



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Government of India



Anekant Education Society's

JAYSINGPUR COLLEGE JAYSINGPUR

Religious Jain Minority | DST-FIST Level-I

Affiliated to Shivaji University, Kolhapur

Reaccredited by NAAC (3rd Cycle) with 'A' Grade (CGPA 3.24)

DBT-STAR COLLEGE SCHEME

(2024-25)

JOINT ACTIVITY REPORTS

Dr. Sandip Sabale

Coordinator

DBT-STAR COLLEGE SCHEME

Dr. Surat Manjare

Principal

JAYSINGPUR COLLEGE JAYSINGPUR

Anekant Education Society's
JAYSINGPUR COLLEGE JAYSINGPUR

Reaccredited with 'A' grade by NAAC (CGPA 3.24)
DBT STAR Supported College
Dist. Kolhapur, PIN-416101 Maharashtra

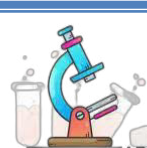
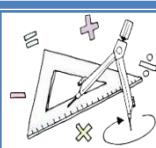


Unleashing Curiosity: Metric Students Science Awareness Workshop (Year II)



Sponsored by

DBT-STAR College Scheme



2024

Coordinator

Dr. S. R. Sabale

Principal

Dr. S. A. Manjare

Convenors

Dr. P. P. Chikode

Dr. S. D. Umdale

Dr. R. S. Dhabbe

Dr. P. R. Patil

Dr. S. R. Patil

5th December 2024

to

6th December 2024

Unleashing Curiosity: Metric students Science Awareness Workshop (Year II)

Faculty of Science under the DBT-Star College Scheme, organized three days Workshop for metric students of various high schools from Shirol tehsil of Kolhapur District from 5th December 2024 to 7th December 2024. This workshop has been an exciting and rewarding experience, filled with moments of wonder and shared enthusiasm. Our goal was to make science engaging and accessible, inspiring a lasting passion for exploration and discovery in every participant. The workshop was officially opened by Principal Dr. S.A. Manjare.

At the core of our workshop was a spirit of scientific inquiry. Participants engaged in hypothesis generation, experimentation, and passionate discussions fuelled by the excitement of exploration. We sought to unravel fundamental questions in physics, biology, and chemistry through practical activities, open debates, and joint problem-solving exercises, deepening our appreciation of the scientific method.

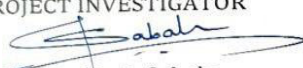
This report is a tribute to the boundless enthusiasm and intellectual curiosity of all participants. It embodies the spirit of scientific adventure that characterized our work and the unique joy of unraveling nature's enigmas. We hope that this report not only records our scientific achievements but also sparks the curiosity and passion of future scientists.

The college extended an invitation to high school students to participate in a workshop held within its Science departments. The workshop saw participation from 558 students representing 17 high schools, who engaged in practical experiments, expert-led talks, tours of the gardens and biodiversity center, and other diverse activities. The workshop was ended with the validictory function and the function was graced by honourable Dr. Subhas adadande by chairing the session.

Details of the participating High-schools

S. No.	Name of the School	No. of Participants
01	Adarsh Vidyalaya, Kothali	81
02	Chandra narayan Baldawa English School, Jaysingpur	22
03	Shri Datta Vidyamandir Highschool, Narasinhawadi	30
04	Ratnasagar Highschool, Nimshirgaon	29
05	Dharangutti Highschool, Dharangutti	56
06	New English School, Shirol	41
07	Ghosarwad Highschool Ghosarwad	23
08	Tarabai Narade Highschool, Nandani	23
09	Shrimati A. A. Patil Highschool, Kanwad	10
10	Shree Danling Vidyalaya, Umalwad	49
11	Laxminarayan Malu Highschool, Jaysingpur	44
12	Mouje Agar Highschool, Agar	28
13	Jambhali Highschool, Jambhali	35
14	Shirati Highschool Shirati	09
15	Anekant English School, Jaysingpur	18
16	Sonabai Patil Highschool, Haroli	14
17	Danoli Highschool Danoli	46
	Total	558



PROJECT INVESTIGATOR

 Dr. Sandip R. Sabale
Coordinator
 DBT-STAR College Scheme
 Jaysingpur College, Jaysingpur

HEAD OF THE INSTITUTION

 Dr. Surat A. Manjare
PRINCIPAL
 Jaysingpur College, Jaysingpur

REPORT ON
National Conference on "Advances in Material and Applied Sciences"



ORGANIZED BY
**FACULTY OF
SCIENCE**

THURSDAY: 20.03.2025

**JAYSINGPUR
COLLEGE
JAYSINGPUR**

Zoom out (Ctrl+Minus key)

| PATRONS |

Shri P. P. Patil Treasurer Dr. M. R. Akkole Secretary Dr. S. B. Adadande Chairman
Local Committee, Jaysingpur College, Jaysingpur
Members, Governing Council, Anekant Education Society Baramati
All members, Local Committee, Jaysingpur College, Jaysingpur

| ORGANIZING COMMITTEE |

Prin. Dr. Surat A. Manjare Chairman

Prof. Dr. M. V. Kale Vice Principal Prof. Dr. R. D. Mane Co-Coordinator Prof. Dr. B. M. Sargar Coordinator
Dr. R. S. Dhabbe Treasurer Dr. G. H. Nikam Organizing Secretary Dr. P. P. Chikode Convenor
Mr. R. D. Shinde I.Q.A.C. Co-coordinator Dr. S. D. Umdale DBT-STAR College Scheme, Coordinator Prof. Dr. T. G. Ghatage I.Q.A.C. Coordinator
Mr. R. D. Tasgaonkar Coordinator, M.Sc. Chemistry

| MEMBERS |

Mrs. V.H. Shinde Prof. Dr. S. S. Mahajan
Dr. S. R. Patil Mr. K. R. Kumbhar
Mr. U. K. Kharade Mr. P. R. Patil

| LOCAL ORGANIZING COMMITTEE |

Dr. A. A. Koli Miss. A. B. Dhandale
Mr. A. P. Mane Mr. C. R. Chivate
Dr. R. R. Ambi Miss. S. A. Magdum
Mr. V. M. Mulla Dr. V. R. Dawande
Dr. A. S. Lokhande Dr. P. B. Karuna
Dr. J. J. Kulkarni Dr. S. J. Mane-Gavade
Mr. M. D. Burud Mrs. K. R. Kanthe
Mr. P. S. Patil Mr. P. R. Pujari



Anekant Education Society's
JAYSINGPUR COLLEGE JAYSINGPUR

Reaccredited with 'A' grade by NAAC (CGPA 3.24)

Dist. Kolhapur, PIN-416101 Maharashtra

**3rd One Day National Conference on
ADVANCES IN MATERIAL & APPLIED SCIENCES (AMAS 2025)**
Sponsored By DBT - STAR College Scheme
20 March, 2025



ORGANIZED BY

Faculty of Science & Internal Quality Assurance Cell

| VENUE |

Conference Hall, Jaysingpur College Jaysingpur

Name of Activity: WORKSHOP ON HANDS ON TRAINING IN PHYSICS

Year:	2024-25
Name of the Activity:	National Conference on "Advances in Material and Applied Sciences"
Date:	20.03.2025
Venue:	Jaysingpur College Jaysingpur
Co-ordinator:	Dr. P.P. Chikode
Organized for:	UG,PG, Researchers
No. of Participants students	180
Teachers	20
Nature:	Academic
Chief Guest/s or Resource Person/s	1) Prof. Dr. A.V. Ghule, Shivaji University, Kolhapur. 2) Dr. Sambhaji Pawar, Sanjay Ghodawat University, Atigre Dist.-Kolhapur

The National Conference on "Advances in Material and Applied Sciences" was successfully organized by the Faculty of Science and the Internal Quality Assurance Cell (IQAC) of Jaysingpur College on 18th March 2025. The conference aimed to explore and discuss the latest developments in material science and its applications, providing a platform for researchers, academicians, and students to exchange ideas and knowledge.

Inauguration Ceremony:

The event began with an inauguration ceremony attended by over 180 participants. The Chief Guest, **Dr. A. V. Ghule**, from the Department of Chemistry, Shivaji University, Kolhapur, was warmly welcomed. The conference was introduced by **Dr. P. P. Chikode**, who outlined the objectives and the significance of the event. **Dr. S. A. Manjare**, Principal of Jaysingpur College, shared his views on the importance of scientific conferences in advancing academic and research excellence.

The **Presidential Address** was delivered by **Shri. P. P. Patil**, Treasurer of the Local Committee, Jaysingpur College, who highlighted the role of such conferences in encouraging collaboration and innovation in the field of applied

sciences. The inauguration session concluded with a **Vote of Thanks** by **Dr. G. H. Nikam**, acknowledging the contributions of all those involved in organizing the conference.

First Technical Session:

The first technical session was chaired by **Dr. B. M. Sargar**, with **Prof. Dr. A. V. Ghule** as the resource person. Prof. Ghule delivered an insightful talk on *Thermal Methods of Analysis*, focusing on various thermal techniques used to analyze the properties of materials. His presentation provided valuable knowledge on the applications of thermal analysis in material science.

Second Technical Session:

The second session was chaired by **Dr. Sanjay Latthe** from Vivekanand College, Kolhapur. The resource person for this session was **Dr. Sambhaji Pawar** from Sanjay Ghodawat University, Atigre. Dr. Pawar discussed *Nanomaterials and Their Applications in Energy Storage Devices*, shedding light on cutting-edge research in nanomaterials and their potential to enhance energy storage technologies such as batteries and capacitors.

Poster Presentation:

The third session featured a poster presentation competition with 30 posters displayed by participants, showcasing their research in various fields of material and applied sciences. The session was evaluated by experts **Dr. Sanjay Latthe** and **Dr. Sandip Nipane** from K. W. College, Sangli. The posters highlighted innovative ideas and ongoing research in the areas of material science, nanotechnology, and energy applications.

Valedictory Session:

The conference concluded with a valedictory session, where **Dr. R. D. Mane** welcomed the Chief Guest for the closing ceremony. **Dr. M. V. Kale** provided an overview of the conference, summarizing the key sessions and discussions held throughout the day. **Dr. G. H. Nikam** announced the winners of the poster competition, recognizing the best presentations from the participants.

In his guidance address, **Dr. M. R. Akkole**, Secretary of the Local Committee, Jaysingpur College, emphasized the importance of such conferences for researchers, encouraging participants to continue their work in material science and explore its practical applications. The event concluded with a **Vote of Thanks** proposed by **Dr. S. S. Mahajan**, expressing gratitude to all the speakers, participants, and organizers for their contributions to the success of the conference.

The National Conference on "Advances in Material and Applied Sciences" proved to be a great success, with over 180 participants engaging in meaningful discussions and sharing their research. The event provided a valuable platform for academic collaboration, fostering a deeper understanding of the latest advancements in material science and its applications in various industries.



Prashant P. Chikode
Dr. Prashant P. Chikode
 Asst. Professor, Dept. of Physics,
 Jaysingpur College, Jaysingpur
 Tal. Shirol, Dist. Kolhapur - 416 101
 Mob. 9422498462
 Email - prashantchikode@gmail.com

HEAD OF THE INSTITUTION
Surat A. Manjare
Dr. Surat A. Manjare
PRINCIPAL
 Jaysingpur College, Jaysingpur