



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

ANNUAL PROGRESS REPORT (2025-26)

DEPARTMENT OF CHEMISTRY

Dr. Rohant S. Dhabbe
Departmental Coordinator

Dr. Sandip Sabale
Coordinator
DBT-STAR COLLEGE SCHEME

Dr. Surat Manjare
Principal
JAYSINGPUR COLLEGE JAYSINGPUR

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**REPORT OF
ONE DAY WORKSHOP ON
"HANDS-ON ACCIDENTAL MEASURE &
FIRE SAFETY: EQUIPMENT AND
TECHNIQUES"**

**JAYSINGPUR
COLLEGE
JAYSINGPUR**

ORGANIZED BY

**NSS,
DEPARTMENT
OF CHEMISTRY,
& DBT STAR
COLLEGE**

Saturday: 14 .07.2025



Anekant Education Society's
Jaysingpur College, Jaysingpur



one day workshop on

"Hands-On Accidental Measure & Fire Safety: Equipment and Techniques"

Jointly Organized by
Shiv Sahayata Disaster Management Center, NSS, Shivaji University, Kolhapur
District Disaster Management Cell, Collector Office Sangli, Department of
Chemistry IQAC & NSS, Jaysingpur College



Under the Aegis
DBT-Star College Scheme



Venue- Library Hall, Monday 14th July, 2025@ 10:00 am



CHIEF GUEST AND RESOURCE PERSON

Mr. Dinkar Kamble

Jeevrakshak, Kolhapur,



Mr. Satyajit Desai

Counsellor SUK,

Mr. Yogesh Agrawal

Yashodarshan Foundation, Kolhapur

First -aid, Fire accident Hands on training
NDRF Team, Jaysingpur

Dr. M. V. Kale
Vice-Principal
Jaysingpur College

Dr. B. M. Sargar
HOD, Chemistry
Organizing Committee

Dr. S. A. Manjare
Principal
Jaysingpur College

Dr.P.T.Mane
NSS-PO,
Jaysingpur College

Dr. R. S. Dhabbe
Convener

Dr. S. R. Sabale
DBT Star Coordinator

Dr. S. D. Umdale
DBT Star Incharge
Coordinator

Dr. S. R. Patil
Dr. G. H. Nikam

Dr. P. P. Chikode.
Mr. K. R. Kumbhar

Mr. P. R. Patil

Name of Activity: One day workshop on
"hands-on accidental measure & fire safety: equipment and
techniques

Year:	2025-26
Name of the Activity:	One day workshop on "hands-on accidental measure & fire safety: equipment and techniques
Date:	14.07.2025
Venue:	Jaysingpur College Jaysingpur
Convenor:	Dr. R.S. Dhabbe,, Dr.P.T.Mane, NSS,PO
Organised for:	College Students, Teachers and staff
No. of Participants students	100
Teachers	18
Nature:	Academic, Social, Emergency response
Objectives of the Activity	To spread awareness on how to build careers in the pharmaceutical industry. and to fostering academic excellence and bridging the gap between academics i.e our B.Sc. and M.Sc. course students and industry.
Chief Guest/s or Resource Person/s	1. Mr. Dinkar Kamble Jeevrakshak, Kolhapur, 2. Mr. Satyajit Desai Counsellor SUK, 3. Mr. Yogesh Agrawal Yashodarshan Foundation, Kolhapur
Short Report	The Kolhapur District Disaster Management Training Workshop was successfully organized at Jaysingpur College on 14 th July 2025 as part of the DBT-STAR College Scheme. Shiv Sahayata Center (SUK), District Disaster Management Cell (Sangli), and College NSS Unit organized the event that included sessions on disaster

	<p>preparedness, first-aid training, and fire safety demonstrations conducted by experts. Eminent speakers such as Dr. S.M. Gaikwad and Prof. P.T. Mane highlighted response strategies based on action, and practical training was offered by NDRE Sangli and local fire department. The workshop, where dignitaries such as Principal Dr. Surat Manjare were present, successfully enriched participants' disaster management capabilities in accordance with DBT-STAR College's community service goals.</p>
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The Kolhapur District Disaster Management Training Workshop held on July 14, 2025, at Jaysingpur College, Kolhapur, was organized under the DBT-STAR College Scheme. The workshop was a collaborative effort by NSS, Shivaji University Kolhapur, District Disaster Management Cell Sangli, Disaster Management Committee of Sangli and Kolhapur, the IQAC, and the College NSS Unit. There was particular attention given to skill and community resilience by the DBT-STAR College Scheme.

The workshop commenced with the inaugural address of Prof. (Dr.) P.T. Mane (NSS Program Officer & Convener) wherein he welcomed the participants and told them about community welfare. The workshop also featured a keynote speech prepared by Dr. S.M. Gaikwad (Coordinator, Shiv Sahayata DDMC, SUK) which focused on proactive responses to disasters, first aid, evacuation, and coordination with relevant agencies.

Two full sessions at this event were: The theoretical session 1, which was led by Dr. P.T. Mane, included the following topics: Mr. Dinkar Kamble, Jeevrakshak, Kolhapur, discussed disaster management (Disaster Management Principles). Mr. Satyajit Desai, Counsellor at SUK, discussed Post-Disaster Psychiatric Guidance. Mr. Yogesh Agrawal from Yashodarshan Foundation discussed Fire Safety & Preventive Measures. Practical Session II, conducted by Prof. (Dr.) K.D. Khaladkar (NSS-PO & Convener) included the following: “First Aid & Emergency Equipment Training” by NDRE Team, Sangli. Fire fighting by the Jaysingpur Nagar Parishad Fire Brigade.



Glimpses during One day workshop on "hands-on accidental measure & fire safety: equipment and techniques


Dr.R.S.Dhabbe
Dept.Coordinator


Dr. Sandp Sabale
Coordinator
DBT-STAR College Scheme
Jaysingpur College, Jaysingpur


PRINCIPAL
Jaysingpur College, Jaysingpur

**REPORT OF ONE DAY WEBINAR
ROLE OF CHEMISTS IN THE
PHARMACEUTICAL INDUSTRY & JOB
OPPORTUNITIES**

**JAYSINGPUR
COLLEGE
JAYSINGPUR**

**ORGANIZED BY
DEPARTMENT
OF CHEMISTRY,
& DBT STAR
COLLEGE**

Saturday: 03 .08.2025



Anekant Education Society's
Jaysingpur College, Jaysingpur
One day Webinar

on
**“ROLE OF CHEMIST IN PHARAMA INDUSTRY
&
JOB OPPORTUNITIES”**



Organized by
Department of Chemistry

Under Agies of
DBT-Star College Scheme



Sunday, 3rd August 2025 @ 2:00 pm

RESOURCE PERSON

Mr. Amitesh P. Drony

Scientist, Team Leader-II., AMD, R&D center
Macleods Pharmaceutical Ltd, Mumbai.



Prof. Dr. B. M. Sargar
HOD, Chemistry

Dr. R. S. Dhabbe
Convener



Organizing Committee

Dr. S. R. Sabale
Coordinator DBT Star
Dr. S. D. Umdale
In- Coordinator DBT Star



Dr. S. A. Manjare
Principal
Dr. M. V. Kale
HOD, Botany

Dr. S. R. Patil

Mr. R. D. Tasgaonkar

Dr. S. J. Manegavde

Dr. P. P. Chikode.

Dr. G. H. Nikam

Dr. A. A. Koli

Mr. P. R. Patil

Mr. K. R. Kumbhar

Mr. V.M.Mulla

**Name of Activity: One day webinar on Role of Chemists in the
Pharmaceutical Industry & Job Opportunities**

Year:	2025-26
Name of the Activity:	One day webinar on Role of Chemists in the Pharmaceutical Industry & Job Opportunities
Date:	03.08.2025
Venue:	Jaysingpur College Jaysingpur
Convenor:	Dr. R.S. Dhabbe
Organised for:	B.Sc I, II, III, M.Sc. I, II Students
No. of Participants students	45
Teachers	03
Nature:	Academic
Objectives of the Activity	To spread awareness on how to build careers in the pharmaceutical industry. and to fostering academic excellence and bridging the gap between academics i.e our B.Sc. and M.Sc. course students and industry.
Chief Guest/s or Resource Person/s	Mr. Amitesh P. Drony Scientist, Team Leader-II., AMD, R&D center, Macleods Pharmaceutical Ltd, Mumbai.,
Short Report	One day webinar on Role of Chemists in the Pharmaceutical Industry & Job Opportunities organized by the Department of Chemistry under agies of DBT star college on 04.08.2025 The webinar commenced with the welcome note, preface of event, Introduction of resource person and this is conducted by Dr. R.S. Dhabbe. Resource person, Mr. Drony sir, provided an introduction and informative talk on

	Role of Chemists in the Pharmaceutical Industry & Job Opportunities. The vote of thanks for session was given by Dr. S. D. Umdale,
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The Department of Chemistry organized a One day webinar on Role of Chemists in the Pharmaceutical Industry & Job Opportunities on 03 /08/ 2025. One day webinar on Role of Chemists in the Pharmaceutical Industry & Job Opportunities organized by the Department of Chemistry under agies of DBT star college on 03.08.2025 The webinar commenced with the welcome note, preface of event, Introduction of resource person and this is conducted by Dr. R.S. Dhabbe. Resource person, Mr. Drony sir, provided an introduction and informative talk on Role of Chemists in the Pharmaceutical Industry & Job Opportunities. The vote of thanks for session was given by Dr. S. D. Umdale,

The resource person for the day, Mr. Amitesh P. Drony, provided an insightful introduction and an informative talk on how to build careers in the pharmaceutical industry. and to fostering academic excellence and bridging the gap between academics i.e our B.Sc. and M.Sc. course students and industry, In session, Dr. S. D. Umdale , delivered a gracious vote of thanks, setting a positive tone for the day.. Under the expert guidance of Mr. Amitesh P. Drony, participants gained hands-on experience in formulating these essential household products, enhancing their practical knowledge and skills significantly. The event was a resounding success and made a significant contribution to the participants' understanding and application of chemistry skills in Pharma industry. We extend our gratitude to all those who contributed to the success of this event, including the organizers, resource persons, and participants, for their active involvement and enthusiasm. We look forward to organizing more such enriching events in the future to continue fostering practical skills and knowledge in our students. In conclusion, One day webinar on Role of Chemists in the Pharmaceutical Industry & Job Opportunities provided valuable practical experience to the students under the expert guidance of Mr. Amitesh P. Drony.

Role of Chemists in the Pharmaceutical Industry & Job Opportunities

Exploring Career Paths and Contributions

RESOURCE PERSON
Mr. Amitesh P. Drony
 Scientist, Team Leader-II., AMD, R&D center
 Macleods Pharmaceutical Ltd, Mumbai.

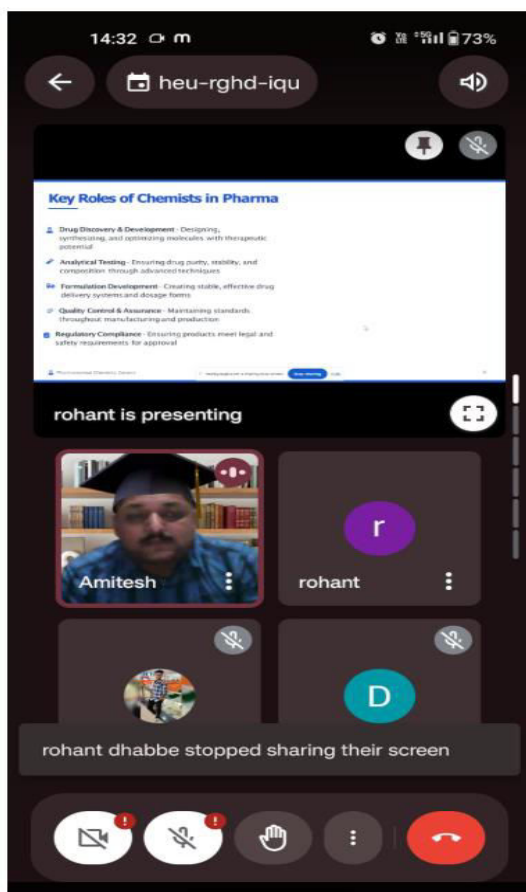
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Regulatory Affairs & Compliance

- Documentation specialists prepare Chemistry, Manufacturing, and Controls (CMC) sections for FDA/EMA approval submissions, translating complex data into regulatory formats.
- Compliance chemists ensure drug products meet ICH guidelines, safety standards, and efficacy requirements throughout the product lifecycle.
- Cross-functional collaboration with legal, quality, and medical affairs teams to maintain regulatory compliance and address post-approval changes.



Pharmaceutical Chemistry Centers



Lecture attendance- **ROLE OF CHEMIST IN PHARAMA INDUSTRY & JOB OPPORTUNITIES** Sunday, August 3 • 2:00 – 3:00pm

Form description

This form is automatically collecting emails from all respondents. [Change settings](#)

Lecture attendance- 3 August 2025 • 2:00 – 3:00pm

Anekant Education Society's
Jaysingpur College, Jaysingpur
 One day Webinar
 on
“ROLE OF CHEMIST IN PHARAMA INDUSTRY & JOB OPPORTUNITIES”
 Organized by
 Department of Chemistry
 Under Agies of
 DBT-Star College Scheme

Full name *

Short answer text

Class (click on any one option to register your class)

B.Sc. 1
 B.Sc. 2
 B.Sc. 3
 M.Sc. 1
 M.Sc. 2

Attendance (click on present to register attendance) *

Present

Glimpses during One day webinar on Role of Chemists in the Pharmaceutical Industry & Job Opportunities


 Dr.R.S.Dhabbe
 Dept.Coordinator


 Dr. Sandp Sabale
 Coordinator
 DBT-STAR College Scheme
 Jaysingpur College, Jaysingpur

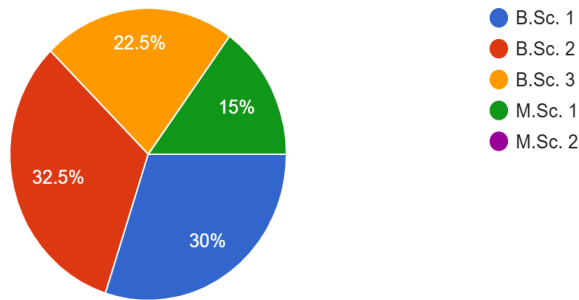

 PRINCIPAL
 Jaysingpur College, Jaysingpur

Timestamp	Email Address	Full name	Class	Attendance
8/3/2025 14:00:23	zainabnadaf1423@gmail.com	Zainab Mirasaheb Nadaf	B.Sc. 1	Present
8/3/2025 14:01:09	saniyainamdar665@gmail.com	Saniya mukhtarpasha inamdar	M.Sc. 1	Present
8/3/2025 14:08:42	susmitasolapure06@gmail.com	Susmita Rajendra Solapure	B.Sc. 3	Present
8/3/2025 14:16:32	maherpatil2004@gmail.com	Maher Sikandar Patil	B.Sc. 3	Present
8/3/2025 14:16:34	ankitachougule2030@gmail.com	Ankita Rajkumar Chougule	B.Sc. 1	Present
8/3/2025 14:17:03	yogeshkurle3@gmail.com	Yogesh Vinayak Kurle	M.Sc. 1	Present
8/3/2025 14:17:14	pranitakoli819@gmail.com	Pranita Ananda Koli	B.Sc. 1	Present
8/3/2025 14:17:25	avishinde1657@gmail.com	Avinash Suresh Shinde	B.Sc. 1	Present
8/3/2025 14:17:56	khatakallesamrudh@gmail.com	Samrudh Mahesh Khatakalle	B.Sc. 2	Present
8/3/2025 14:18:19	vaishali7324@gmail.com	VAISHALI SANJAY PATIL	M.Sc. 1	Present
8/3/2025 14:19:05	sejalgade2024@gmail.com	Sejal Amol Gade	B.Sc. 1	Present
8/3/2025 14:33:12	dhanshree085@gmail.com	Dhanshree Vijay Swami	B.Sc. 3	Present
8/3/2025 14:38:47	balukurane1@gmail.com	Saniya Himmatkhan Sandi	B.Sc. 3	Present
8/3/2025 14:52:51	iliyasmomin.24@gmail.com	Tahura iliyas Momin	B.Sc. 3	Present
8/3/2025 14:53:57	omkarlangare29@gmail.com	Omkar Chandrakant Langare	B.Sc. 3	Present
8/3/2025 14:54:22	virajchavan108@gmail.com	Viraj Chavan	B.Sc. 2	Present
8/3/2025 14:54:23	asiimchillu07@gmail.com	Asim Asgarali Chillu	B.Sc. 2	Present
8/3/2025 14:54:40	rohinipatil200862@gmail.com	Shital sunil suryanashi	B.Sc. 1	Present
8/3/2025 14:54:41	mohdazharpatel00496@gmail.com	PATEL MOHAMMADAZHAR ANWARHUSEN	B.Sc. 2	Present
8/3/2025 14:55:09	sachinbabu808481@gmail.com	Singh SachinKumar Santosh	B.Sc. 2	Present
8/3/2025 14:55:10	kamblegirija33@gmail.com	Girija gangappa kamble	B.Sc. 2	Present
8/3/2025 14:55:11	pandavshreya8@gmail.com	Shreya Tanaji Pandav	B.Sc. 1	Present
8/3/2025 14:56:09	vedikak1605@gmail.com	Vedika sachin kumbhar	M.Sc. 1	Present
8/3/2025 14:56:39	adityamagdum777@gmail.com	Aditya Annaso Magdum	B.Sc. 2	Present
8/3/2025 14:58:05	manesakshi851@gmail.com	Sakshi Chandrakant Mane	B.Sc. 2	Present
8/3/2025 14:58:18	vinaymahadik09@gmail.com	Vinay Sardar Mahadik	B.Sc. 2	Present
8/3/2025 14:58:32	ashwinibalapagol@gmail.com	Ashwini Basavaraj Balapagol	B.Sc. 1	Present
8/3/2025 14:58:45	meghasutar53@gmail.com	Siddhi Vijay Sutar	B.Sc. 1	Present
8/3/2025 14:58:59	shraddhakate02@gmail.com	Shraddha jagdish kate	M.Sc. 1	Present
8/3/2025	magdumpradhyumn@gmail.com	Pradhyumn Pradip	B.Sc. 3	Present

15:01:21	m	magdum		
8/3/2025 15:04:12	piyushheware424@gmail.com	Piyush Gajanan heware	B.Sc. 1	Present
8/3/2025 15:05:06	sangitadubal154@gmail.com	Neha Vishwas Dubal	B.Sc. 1	Present
8/3/2025 15:08:03	pp675567ap@gmail.com	Pallavi Anandrao Patil	M.Sc. 1	Present
8/3/2025 15:11:53	mashrafkorbu6234@gmail.com	Mashraf sultan korbu	B.Sc. 2	Present
8/3/2025 15:12:50	sayedapeerzade786@gmail.com	Sayedagazala SahebPasha peerzade	B.Sc. 3	Present
8/3/2025 15:13:20	shubhangisalokhe1988@gmail.com	Pooja Shivaji Salokhe	B.Sc. 2	Present
8/3/2025 15:16:43	sahilrahul142@gmail.com	Sahil rahul kamble	B.Sc. 1	Present
8/3/2025 15:16:55	bandgarvijay797@gmail.com	Vijay Rajendra Bandgar	B.Sc. 2	Present
8/3/2025 15:22:20	virendrakadale3038@gmail.com	Kadale Virendra vikramsinha	B.Sc. 3	Present
8/3/2025 15:25:40	sandeepkoli80274@gmail.com	Pragati vitthal Koli	B.Sc. 2	Present

Class (click on any one option to register your class)

40 responses



**REPORT OF
ONE DAY WORKSHOP ON
"P.A.S.S. to Safety: Fire Extinguisher
Hands-on Training"**

**JAYSINGPUR
COLLEGE
JAYSINGPUR**

ORGANIZED BY

**DEPARTMENT OF
CHEMISTRY, UNDER
AGIES OF DBT STAR
COLLEGE SCHEME**

Saturday: 12 .09.2025



Anekant Education Society's
Jaysingpur College, Jaysingpur

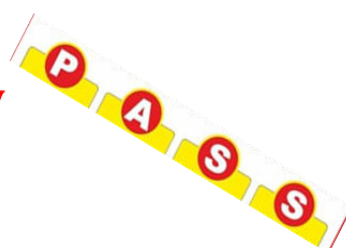


one day workshop on

"P.A.S.S. to Safety: Fire Extinguisher Hands-on Training"



Organized by
Department of Chemistry
Jaysingpur College



Under the Aegis
DBT-Star College Scheme

Venue- Chemistry Laboratory, Thursday 12th September, 2025
Time- 11:00 am



CHIEF GUEST

Dr. M. R. Akkole

Secretary
Local committee
Jaysingpur College, Jaysingpur



Dr. S. S. Mahajan
Sci. Sec. Head
Jaysingpur College

Dr. B. M. Sargar
HOD, Chemistry

Dr. S. A. Manjare
Principal
Jaysingpur College

Organizing Committee

Dr. S. R. Sabale
DBT Star Coordinator

Dr. R. S. Dhabbe
Convener

Dr. S. D. Umdale
DBT Star Incharge
Coordinator

Dr. S. R. Patil

Dr. P. P. Chikode.

Mr. P. R. Patil

Mr. R. D. Tasgonker

Dr. G. H. Nikam

Mr. K. R. Kumbhar

Name of Activity : One day workshop on
"P.A.S.S. to Safety: Fire Extinguisher Hands-on Training"

Year:	2025-26
Name of the Activity:	One day workshop on "P.A.S.S. to Safety: Fire Extinguisher Hands-on Training"
Date:	12.09.2025
Venue:	Jaysingpur College, Jaysingpur
Convenor:	Dr. R.S. Dhabbe
Organised for:	College Students
No. of Participants students	40
Teachers	4
Nature:	Academic, Social, Emergency response
Objectives of the Activity	To spread awareness on how to use fire extinguisher
Chief Guest/s or Resource Person/s	Dr. M.R. Akkole Secretary, Local committee Jaysingpur College, Jaysingpur

Report

A one-day workshop titled "P.A.S.S. to Safety: Fire Extinguisher Hands-on Training" was organized by the Department of Chemistry at Jaysingpur College, Jaysingpur on September 12, 2025, under the DBT-Star College Scheme and it was quite successful. This academic, social and emergency action was an opportunity to impart meaningful knowledge to college students about the use of a fire extinguisher. The workshop was conducted in the Chemistry Laboratory comprising 40 students and 4 teachers. Dr. R.S. Dhabbe was the Convenor, and Dr. M.R. Akkole (the Secretary of the Local Committee) was the Chief Guest. The workshop provided a valuable contribution for the college and students in respect to safety education in a hands-on manner, providing students with emergency action experience, that while they hope they will not need to use in their future, as a life-saving experience, it was ultimately invaluable.

The primary emphasis of the experiential learning segment was on the well-known "P.A.S.S." system for using a fire extinguisher. "P.A.S.S."

refers to Pull the pin, Aim at the base of the fire, Squeeze the handle, and Sweep the fire from side to side. Using visuals and practice demonstrations emphasized the technique of aiming low at the base of the fire, and a safe distance of about six feet was used in the demonstrations. This pedagogy encouraged students to acquire practical knowledge and be more comfortable using a fire extinguisher in a small or localized emergency situation. By incorporating this exercise into the course, Jaysingpur College is successfully teaching students to not only think critically from an academic standpoint, but to also be prepared to act quickly and appropriately when a fire occurs unexpectedly.



Glimpses during
One day workshop on
"P.A.S.S. to Safety: Fire Extinguisher Hands-on Training"


Dr.R.S.Dhabbe
Dept.Coordinator


Dr. Sandp Sabale
Coordinator
DBT-STAR College Scheme
Jaysingpur College, Jaysingpur


PRINCIPAL
Jaysingpur College, Jaysingpur

REPORT OF

Wallpaper and Poster Presentation

**Prevent, Protect, Prevail: Understanding Fire
Classes, Extinguishers, and GHS Symbols**

**JAYSINGPUR
COLLEGE
JAYSINGPUR**

ORGANIZED BY

**DEPARTMENT OF
CHEMISTRY, UNDER
AGIES OF DBT STAR
COLLEGE SCHEME**

Saturday: 25 .09.2025



Anekant Education Society's
Jaysingpur College, Jaysingpur



Wallpaper and Poster Presentation
Prevent, Protect, Prevail: Understanding Fire
Classes, Extinguishers, and GHS Symbols



Organized by
Department of Chemistry
Jaysingpur College
Under the Aegis
DBT-Star College Scheme



Venue- Chemistry Laboratory, Thursday 25th September, 2025
Time- 11:00 am

CHIEF GUEST

Dr. S. A. Manjare
Principal
Jaysingpur College, Jaysingpur



Dr. S. S. Mahajan
Sci. Sec. Head
Jaysingpur College



Organizing Committee



Dr. B. M. Sargar
HOD, Chemistry
Jaysingpur College

Dr. S. R. Sabale
DBT Star Coordinator

Dr. R. S. Dhabbe
Convener

Dr. S. D. Umdale
DBT Star Incharge
Coordinator

Dr. S. R. Patil

Dr. P. P. Chikode

Mr. P. R. Patil

Mr. R. D. Tasgonker

Dr. G. H. Nikam

Mr. K. R. Kumbhar

Name of Activity : Wallpaper and Poster Presentation
Prevent, Protect, Prevail: Understanding Fire Classes, Extinguishers,
and GHS Symbols"

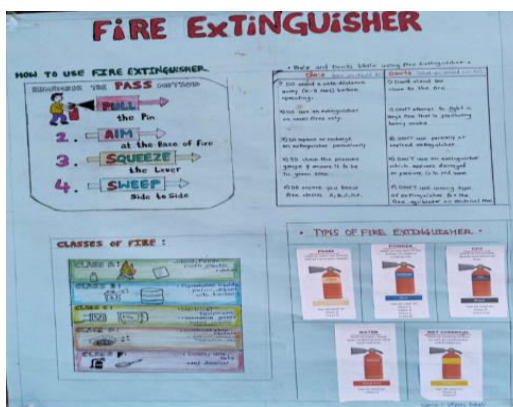
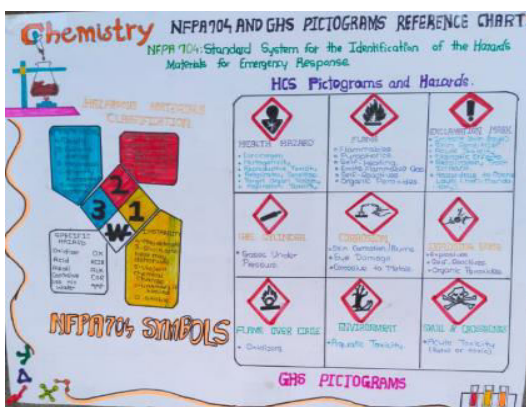
Year:	2025-26
Name of the Activity:	Wallpaper and Poster Presentation Prevent, Protect, Prevail: Understanding Fire Classes, Extinguishers, and GHS Symbols "
Date:	25.09.2025
Venue:	Jaysingpur College, Jaysingpur
Convenor:	Dr. R.S. Dhabbe
Organised for:	College Students
No. of Participants students	49
Teachers	8
Nature:	Academic, Social, Emergency response
Objectives of the Activity	To spread awareness on how to use fire extinguisher
Chief Guest/s or Resource Person/s	Dr. S.A. Majare Principal Jaysingpur College, Jaysingpur

Report-

On September 25, 2025, the Department of Chemistry at Jaysingpur College, through the DBT-Star College Scheme, organized successfully a Wallpaper and Poster Presentation event entitled "Prevent, Protect, Prevail: Knowledge of Fire Classes, Extinguishers and GHS Symbols." The academic and social activity was held in the Chemistry Laboratory, emphasizing key awareness for a specific agenda of informing about the correct application of extinguishing fires with fire extinguishers. The Chief Guest for the work was Dr. S. A. Manjare, Principal of Jaysingpur College, with Dr. R. S. Dhabbe as the convenor. Included in the attendance were 49 students and 8 teachers marking the Colleges commitment to emergency preparedness and educational safety.

This specialized academic activity was explicitly geared to share practical knowledge about chemical safety and fire safety, which is an essential skill for both science students and science faculty. The basic curriculum included the scientific classification of fire (i.e., Classes A, B, C, D, K) and what agents are needed to put it out when the combustion process is interrupted. The presentations also provided fundamental instruction in standardized chemical hazard communication systems, focusing on the NFPA 704 diamond (health, flammability, instability, and specific hazard ratings) and the Globally

Harmonized System (GHS) pictograms that allows users to properly assess risks and respond during an emergency in the laboratory.



Glimpses during
Wallpaper and Poster Presentation
Prevent, Protect, Prevail: Understanding Fire Classes, Extinguishers,
and GHS Symbols


Dr. R. S. Dhabbe
Dept. Coordinator


Dr. Sandp Sabale
Coordinator
DBT-STAR College Scheme
Jaysingpur College, Jaysingpur


PRINCIPAL
Jaysingpur College, Jaysingpur

REPORT ON HANDS-ON TRAINING ON SPECTROSCOPIC AND SEPARATION TECHNIQUES



Gas Chromatograph Trace
1110, Thermofisher



FTIR Spectrometer 4600,
Jasco, Japan



Spectrofluorometer FP8200,
Jasco, Japan



Refractometer, Atago, Japan

**JAYSINGPUR
COLLEGE
JAYSINGPUR**

ORGANIZED BY

**DEPARTMENT
OF CHEMISTRY
AND DBT-STAR
COLLEGE
SCHEME**

Tuesday: 23/12/2025



Anekant Education Society's

Jaysingpur College, Jaysingpur



**Hands-on Training On
Spectroscopic and Separation Techniques
under DBT-Star College scheme**

Organised by
Department of Chemistry,
Jaysingpur College, Jaysingpur

Tuesday 23th December 2025 @ 10:30 am Venue: DST Lab



Miss. M. H. Momin

Miss. N. S. Mujawar

Miss. S. P. Patil

Mrs. A. R. Kanthe

Departmental Members

Dr. S. R. Sabale
DBT-STAR Coordinator

Prof. (Dr.) B. M. Sargar
HOD Dept. of Chemistry

Dr. S. A. Manjare
Principal

Mr. R. D. Tasgaonkar

Dr. R. S. Dhabbe
Dept. Coordinator

Dr. G. H. Nikam

Mr. K. R. Kumbhar

DBT-STAR College Members

Dr. S. R. Patil

Dr. P. P. Chikode

Dr. S. D. Umdale

Mr. P. R. Patil

Name of Activity: Hands-On Training On Spectroscopic and Separation Techniques

Year:	2025-26
Name of the Activity:	Hands-On Training On Spectroscopic And Separation Techniques
Date:	23.12.2025
Venue:	Jaysingpur College Jaysingpur
Co-ordinator:	Dr. S. R. Sabale
Organised for:	B. Sc. Students
No. of Participants students	43
Teachers	04
Nature:	Academic

Department of Chemistry, DST-FIST Analytical instrumentation laboratory and DBT-Star College scheme has organized Hands-On training on spectroscopic and separation techniques on Tuesday 23.12.2025. Dr. S. J. Mane-Gavade, B. Sc. faculty welcomed all B. Sc. Students. Dr. A. A. Koli introduced the theme of this day. The main theme of this workshop was to make the students aware regarding the sophisticated instruments UV Visible spectrophotometer, FTIR spectrophotometer, AAS, HPLC, GC and Fluorescence spectrometer housed in DST-FIST laboratory. The workshop includes hands on training sessions on the sophisticated instruments.

All the students were divided into two groups for receiving effective hands-on training on instruments. Dr. V. V. Jadhav (for Flame photometry), Mrs. A. R. Kanthe (for UV), Miss. M. H. Momin (for PL), Mr. P. S. Chougale

(for GC and HPLC) and Miss. S. P. Patil (for FTIR) gave hands on training to students.

Going by experiences and feedback received from the students, it is very much clear that such exposure to several characterizations is very much helpful for them to improve their knowledge and pursue their research with higher quality. Finally the training was ended with full of happiness.





Jaysingpur, Maharashtra, India
College, Near Main College Gate, Apte Colony,
Jaysingpur, Maharashtra 416101, India
Lat 16.770784° Long 74.55756°
Tuesday, 23/12/2025 01:49 PM GMT +05:30



Jaysingpur, Maharashtra, India
College, Near Main College Gate, Apte Colony,
Jaysingpur, Maharashtra 416101, India
Lat 16.77077° Long 74.55755°
Tuesday, 23/12/2025 01:58 PM GMT +05:30

Dr.R.S.Dhabbe
Dept.Coordinator

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
WORKSHOP ON PERSONALITY DEVELOPMENT AND
INTERVIEW SKILLS**



**JAYSINGPUR
COLLEGE,
JAYSINGPUR**

**ORGANIZED BY
DEPARTMENT
OF CHEMISTRY
AND DBT STAR
COLLEGE
SCHEME**

FRIDAY: 26.12.2025



Anekant Education Society's
Jaysingpur College, Jaysingpur

One Day Workshop on
Personality Development and Interview Skills
2025-26

Under
DBT- STAR College scheme

Organised by
Department of Chemistry,
Jaysingpur College, Jaysingpur

Friday 26th December 2025 @ 10.00 am Venue: Conference Hall



RESOURCE PERSON

Prof. (Dr.) Vijaymala V. Chougule

HOD, Department of Psychology,
Jaysingpur College, Jaysingpur

Departmental Members

Dr. S. R. Sabale DBT-STAR Coordinator	Prof. (Dr.) B. M. Sargar HOD Dept. of Chemistry	Dr. S. A. Manjare Principal
Mr. R. D. Tasgaonkar	Dr. R. S. Dhabbe Dept. Coordinator	Dr. G. H. Nikam
Mr. K. R. Kumbhar		

DBT-STAR College Members

Dr. S. R. Patil	Dr. P. P. Chikode	Dr. S. D. Umdale
	Mr. P. R. Patil	

Name of the Activity: Workshop on Personality Development and Interview Skills

Year:	2025-26
Name of the Activity:	Workshop on Personality Development and Interview Skills
Date:	26.12.2025
Venue:	Jaysingpur College, Jaysingpur
Co-ordinator:	Dr. S. R. Sabale
Organised for:	B. Sc. Students
No. of Participants	80
Teachers	10
Nature:	Academic
Chief Guest/s or Resource Person/s	Prof. Dr. V. V. Chougule, Head and Professor, Psychology Department, Jaysingpur College, Jaysingpur

A workshop on Personality Development and Interview skills was conducted for college students with the objective of enhancing their personal, communication, and professional skills. The workshop focused on helping students understand the importance of personality development and its role in academic success and career growth.

The main objective of the workshop was to build self-confidence among students and improve their communication and interpersonal skills. It also aimed to provide guidance on interview preparation, professional behavior and effective self-presentation during interviews. Cracking an interview and getting selected for the job position is considered to be a challenging task. Having a

right skill set for the respective job designation is a major concern. Considering this, Department of Chemistry and DBT Star college scheme has organized one day workshop on personality development and interview skills on 26th December 2025. Dr. S. R. Sabale, Co-ordinator (M.Sc. and DBT Star College scheme) Jaysingpur College, Jaysingpur has welcomed the guest. Dr. V. V. Jadhav, Jaysingpur College, Jaysingpur has introduced Prof. Dr. V. V. Chougule, Head and professor, Psychology Department, Jaysingpur College, Jaysingpur.

During the workshop, various aspects of personality development such as self-awareness, confidence building, verbal and non-verbal communication, body language, grooming, time management, and stress management were discussed in detail. The speaker emphasized the importance of maintaining a positive attitude and professional behavior in both academic and professional life.

The workshop on interview skills covered different types of interviews, resume preparation, commonly asked interview questions, interview etiquette, and important do's and don'ts. Students were guided on how to handle interview stress and make a good first impression. Practical examples were shared to help students understand the expectations of interviewers.

The workshop was interactive, and students actively participated in discussions by asking questions and sharing their views. The session helped students gain clarity about improving their personality and preparing effectively for interviews. The workshop was informative and beneficial for the students. It enhanced their confidence, communication skills, and readiness to face

interviews. Such workshop plays a significant role in the overall personality development and career preparation of college students. This lecture received good response from students. Dr. S. J. Mane-Gavade proposed vote of thanks.





Dr.R.S.Dhabbe
Dept.Coordinator

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 WEBINOR ON AI DIGITAL TRANSFORMATION
FOR ACADEMIC RESEARCH PERSPECTIVE**



**JAYSINGPUR
COLLEGE
JAYSINGPUR**

ORGANIZED BY

**DEPARTMENT
OF CHEMISTRY
AND DBT-STAR
COLLEGE
SCHEME**

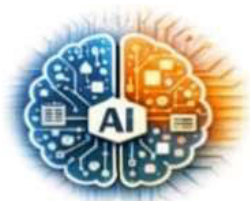
Saturday: 27/12/2025



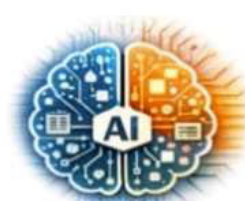
Anekant Education Society's
Jaysingpur College, Jaysingpur



Webinar on
AI Digital Transformation for Academic
Research Perspective



Under
DBT-STAR College Scheme
Organised by
Department of Chemistry



Saturday, 27th December 2025 @ 10:00 am



RESOURCE PERSON

Dr. RUPALI SHINDE

AI TEAM LEADER, H4TECH AI, SEOUL,
SOUTH KOREA



Organizing Committee

Dr. R. S. Dhabbe
Coordinator

Prof. Dr. B. M. Sargar
Head of Department

Dr. S. R. Sabale
Coordinator
DBT Star College

Dr. S. A. Manjare
Principal

Dr. G. H. Nikam

Mr. K. R. Kumbhar

Dr. P. P. Chikode

Dr. S. R. Patil

Dr. S. D. Umdale

Mr. P. R. Patil

Dr. S. J. Mane-Gavade

Dr. A. A. Koli

Dr. V. V. Jadhav

Mr. S. S. Patil

Note: Link will be shared on the same day before 5 minute

**Name of Activity: Webinar on AI Digital Transformation for
Academic Research Perspective**

Year:	2025-26
Name of the Activity:	AI Digital Transformation for Academic Research Perspective
Date:	27.12.2025
Venue:	Jaysingpur College Jaysingpur
Co-ordinator:	Dr. S. R. Sabale
Organised for:	B. Sc. Students
No. of Participants students	58
Teachers	10
Nature:	Academic

Department of Chemistry and DBT-Star College scheme have organized a webinar on the topic “Artificial Intelligence and Digital Transformation” for the benefit of students and faculty members. The program was conducted on 27th December 2025 through Google Meet, and a large number of participants actively joined from different classes. The main objective of organizing this webinar was to introduce students to the latest developments in technology and to help them understand how Artificial Intelligence is becoming an important part of daily life, education, research, and industry. The event began with a welcome speech by the coordinator, Dr. S. R. Sabale who briefly explained the purpose of the session and highlighted the importance of learning about modern digital tools.

The resource person for the webinar was Dr. Rupali Shinde, AI team leader H4Tech AI, Seoul, South Korea, who has been working in the field of Artificial Intelligence. Dr. Shinde began by explaining the simple meaning of Artificial Intelligence and how computers are trained to think, learn, and make decisions like humans. She explained the difference between Artificial

Intelligence, Machine Learning, and Deep Learning with easy examples so that even beginners could understand the concepts clearly.

As the session progressed, the speaker discussed how Artificial Intelligence is transforming the education sector. She explained how digital platforms, online learning systems, smart classrooms, and virtual labs are helping teachers and students. She also talked about tools that assist in writing research papers, summarizing information, detecting plagiarism, checking grammar, and organizing references. According to her, AI can support teachers by saving time on repetitive tasks and allowing them to focus more on creativity and student interaction. She also connected AI with professional growth, explaining how industries like healthcare, business, banking, agriculture, transportation, and entertainment are adopting AI to improve efficiency and decision-making.

Towards the end of the webinar, an interactive question-and-answer session was held. Students asked many interesting questions related to career opportunities, programming languages to learn, online courses, internships, and future scope in Artificial Intelligence. The resource person patiently answered each question and guided students on how to start learning step by step. She advised them to develop logical thinking, problem-solving ability, and continuous learning habits. She also motivated students to participate in workshops, internships, and projects to gain practical knowledge.

The webinar proved to be very useful, informative, and inspiring. Students gained deeper understanding about Artificial Intelligence and its role in digital transformation. They realized how fast technology is growing and how important it is to upgrade their skills. Many participants shared positive feedback and expressed interest in attending more sessions like this in the future. The program came to an end with a vote of thanks to the speaker, organizers, management, and participants. Miss. S. P. Patil proposed the vote of thanks. Overall, the webinar successfully achieved its objectives and created awareness about the responsible and meaningful use of Artificial Intelligence in education and society.


What is AI ?

ARTIFICIAL




+

INTELLIGENCE



=

ARTIFICIAL INTELLIGENCE



Intelligence: "The capacity to learn and solve problems"

Artificial intelligence: Artificial intelligence (AI) is the simulation of human intelligence by machines.

- The ability to solve problems
- The ability to act rationally
- The ability to act like

Future of AI

- Transportation
- Manufacturing
- Healthcare
- Education
- Media
- Customer services
- Defense



FUTURE OF ARTIFICIAL INTELLIGENCE

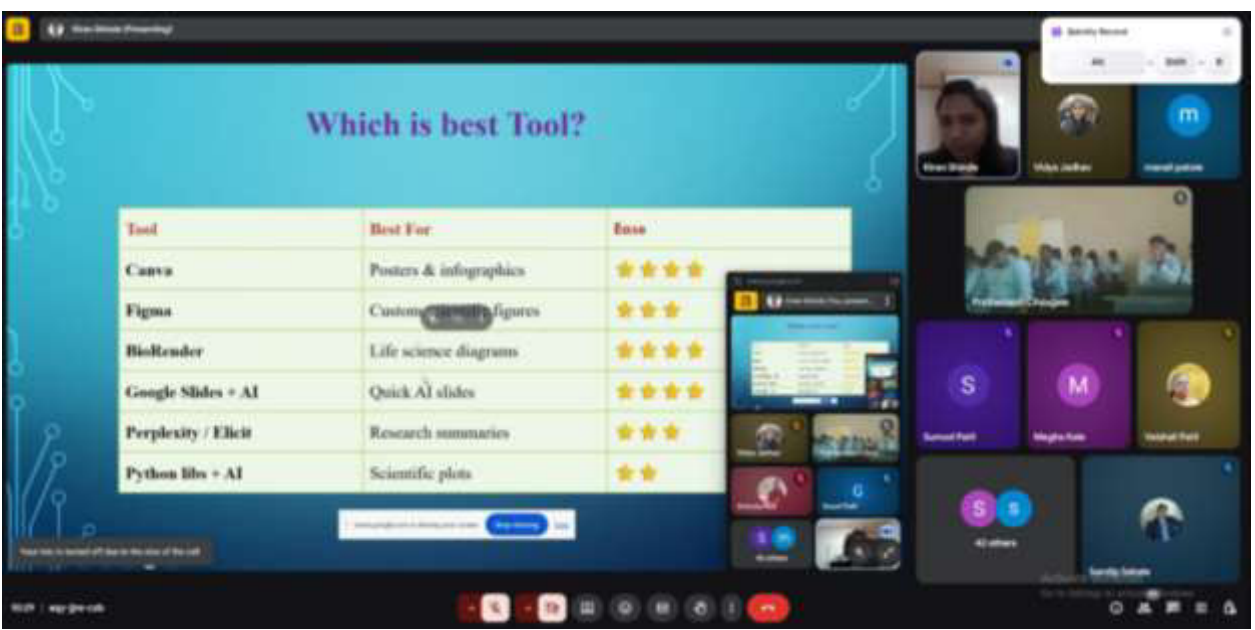
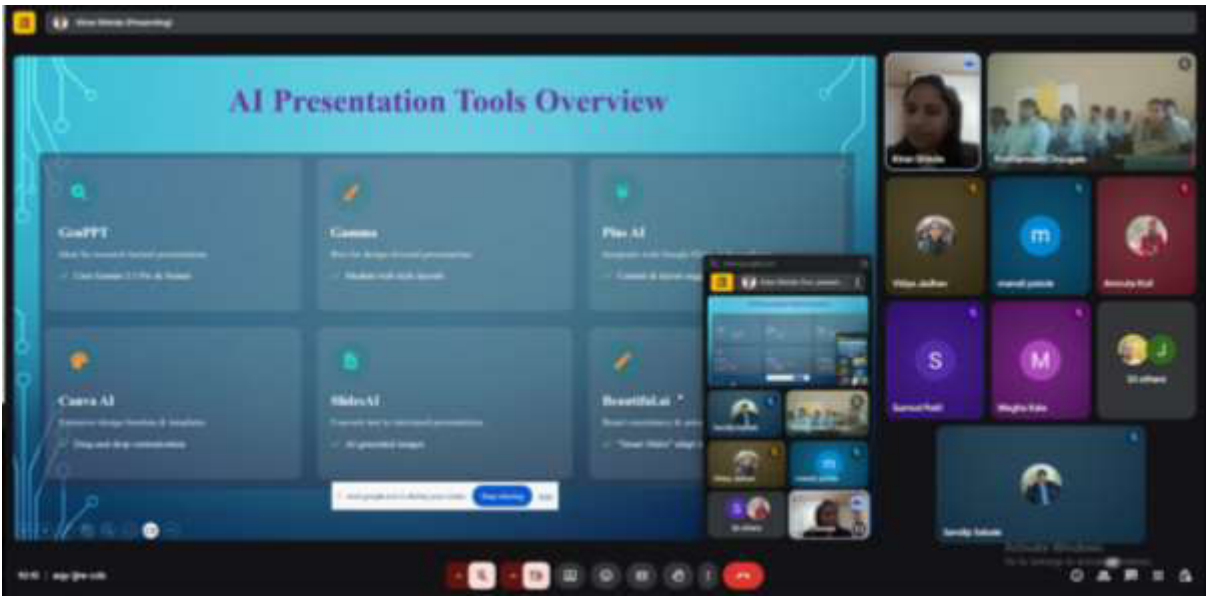
Scientific figures with AI tools

- ✓ CAVA design tool
- ✓ Excellent for figure design
- ✓ Plugins for icons, graphs
- Use for:
 - ✓ Schematics
 - ✓ Flowcharts
 - ✓ Point visuals



Biorender (for life sciences)
 *Science-specific icons & templates
 *Clear font options, underlines, callouts
 *Best for:
 Biology & chemistry visuals

Diagram AI / Diagrams.net (draw.io)
 *Free & simple
 *Drag-drop shapes & arrows
 *Best for:
 ✓ Concept maps
 ✓ Theory flowcharts



R.S.Dhabbe
 Dr.R.S.Dhabbe
 Dept.Coordinator

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

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



Anekant Education Society's
Jaysingpur College, Jaysingpur



Invited Talk on

Navigating Career Options with a Science Degree-Domestic and International Opportunities

Under
DBT-STAR College Scheme
Organised by
Department of Chemistry

Saturday, 17th January 2026 @ 10:30 am



RESOURCE PERSON

Dr. BABASAHEB SANKAPAL

Professor and Head
Department of Physics
Visvesvaraya National Institute of Technology,
(VNIT) Nagpur

Our Patrons

Sh. Padmakar Patil
Treasurer

Dr. Mahavir Akkole
Secretary

Dr. Subhash Adadande
Chairman

All Local Committee Members, Anekant Education Society

Organizing Committee

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Prof. Dr. B. M. Sargar
Head of Department

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Coordinator
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Mr. K. R. Kumbhar

Dr. P. P. Chikode

Dr. S. R. Patil

Dr. S. D. Umdale

Mr. P. R. Patil

Dr. S. J. Mane-Gavade

Dr. A. A. Koli

Dr. V. V. Jadhav

Mr. S. S. Patil

Venue: Conference Hall, Jaysingpur College Jaysingpur

Name of Activity: Report On Navigating Career Options With A Science Degree-Domestic And International Opportunities

Year:	2025-26
Name of the Activity:	Navigating Career Options With A Science Degree-Domestic And International Opportunities
Date:	17.01.2026
Venue:	Jaysingpur College Jaysingpur
Co-ordinator:	Dr. S. R. Sabale
Organised for:	Science Students
No. of Participants students	125
Teachers	10
Nature:	Academic
Chief Guest/s or Resource Person/s	Dr. BABASAHEB SANKAPAL Professor and Head Department of Physics Visvesvaraya National Institute of Technology, (VNIT) Nagpur

Department of Chemistry and DBT-Star College scheme have organized a lecture on the topic Navigating Career Options With A Science Degree-Domestic And International Opportunities for the benefit of students. The program was conducted on 17th January 2026. The event began with a welcome speech by the coordinator, Dr. S. R. Sabale who briefly explained the purpose of the lecture. Miss. Aishwarya Mirajkar, M. Sc. Student, Jaysingpur College, Jaysingpur has introduced Dr. Babasaheb Sankapal, Professor and Head Department of Physics, Visvesvaraya National Institute of Technology, (VNIT) Nagpur. Prof. (Dr.) B. M. Sargar, Head, Department of Chemistry welcomed Dr. Babasaheb Sankapal. A lecture was organized with the objective of guiding

students about various career pathways after graduation, with special emphasis on competitive examinations, NET–SET, and opportunities available abroad. The session was conducted by an experienced resource person Dr. Babasaheb Sankapal who shared valuable insights based on academic knowledge and practical experience. The lecture proved to be informative, motivating, and highly relevant for students aspiring to build successful careers in academics, research, government services, and international domains.

The lecture began with an introduction to the importance of career planning at an early stage. The resource person emphasized that students should be aware of different options available after completing their degree and should align their preparation with long-term career goals. The session then focused on competitive examinations conducted at the national and state levels. He explained various competitive exams such as civil services, state public service commissions, staff selection examinations, banking exams, and other government recruitment tests. Detailed information was provided about eligibility criteria, examination patterns, syllabus structure, and preparation strategies. Students were guided on how to plan their studies, manage time effectively, and maintain consistency during preparation. The importance of regular practice, mock tests, and current affairs was also highlighted.

A significant part of the lecture was dedicated to explaining NET and SET examinations. The resource person elaborated on the National Eligibility Test (NET) and State Eligibility Test (SET), which are essential qualifications for pursuing a career in teaching and research at the university and college levels. The speaker discussed eligibility conditions, subject choices, exam pattern, and the role of NET–SET in securing positions such as Assistant Professor and in pursuing Ph.D programs. The lecture also covered foreign opportunities available for students after graduation and post-graduation. The resource person explained various options such as pursuing higher education abroad, research fellowships, postdoctoral programs, and employment opportunities in international companies and research organizations. Information was given about popular destinations like the USA, UK, Canada,

Germany, Australia, and other European countries. The speaker discussed entrance exams such as GRE, TOEFL, IELTS, and other language proficiency tests, along with guidance on application procedures, scholarships, and funding opportunities. In addition, the resource person highlighted the importance of building a strong academic profile for foreign opportunities. Students were encouraged to focus on academic performance, research projects, internships, publications, and extracurricular activities. The value of recommendation letters, statement of purpose, and global exposure was also explained in detail.

The lecture concluded with an interactive question-and-answer session, where students actively participated and clarified their doubts regarding exam preparation, career choices, and international opportunities. The resource person motivated students to remain focused, disciplined, and confident while preparing for competitive exams and future challenges. The lecture was highly successful and beneficial. It provided clear guidance, practical strategies, and motivation to students regarding competitive examinations, NET–SET qualifications, and foreign career opportunities. The session helped students gain clarity about their career paths and inspired them to work towards achieving their academic and professional goals. Mr. Sourabh Jamdade proposed vote of thanks.





Jaysingpur, Maharashtra, India
 College, Near Main College Gate, Apte Colony,
 Jaysingpur, Maharashtra 416101, India
 Lat 16.7708° Long 74.557592°
 Saturday, 17/01/2026 10:46 AM GMT +05:30



Jaysingpur, Maharashtra, India
 College, Near Main College Gate, Apte Colony,
 Jaysingpur, Maharashtra 416101, India
 Lat 16.770883° Long 74.557607°
 Saturday, 17/01/2026 10:43 AM GMT +05:30



Jaysingpur, Maharashtra, India
 College, Near Main College Gate, Apte Colony,
 Jaysingpur, Maharashtra 416101, India
 Lat 16.770829° Long 74.557689°
 Saturday, 17/01/2026 10:49 AM GMT +05:30



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 College, Near Main College Gate, Apte Colony,
 Jaysingpur, Maharashtra 416101, India
 Lat 16.770784° Long 74.557556°
 Saturday, 17/01/2026 11:50 AM GMT +05:30

Rush
 (Dr. R. S. Dhabbe)
 Dept. Co-ordinator

S. Sabar
Coordinator
 DBT-STAR College Scheme
 Jaysingpur College, Jaysingpur

Amidh
PRINCIPAL
 Jaysingpur College, Jaysingpur

REPORT OF
One Day Workshop on Artificial
Intelligence: Challenges and
Opportunities

JAYSINGPUR
COLLEGE
JAYSINGPUR

ORGANIZED UNDER
Lead College Activity
&
DBT-Star College
Scheme

Wednesday: 04 .02.2026



SHIVAJI UNIVERSITY, KOLHAPUR
and
ANEKANT EDUCATION SOCIETY'S
JAYSINGPUR COLLEGE, JAYSINGPUR



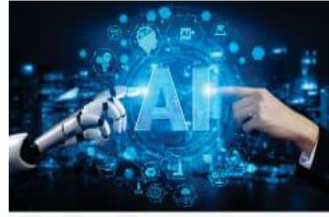
Organised
ONE DAY WORKSHOP

On

**ARTIFICIAL INTELLIGENCE :
CHALLENGES AND OPPORTUNITIES**

Under

LEAD and DBT-STAR College Scheme



RESOURCE PERSONS



Dr. Kavita S. Oza

Associate Professor and Head, Department of Computer Science
Shivaji University, Kolhapur

Dr. Amit J. Chinchwade

Associate Professor and Head,
Department of Artificial Intelligence and Data Science
Sharad Institute of Technology
College of Engineering, Yadrav



Mr. P. P. Patil

Treasurer, Local Committee

Dr. M. R. Akkole

Secretary, Local Committee

Dr. S. B. Adadande

Chairman, Local Committee

ALL LOCAL COMMITTEE MEMBERS, JAYSINGPUR COLLEGE, JAYSINGPUR.

Dr. (Mrs.) S. R. Nakate

Convenor
Lead College

Dr. S. R. Sabale

Coordinator
DBT-STAR College Scheme

Dr. S. A. Manjare

Principal
Jaysingpur College, Jaysingpur

ALL COMMITTEE MEMBERS, JAYSINGPUR COLLEGE, JAYSINGPUR.

Date : 04th February, 2026 @10.00 AM

Venue : Conference Hall, Jaysingpur College, Jaysingpur



Anekant Education Society's Jaysingpur College, Jaysingpur



Lead College Committee and DBT-Star College Scheme

One Day Workshop on Artificial Intelligence: Challenges and Opportunities

Year:	2025-26
Name of the Activity:	Artificial Intelligence: Challenges and Opportunities
Date:	04-02-2026
Venue:	Conference Hall, Jaysingpur College, Jaysingpur.
Co-ordinator:	Dr. (Mrs.) S. R. Nakate.
Chief Guest	Prof. Dr. (Mrs.) K. S. Oza Prof. Dr. A. J. Chinchawade
Organized for:	Students & Faculties from Cluster Lead College
No. of Participants	89
Nature	Lead - Academic
Short Report (in English)	<ul style="list-style-type: none">• Dr. (Mrs.) S. R. Nakate welcomed the guest and participants and highlighted the importance of AI in modern world.• Dr. (Mrs.) D. S. Bamane introduced the guest and briefed the audience about their academic contributions.• In the first session, Asso. Prof. Dr. (Mrs.) K. S. Oza elaborated about on the concept of AI, its evolution, and major areas of application such as education, healthcare, Banking, Finance etc. She also discussed the opportunities and challenges of AI.• In the second session, Asso. Prof. Dr. A. J. Chinchawade delivered lecture on the practical implications of AI in professional and academic life. He emphasized how students can effectively use AI tools for skill development while maintaining academic integrity.• Mr. A. S. Shirguppe, highlighted the growing importance of AI in education and society. He appealed students that they should use AI responsibly as a learning and skill-enhancement tool while upholding ethical values and human intelligence to effectively handle future challenges and opportunities.• Prof. Dr. (Mrs.) V. V. Chougule proposed a vote of thanks to all participants.
Outcome/Remark	Students gained clear understanding of the concept and application of AI. Awareness was created about the challenges, ethical issues, and responsible use of AI. Participants were motivated to develop digital and analytical skills to build bright future in career.


Dr. (Mrs.) S. R. Nakate

One Day Workshop on Artificial Intelligence: Challenges and Opportunities

Report-

In an era defined by rapid technological shifts, understanding the role of Artificial Intelligence (AI) has become a necessity rather than an elective interest. On February 4, 2026, the Department of Commerce had organized a specialized seminar titled "Artificial Intelligence: Challenges and Opportunities" under the Lead College activity and DBT-Star College Scheme. The primary objective of this event was to bridge the gap between theoretical knowledge and the practical, ethical implications of AI in today's professional landscape. Inaugural Session of the program commenced with a warm welcome by the Coordinator, Dr. (Mrs.) S. R. Nakate. In her opening remarks, she underscored how AI is no longer a futuristic concept but a present-day tool reshaping the modern world. Following the welcome, Dr. (Mrs.) D. S. Bamane formally introduced the Chief Guests, providing the audience with an overview of their extensive academic contributions and expertise in the field of computer science and technology.

Session I: Evolution and Application of AI

The first keynote session was delivered by Asso. Prof. Dr. (Mrs.) K. S. Oza. Her presentation provided a comprehensive roadmap of AI, covering:

- The Evolution of AI: From simple rule-based systems to modern neural networks.
- Sectoral Impact: Detailed insights into how AI is revolutionizing Healthcare (diagnostics), Banking (fraud detection), Finance (algorithmic trading), and Education (personalized learning).
- The Dual Nature of AI: She balanced the discussion by highlighting the massive opportunities for efficiency alongside the challenges of data privacy and algorithmic bias.

Session II: Practical Implications and Ethics

In the second session, Asso. Prof. Dr. A. J. Chinchawade shifted the focus toward the practical utility of AI in a student's life. His lecture emphasized:

- Skill Development: Utilizing AI tools to enhance research and productivity.
- Academic Integrity: A crucial discussion on the "dos and don'ts" of using AI in coursework to ensure that human intelligence remains the primary driver of academic success.
- Future Readiness: Encouraging students to view AI as a collaborator rather than a replacement.

Concluding Remarks

Mr. A. S. Shirguppe addressed the gathering regarding the societal impact of AI. He made a compelling appeal to the students to use AI responsibly, urging them to uphold ethical values and rely on their critical thinking skills to navigate the complexities of the future. The Key Outcomes of the event was as follows

The seminar concluded with a vibrant Q&A session, followed by a formal vote of thanks proposed by Prof. Dr. (Mrs.) V. V. Chougule. The participants walked away with several key takeaways:

- Conceptual Clarity: A fundamental understanding of AI and its real-world mechanisms.
- Ethical Awareness: An increased sensitivity toward the ethical dilemmas and responsible usage policies surrounding AI.
- Career Motivation: Participants were inspired to pursue digital and analytical skill sets, recognizing them as the currency of the future job market.
- Collaborative Learning: The event successfully fostered academic interaction between the faculties and students of the Cluster Lead College.



Students Registration



Welcome note given by Dr. (Mrs.) S. R. Nakate and Guest Introduction was given by Dr. (Mrs.) D. S. Bamane



Felicitation of Guest – Asso. Prof. Dr. (Mrs.) K. S. Oza
and Asso. Prof. Dr. A. J. Chinchawade



Glimpse of workshop during delivery of lecture by Resource Person Asso. Prof.
Dr. (Mrs.) K. S. Oza and Asso. Prof. Dr. A. J. Chinchawade



Student's Feedback



Distribution of Certificates and Vote of Thanks by Prof. Dr. (Mrs.) V. V. Chougule

S. R. Nakate
Dr. (Mrs.) S. R. Nakate

S. Sabale
Dr. Sandp Sabale
Coordinator
DBT-STAR College Scheme
Jaysingpur College, Jaysingpur

V. V. Chougule
PRINCIPAL
Jaysingpur College, Jaysingpur

REPORT ON INDUSTRIAL VISIT TO KAPILA POLYMERS & M.N. CHEMICALS

**JAYSINGPUR
COLLEGE
JAYSINGPUR**

**ORGANIZED BY
DEPARTMENT
OF
CHEMISTRY
&
DBT STAR
COLLEGE
SCHEME**

Date-10th to 12th February 2026



Anekant Education Society's Jaysingpur College, Jaysingpur



Organised By: Department of Chemistry, Jaysingpur College, Jaysingpur.

Year:	2025-26
Name of the Activity:	Industrial Visit
Date:	10 th to 12 th February 2025
Venue:	Kapila Polymer, Honnavar and M.N.Chemicals, Kumata
Co-ordinator:	Mr. K. R. Kumbhar, Dr. R. S. Dhabbe
Organised for: College/class/ staff	BSc III Students
No. of Participants	Students-20, staff-4
Nature: (e.g. Academic, cultural, sports etc)	Student Centric, Entrepreneurship
Objectives of the Activity	To enhance the understanding of real-world applications of chemistry
Chief Guest/s or Resource Person/s	-
Short Report (in English)	As part of our academic curriculum, we visited Kapila Polymers, Honnavar, and M.N.Chemicals, Kumata, Karnataka, to gain practical exposure to industrial processes. The visit provided valuable insights into oil extraction and processing techniques used in the polymer industry. Students have gone through practical process of exctarction of crude oil from cashew nut shell. The visit to Kapila Polymers was highly informative and provided students with a practical perspective on chemical processes. The M.N. Chemicals majorly works Dry powder preparation used in I.V. and injectable preparation. It helped them understand the real-world application of their theoretical knowledge. We express our gratitude to the management and staff of Kapila Polymers for their guidance and hospitality.

Report-

The Department of Chemistry Jaysingpur College has organized a three-day industrial visit for final-year students to bridge the gap between classroom theory and industrial practice. This excursion focused on the chemical processing of polymers and pharmaceutical-grade chemical preparation.

Objectives

- To provide students with a first-hand look at large-scale chemical industrial operations.
- To demonstrate the extraction processes and purification techniques used in the polymer and chemical sectors.
- To inspire entrepreneurship by showcasing how raw materials are converted into high-value industrial products.

The industrial visit commenced with a visit to **Kapila Polymers** in Honnavar. The primary focus here was the **extraction of crude oil from cashew nut shells (CNSL)**. Students observed the mechanical and thermal processes required to isolate oil, which serves as a vital raw material in the polymer industry. Understanding the chemical composition and the distillation of this oil provided a practical dimension to their organic chemistry curriculum.

The second phase of the visit took place at **M.N. Chemicals** in Kumta. This facility specializes in the production of **dry powders used in Intravenous (I.V.) and injectable preparations**. Students were briefed on the stringent quality control measures, sterilization protocols, and the precision required in manufacturing pharmaceutical-grade chemicals.

The visit successfully translated theoretical knowledge into a practical perspective. Students gained:

- In-depth knowledge of **solvent extraction** and oil processing.
- An understanding of the hygiene and safety standards required in **pharmaceutical chemical manufacturing**.
- Awareness of the economic potential of chemical-based industries, fostering an entrepreneurial mindset.

Conclusion-

The visit to Kapila Polymers was highly informative and provided students with a practical perspective on chemical processes. It helped them understand the real-world application of their for their guidance and hospitality.



Latitude: 14.301578
Longitude: 74.451198
Elevation: 64.46±2.19 m
Accuracy: 7.4 m
Time: 11-02-2026 13:52
Note: kapila polymer

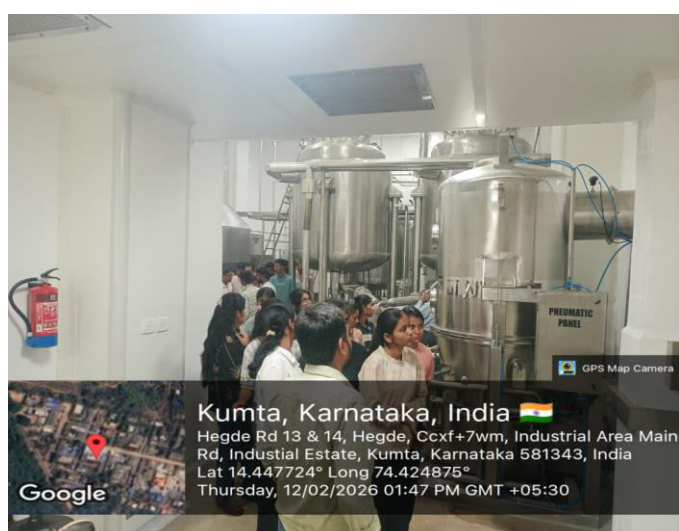
Powered by NoteCam



GPS Map Camera
Kumta, Karnataka, India
Hegde Rd 13 & 14, Hegde, Ccxf+7wm, Industrial Area Main Rd, Industrial Estate, Kumta, Karnataka 581343, India
Lat 14.44786° Long 74.424707°
Thursday, 12/02/2026 02:21 PM GMT +05:30



GPS Map Camera
Kumta, Karnataka, India
Hegde Rd 13 & 14, Hegde, Ccxf+7wm, Industrial Area Main Rd, Industrial Estate, Kumta, Karnataka 581343, India
Lat 14.447703° Long 74.424875°
Thursday, 12/02/2026 01:34 PM GMT +05:30



GPS Map Camera
Kumta, Karnataka, India
Hegde Rd 13 & 14, Hegde, Ccxf+7wm, Industrial Area Main Rd, Industrial Estate, Kumta, Karnataka 581343, India
Lat 14.447724° Long 74.424875°
Thursday, 12/02/2026 01:47 PM GMT +05:30

Glimpse of Industrial visit to Kapila Polymers, honnaver and M.N. Chemicals, Kumata

**KAPILA POLYMERS
HONNAVAR**

Date: 11-02-26

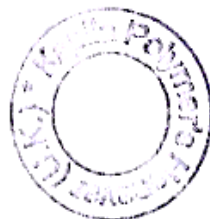
TO WHOMSOEVER IT MAY CONCERN

This is to certify that a group of **B.Sc. Chemistry** students along with **faculty members** from **Jaysingpur College, Jaysingpur** visited our organization, **Kapila Polymer**, on **11th February 2026** as part of their academic curriculum.

During the visit, the students were given an overview of our **oil extraction and processing unit**. They had the opportunity to observe and understand industrial applications of chemistry, which helped bridge the gap between theoretical knowledge and practical implementation.

We appreciate their enthusiasm and keen interest in learning about industrial operations. We wish them all success in their future academic and professional endeavors.

Best Regards,



Prof

M. N. Chemicals Ltd.,
No. 13 & 14 Industrial Estates,
Hegde Road, Uttara Kannada district,
Kumta-58134

Date: 11-02-26


TO WHOMSOEVER IT MAY CONCERN

This is to certify that a group of **B.Sc. Chemistry** students along with **faculty members** from **Jaysingpur College, Jaysingpur** visited our organization, **M. N. Chemicals Ltd.**, on **11th February 2026** as part of their academic curriculum.

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We appreciate their enthusiasm and keen interest in learning about industrial operations. We wish them all success in their future academic and professional endeavors.

Best Regards,


22/2/2026
Jayesh R. Patil


Dr.R.S.Dhabbe
Dept.Coordinator


Dr. Sandp Sabale
Coordinator
DBT-STAR College Scheme
Jaysingpur College, Jaysingpur


PRINCIPAL
Jaysingpur College, Jaysingpur

REPORT OF
Wallpaper and Poster Presentation
Activity on
National Science Day

JAYSINGPUR
COLLEGE
JAYSINGPUR

ORGANIZED BY

DEPARTMENT OF
CHEMISTRY, UNDER
AGIES OF DBT STAR
COLLEGE SCHEME

Saturday: 28 .02.2026



Anekant Education Society's
Jaysingpur College, Jaysingpur



Department of Chemistry

Organizes

On occasion of National Science Day

Wallpaper and Poster Presentation

SCIENCE AND TECHNOLOGY FOR SUSTAINABLE
DEVELOPMENT

Organized by
Department of Chemistry
Jaysingpur College
Under the Aegis
DBT-Star College Scheme

Venue- Chemistry Laboratory, Thursday 28th Feb, 2026
Time- 11:00 am

CHIEF GUEST

**Prof. Jyotiprakash B.
Yadav**

(Head & Senior Scientific Officer, USIC,
Shivaji University, Kolhapur)



Dr. S. S. Mahajan
Sci. Sec. Head
Jaysingpur College

Organizing Committee

Dr. B. M. Sargar
HOD, Chemistry
Jaysingpur College

Dr. S. R. Sabale
DBT Star Coordinator

Dr. R. S. Dhabbe
Convener

Dr. S. D. Umdale
DBT Star Incharge
Coordinator

Dr. S. R. Patil

Dr. P. P. Chikode

Mr. P. R. Patil

Mr. R. D. Tasgonker

Dr. G. H. Nikam

Mr. K. R. Kumbhar

Name of Activity : Wallpaper and Poster Presentation
Activity on National Science Day"

Year:	2025-26
Name of the Activity:	Wallpaper and Poster Presentation Activity on National Science Day"
Date:	28.02.2026
Venue:	Jaysingpur College, Jaysingpur
Convenor:	Dr. R.S. Dhabbe
Organised for:	College Students
No. of Participants students	50
Teachers	5
Nature:	Academic, Social, Emergency response
Objectives of the Activity	To spread awareness on how to use fire extinguisher
Chief Guest/s or Resource Person/s	Prof. Jyotiprakash B. Yadav (Head & Senior Scientific Officer, USIC, Shivaji University, Kolhapur)

Report-

On **February 28, 2026**, the Science Association and the Department of Chemistry at Jaysingpur College organized a **Wallpaper and Poster Presentation** activity to celebrate **National Science Day**. The event was conducted under the prestigious aegis of the **DBT-Star College Scheme**, focusing on the theme: "*Science and Technology for Sustainable Development.*"

Inauguration: The event was formally inaugurated by the Resource Person, Prof. Jyotiprakash B. Yadav (Head & Senior Scientific Officer, USIC, Shivaji University, Kolhapur), alongside the Principal and organizing committee members. Student Participation: Students showcased their creativity and scientific temperament through handmade posters and wallpapers. Key topics displayed included:

- 1) The Modern Periodic Table of Elements.
- 2) Food Adulteration (specifically focusing on milk).
- 3) Applications of Chemistry in daily life and medicine.

Expert Review: Prof. Yadav interacted with the students, providing valuable feedback on their presentations and encouraging them to pursue research-oriented thinking.

The activity effectively promoted the objectives of the DBT-Star College Scheme by fostering a hands-on learning environment. It provided students with

a platform to simplify complex scientific concepts and relate them to the global goal of sustainable development.



Glimpses during Wallpaper and Poster Presentation On occasion of National Science Day


Dr.R.S.Dhabbe
Dept.Coordinator


Dr. Sandp Sabale
Coordinator
DBT-STAR College Scheme
Jaysingpur College, Jaysingpur


PRINCIPAL
Jaysingpur College, Jaysingpur

**REPORT OF
INDUSTRIAL VISIT TO SWABHIMMANI MILK
INDUSTRY**

**JAYSINGPUR
COLLEGE
JAYSINGPUR**

ORGANIZED BY

**DEPARTMENT OF
CHEMISTRY, UNDER
AGIES OF DBT STAR
COLLEGE SCHEME**

Saturday: 08 .03.2026

Name of Activity: Industrial Visit To Swabhimmani Milk Industry

Year:	2025-26
Name of the Activity:	Industrial Visit To Swabhimmani Milk Industry
Date:	08.03.2026
Venue:	Jaysingpur College, Jaysingpur
Convenor:	Mr. K. R. Kumbhar
Organised for:	College Students
No. of Participants students	30
Teachers	2
Nature:	Academic, Social, Emergency response
Objectives of the Activity	To spread awareness on how to use fire extinguisher
Chief Guest/s or Resource Person/s	-

Report-

On March 8, 2026, an industrial visit was organized for the students of B.Sc. III (Chemistry) to Swabhimani Agro Products Producer Company Ltd., located in Nandani. The visit was coordinated under the guidance of Mr. K. R. Kumbhar to provide students with practical insights into the chemical processes involved in the dairy industry. The industry visit is organized by department of Chemistry and under aegis of DBT-Star college scheme.

1. Quality Control & Milk Analysis

Students began the visit in the laboratory section where they observed "Milk Analysis." Experts demonstrated how chemical parameters such as **Fat content, SNF (Solid Not Fat), and acidity** are tested to ensure the milk meets safety standards before processing.

2. Processing Unit

The group visited the main processing floor, which features advanced **Tetra Pak** machinery and an extensive network of stainless steel piping for pasteurization and homogenization. Students learned about the thermal processing required to increase the shelf life of dairy products.

3. Product Diversification

The facility manages the production of several popular dairy items. The staff explained the specific chemical transitions (such as fermentation for Lassi or evaporation for Basundi) required to transform raw milk into:

- **Basundi** (Condensed milk product)

- Lassi (Fermented dairy drink)
- Shrikhand and other related products

The visit proved to be highly educational for the B.Sc. III Chemistry students. Witnessing the transition from raw material to finished product allowed them to appreciate the role of chemistry in food safety and industrial manufacturing. We express our sincere gratitude to Mr. K. R. Kumbhar for organizing this fruitful excursion and to the management of Swabhimani Agro Products for their cooperation.



Glimpses during Industrial Visit To Swabhimmani Milk Industry


Dr.R.S.Dhabbe
Dept.Coordinator


Dr. Sandp Sabale
Coordinator
DBT-STAR College Scheme
Jaysingpur College, Jaysingpur


PRINCIPAL
Jaysingpur College, Jaysingpur