

Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science Mahavidyalaya, Warud
Department of Physics
ANNUAL REPORT
(2013-2014)

During academic year 2013-2014 teaching work started from 21st June, 2013. Physics department has undergraduate courses. There are three lectures at senior (UG) level and one at junior level working in the department. In addition to this, nine CHB- Teachers are working during this academic year.

Departmental Activities:-

- 1 Physics Association of under graduate students has been formed on 29th August, 2013 Prof. M.A.Mahure, Asso. Prof. and Head, Dept. and Miss. Anju Ashok Pakhale, Asstt. Professor played their roles.

The aim of the association is to enrich the knowledge of physics in various fields and to boost scientific temper of the students.

Names and posts of the office bearers of the association are as follows:

S.N.	Name	Class	Post
1	Miss. P.D.Bhongade	B.Sc. III	President
2	Miss.R.C.Sheikh	B.Sc. III	Vice-President
3	Mr. P.R.Takarkhede	B.Sc.III	Secretary
4	Mr.K.V.Bansod	B.Sc.I	Joint-Secretary
5	Mr.K.D.Shegekar	B.Sc.III	Treasurer
6	Miss.C.P.Wankhade	B.Sc.II	Executive Member
7	Mr.N.S.Deshmukh	B.Sc.II	Executive Member
8	Miss.S.R.Khan	B.Sc.I	Executive Member
9	Mr.S.R.Sawant	B.Sc.II	Executive Member

Activities of Physics Association:

Tour and Training:

- 1) A.Group of 80 students belonging to B.Sc. Part-I, II and III visited the renowned Raman Science Centre, Nagpur on 17th August 2013. Prof. M.A.Mahure and Prof. Miss. Anju A.Pakhale were the incharge of the same. Auditorium show, experiments regarding liquid Nitrogen and science exhibition were specially organized by the centre.

- 2 Unit Tests:

As S.G.B.Amravati University, Amravati introduced Semester Pattern (from 2009-10), class tests for SEM-1, SEM-2, SEM-3, SEM-4, SEM-5 and SEM-6 were conducted.

In addition to that, model question papers were prepared as per the semester pattern and supplied to all the students. These model question papers help to get accustomed with the new pattern.and to enhance the subject knowledge of students

3 Class Room Seminars:

Classroom Seminars of SEM-1, SEM-2, SEM-3, SEM-4 SEM-5 & SEM-6 were conducted. Reports on the seminar delivered were submitted by the students.

4 Assignments:

Assignments were given to the students of SEM-1, SEM-2, SEM-3, SEM-4, SEM-5 & SEM-6. Internal assessment marks were allotted on the basis of their performance.

5 On Going Research work (Minor Research Project):-

- i. 'Preperation and to Study the Characterization of Metal Sulphide- Metal Deposited Nano-Crystal, using Scanning Electron Microscope & Optical Absorption Spectrum.'

Principal Investigator:- Dr. D.V.Atkare

Principal, Mahatma Fule Mahavidyalaya,
Warud

Dr-

Co-Investigator:-

U.E.Chaudhari,

HOD, Dept. of Chemistry

Mahatma Fule Mahavidyalaya,
Warud

Amount sanctioned (by UGC) Rs. 1,80,000/-

(Rupees One Lac Eighty Thousand Only)

Preperation of conducting from Naturally Occuring Polymer (

- ii. Synthesised

from plants) Composit (CPC) and to study the Conductivity of Conducting Polymer.'

Principal Investigator:- Shri M.A.Mahure

HOD, Dept. of Physics,

Mahatma Fule Mahavidyalaya, Warud

Co-Investigator:-

Dr.U.E.Chaudhari,

HOD, Dept. of Chemistry,

Mahatma Fule Mahavidyalaya, Warud

Amount Sanctioned (by UGC):- Rs. 1,40,000/-

(Rs. One Lac Forty Thousand Only)

The research work is being continued since last year .

- iii. Miss.Anju A.Pakhale, Asstt. Prof. is doing research work for Ph.D. degree under the guidance of Dr.P.R.Arjunwadkar, Asso. Prof., Dept. of Physics, Institute of Science, Nagpur.

She is doing her research work on 'Study of Sructural, Electrical and Magnetic Properties of Substituted Lanthanum Mangnites.'

6 Conference / Seminar / Workshop / etc. (Attended):-

Dr.D.V.Atkare, Principal

- i. Attended UGC sponsored National Conference on- 'Nanaomaterials: New

Horizon for Betterment of Mankind' organized by Science College, Congrss Nagar, Nagpur on 28th February, 2013.

- ii. Attended Special NSS camp at Wathoda from 14th to 20th Dec, 2012.
- iii. Attended State Level Workshop on 'Performance Based Appraisal System for Promotions Under Career Advancement Scheme of College Teachers' held on Monday, 25-3-2013 organized by M.F.Mv., Warud

Mr.M.A.Mahure, Head of the Dept.

- i. Attended UGC sponsored National Conference on-
Nanaomaterials: New Horizon for Betterment of Mankind'
Organized by Science College, Congrss Nagar, Nagpur
Held on 28th February, 2013.
- ii. Worked as LEC Member and visited Harikisan Maloo Institute of Management
Technology, Amravati on 11th December 2013.
- iii. Attended Special NSS camp at Warud in Dec, 2013.
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for Promotions Under Career Advancement Scheme of College Teachers'
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DEPARTMENT OF PHYSICS

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Principal Investigator: Dr. D.V.Atkare, Principal,
M.Fule Arts, Commerce and S.C.Science
Mahavidyalaya, Warud

Co-investigator: Dr.U.E.Chaudhari, Head, Dept. Of Chemistry,
M.Fule Arts, Commerce and S.C.Science
Mahavidyalaya, Warud

Amount Sanctioned(by UGC):
Rs. 1,80,000/-

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Principal Investigator: Shri M.A.Mahure, Head, Dept of Physics,
M.Fule Arts, Commerce and S.C.Science
Mahavidyalaya, Warud

Co-Investigator: Dr.U.E.Chaudhari Head, Dept of Chemistry,
M.Fule Arts, Commerce and S.C.Science
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