovative Practices in Teaching Chemistry: A Biotechnological Approach	State	M.G. Vidyamandir, Arts, Science and Commerce College, Manmad	10th to 11th January,2018
11	Waste Management Strategies Reduce, Reuse and Recycle	State	M.G. Vidyamandir, Arts, Science and Commerce College, Surgana, Nashik	17th to 18th January, 2019



Science Exhibition



Lab Work



Seminar