



College with excellence at par

॥ सिद्धिरनेकान्तात् ॥

Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati, 413102

Dr. Chandrashekhar V. Murumkar

PRINCIPAL

Life Time Achievement Awardee

E-mail :- principal@tcccollege.org,
principal.tcccollege@gmail.com

Website : www.tcccollege.org

☎ (02112) 222405, 223635 Fax : (02112) 222728

Religious Minority Institute

• ISO - 9001 - 2015 Certified

• DST FIST 'O' Level

• DBT - Star College Scheme

NAAC Reaccredited 'A+', CGPA 3.55

• Green Audit Certified

• UGC - CPE Status

• UGC - B. Voc. Programme

• Best College Awardee-SPPU

• Best Principal Awardee-SPPU

Affiliated to Savitribai Phule Pune University (Formerly University of Pune) (Id No.PU/PN/ASC/016/1962) Univ. College Code No. 032. HSC Board Code No.J 11.02.001(1976-77)

Date :- 26/03/22

cf. No. AES/TCC/Micro/23

To,

Mrs. Kirti Aphale,

CEO, Q-EDGE, Consultancy & training services,

Pune.

Letter of Appreciation

Dear Madam

With note of appreciation, I would like to thank you for accepting our invitation and conducting workshop on 'Industrial Skills in Microbiology' at the Department of Microbiology of Tuljaram Chaturchand College, Baramati on 14-24th March 2022.

I would like to sincerely thank you for the efforts you have shown in transforming the knowledge about industrial skills to M.Sc. I & M.Sc. II Students of our college. This workshop would be certainly very much beneficial to all the students.

Thanking you.

With Regards

Dr. Sunil T. Pawar

Head, Department of Microbiology



Report on "Industrial Skills in Microbiology"

We have organized ten days online workshop on 'Industrial Skills in Microbiology' from 14th to 24th March 2022.

This workshop was jointly organized by Department of Microbiology, Tuljaram Chaturchand College in collaboration with **Entrepreneurship Development Cell (RUSA)**

The objective of the workshop was to develop new skill set and knowledge of techniques directly applicable to students for their careers in different industries

the key objectives of pharmaceutical microbiology is to ensure safety and efficacy of pharmaceutical products.


The workshop emphasizes the knowledge and skill help them obtain training in areas that most benefit them for bright career. This workshop was useful for students to improve their knowledge and skills, which in turn will motivate, develop and build their confidence to improve job performance by extending knowledge, inculcating skills and modifying attitudes,

Participants were M.Sc. students from Microbiology department. Total 49 participants are benefited by this workshop.

Overall the workshop was very informative and thought provoking.

Noted
ADS

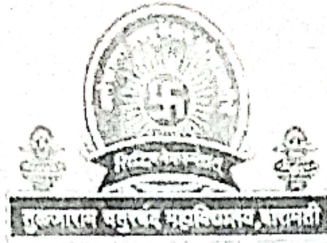
12/3/22


Dr. S. T. Pawar

Head

Department of Microbiology





Tuljara

Anekaant Education Society's

chand College of Arts, Science and Commerce,
Baramati (MH) India

(Autonomous)

Department of Microbiology

Under ED Cell

Organizes

Ten Days online Workshop on
Industrial Skills in Microbiology

Resource Person

Mrs. Kirti Aphale

Consultant and trainer. Q-EDGE. Pune

Organizing Committee

Asst. Pro
Coor

Dr. S. T. Pawar
Head

Department of Microbiology

Dr. V. C
Coor
El

Dr. C. V. Murumkar
Principal
T. C. College, Baramati



Time - Mc 4th Mar, 2022 from 09.00 am to 11.00 am



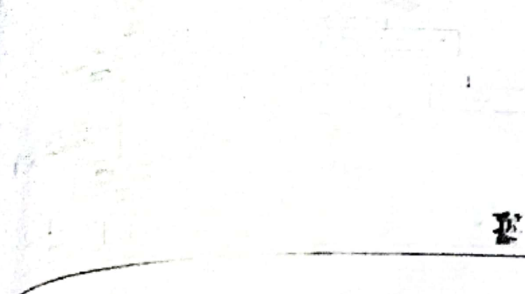
Amekant Education Society
Tuljaram Chaturchand College
of Arts, Science & Commerce (Autonomous)
Baramati, Dist. Pune - 413102 (MH)

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Miss GADIYA NUPUR KRANTIKUMAR
of Class : M.Sc has participated in Ten days workshop on "Industrial skills in Microbiology"
organized by Department of Microbiology and Entrepreneur Development Cell, Tuljaram
Chaturchand College of Arts, Science & Commerce, Baramati from 14 to 24th March 2022.

[Handwritten signatures]
Dr. C.V. More
Principal

Regulations in the Pharmaceutical Industry



ics

sically manufactures bio similar products
sing downstream process and upstream
ess.
raw material is it self bio molecule used
duce same kind of bio molecule
functional department of the business
re
luction
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lity Assurance
cess and development
nology Transfer
cess Engineering
neering services

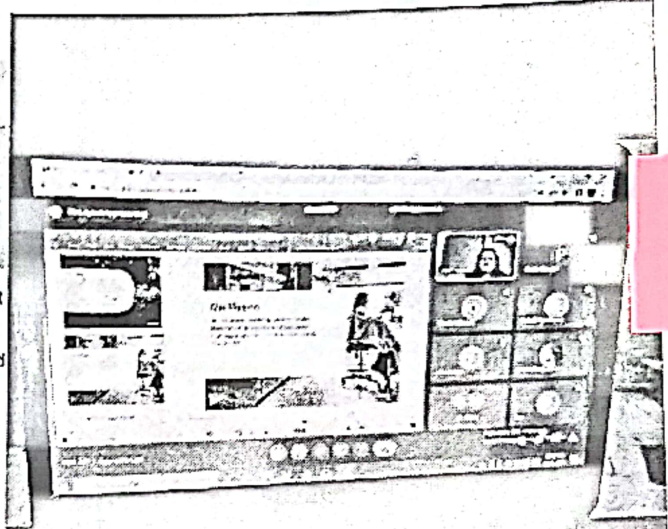
- 8 Projects
- 9 Regulatory Affairs
- 10 Supply chain managt
- 11. Ware house
- 12 Business developm
strategic managemt
- 13 Information Technol
- 14 Finance
- 15. Human Resources
- 16 Administration
- 17. Marketing

Overview of the departments

Pharmaceutical Ingredients (API)

is particular business unit manufactures
its drugs called APIs
e raw materials used are chemically
e functional department of the business
it are
duction
ality Control
lity Assurance
cess and development
hology Transfer
cess Engineering
neering services

- 8. Projects
- 9. Regulatory Affairs
- 10. Supply chain management
- 11. Ware house
- 12. Business development and
strategic management
- 13. Information Technology
- 14. Finance
- 15. Human Resources
- 16. Administration
- 17. Marketing

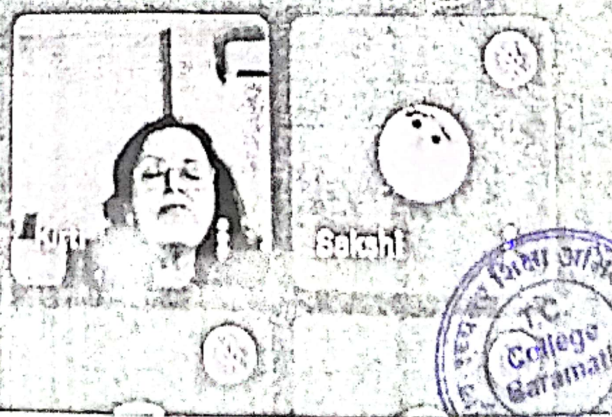


- The graduates will be knowledgeable about contemporary developments and technological challenges
- The graduates will demonstrate ability to conduct experiments, collect, analyze and interpret data
- The graduates will be able to design a process, a product or a system with consideration for quality, reliability, safety, economics, ethics, and environmental sustainability
- The graduates will be able to formulate, execute and manage projects in the pharmaceuticals, bioprocess and biotechnology

It is a rapidly growing area of research and development for affordable medicines
It is emerging as not only a global manufacturing base of the pharmaceutical industry but also as the hub for contract research, clinical trials, biotechnology and clinical data management services
The Indian pharmaceutical industry comprises around 250 large units and about 90,000 small scale units that operate across the pharmaceutical value chain ranging from new drug discovery to marketing and distribution.

Kirti is presenting

Kirti is presenting



7
T.C. Chaturchand College of Arts, Science & Commerce, Baramati
(Autonomous)
(Affiliated to Savitribai Phule Pune University, Pune),

Department of Microbiology and ED CELL
Organizes
Workshop on 'INDUSTRIAL SKILLS IN MICROBIOLOGY'

Date: Monday 14/03/2022 TO 24/03/2022
Budget Utilization

Sr. No.	Name of resource person	Bank account details	Remuneration (Rs)
1	APHALE	1. Bank name: ICICI bank 2. Branch: Aundh, Pune 3. Address: Aundh, Pune 4. Account No: 007301018336 5. IFSC code: ICIC0000073	22500/- (Honorarium, 15 Lectures X 1500/ Rs per lecture)
2	Mr D. Poshi	1. Bank name: Union bank of India 2. Branch: Baramati 3. Address: Baramati 4. Account No: 520441023282278 5. IFSC code: UBIN0560596	1000/- (Honorarium to workshop coordinator)
		Total -	23500/-


Prof. S.T. Pawar

Head, Dept of Microbiology


ED Cell



Anekant Education Society's
Tuljaram Chaturchand College, Baramati.
Feedback form of workshop on 'Industrial skills in Microbiology' on 14-24 Mar 2022

The workshop consisted was presented in clear and appropriate manner.		The workshop placed appropriately	The presenters responded to questions in an informative, appropriate and satisfactory manner.	Overall, the session were Informative and valuable.	Other comment
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
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Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Teaching was good Informative session will be definitely helpful in career buildup.
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	This session is very good.
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	The session is very informative, knowledge and time management.
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Overall good
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Its really very informative
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Its really informative
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Its really informative
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Thank you So much Mam It's very important and helpful for our future Very enthusiastic teacher with good presentation skills.
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	no
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	The workshop is very knowledgeable and outstanding
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Good
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	The workshop is very helpful.
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	All content are important In Industrial area That's why the workshop is good done.
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	No
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Session was very informative and knowledgeable It will helps alot In future..
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	No
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	It was good
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Outstanding.
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly agree
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Miss gives us information about Industrial skills & very helpful knowledge provide us
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	
Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	



(Signature)
Head of the Department

13213215961	13213215962	13213215963	13213215964	13213215965	13213215966	13213215967	13213215968	13213215969	13213215970	13213215971	13213215972	13213215973	13213215974	13213215975	13213215976	13213215977	13213215978	13213215979	13213215980
INURALE CHARUSHILA KAKASO	MAANE VIRAJ MAHESH	SAWANT AKSHAY SUDAM	MERGAL RESHMA CHIMPAI	CHOPADE SUDI KSHA ARJUN															
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[Handwritten Signature]





Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
 (Autonomous)
Certificate Course-2021-22
Subject: - CC027
Attendance



Sr.no	Roll No	PRN	Student Name	DATE													
				14/03/2022	15/03/2022	16/03/2022	17/03/2022	18/03/2022	16/02/2022	17/02/2022	18/02/2022	19/03/2022	20/03/2022	21/03/2022	22/03/2022	23/03/2022	
1	15981	13203215485	PATIL SUSHMITA PARISANATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	15982	13203213273	KAMBALE RUSHIKESH SUBHASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	15983	13203213263	KAMBLE SIDDHANT KISHOR	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	15984	13203213275	BHISE PRATIK SAMPAT	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	15985	13203213277	KUMBHAR PRIYANKA DILIP	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	15986	13203213283	BANSUDE DNYANESHWARI BHGWAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	15987	13203213276	GHADAGE SHIVPRASAD SHAMRAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	15988	13203213267	SHENDE MONALI DHANAJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	15989	13203213262	LONDHE SURAJ ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	15990	13203213280	PATHAN AAYESHA ASIF	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	15991	13203213282	TAWARE LANKA LAHU	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	15992	13203213268	MUNOLI KIRAN PARMESHWAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	15993	13203215496	GAWADE SHUBHAM SHIVAJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	15994	13203213261	GAIKWAD RUTUJA RAHUL	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	15995	13203215494	AGAM MANISHA ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	15996	13203213270	CHAVAN PUJA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	15997	13203215492	MULE SAYALI SANJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	15998	13203215489	SHIROTE SWARUPA SANJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	15999	13203213281	CHAVAN PRATIKSHA VINAYAK	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	16000	13203213284	SHELKE AISHWARYA CHANDRASHEKHARR	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	16001	13203213272	GHORPADE SHRADDHA SUNIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	16002	13203215484	SHENDAGE ANKITA DIGAMBER	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	16003	13203213285	GADE PRAJAKTA RAMDAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	16004	13203213266	DHAWALE PRATIKSHA TANUJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	16011	13203215488	GAJI PRATIK JIVANDHAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	16022	13203213274	KALE SANDESH LAKSHMAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	16023	13203215486	CHINCHAWADE PARSHAWANATH VIJAYKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	16024	13203213269	GADIYA NUPUR KIRTIKUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	16025	13203215493	HANGE POURNIMA AJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	16026	13203215491	JAGTAP SADHANA MOHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	16027	13203213279	KULKARNI ADITI DEEPAK	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	16028	13203215490	KOLE SNEHAL KIRAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	16029	13203215487	PATIL NEHA SANJAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	16030	13203215482	BAI RAJIVE V.....	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Date: 12th March 2022

To,
The Principal
Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati
(Autonomous)


Subject: Permission and approval to conduct online workshop on 'Industrial Skills in microbiology' under ED Cell.

Respected Sir,

The Department of Microbiology wishes to organize Ten days online workshop on the 'Industrial Skills in microbiology' subject theme. Please find the details in overleaf regarding the tentative program and budget.

I, therefore, request you to grant permission to conduct this workshop and expenditures.

Recommended
to organize
workshop under
ED cell.
12/3/2022


Dr. S. T. Pawar
Head, Department of
Microbiology

Allowed
12/3/22



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati
(Autonomous)
(Affiliated to Savitribai Phule Pune University, Pune),
Department of Microbiology and Entrepreneurship Development Cell
Organizes

Ten days Online workshop on 'Industrial Skills in microbiology'
Date: Monday 14/03/2022

Coordinator: Mr. Dhawal V. Doshi

Sr. No.	Name of Resource person	Title of Topic	Date	Time
1	Mrs. Kirti Aphale, Consultant and trainer, Q-EDGE, Pune	An introduction to pharma and biotech industry	14/03/2022 15/03/2022	3pm to 4pm 3pm to 4pm 4pm to 5pm
2	Mrs. Kirti Aphale, Consultant and trainer, Q-EDGE, Pune	An introduction to pharma and biotech guidelines	16/03/2022 17/03/2022	3pm to 4pm 3pm to 4pm 4pm to 5pm
3	Mrs. Kirti Aphale, Consultant and trainer, Q-EDGE, Pune	Clean room systems for contamination control in industry	18/03/2022 19/03/2022	3pm to 4pm 4pm to 5pm 3pm to 4pm
4	Mrs. Kirti Aphale, Consultant and trainer, Q-EDGE, Pune	cGMP	20/03/2022 21/03/2022	3pm to 4pm 4 pm to 5 pm 3pm to 4pm
5	Mrs. Kirti Aphale, Consultant and trainer, Q-EDGE, Pune	Practical industrial videos, Actual industry photos, Quiz, Interview preparation, online knowledge, Online knowledge test.	22/03/2022 23/03/2022 24/03/2022	3pm to 4pm 3pm to 4pm 3pm to 4pm

Tentative Budget details:

1. Course fee – Nil
2. Remuneration rates for the resource person - Rs. 1500/- per lecture
3. Travelling allowance to the resource person – Nil
4. Honorarium to course coordinator – Rs.1000/-
5. Rs. 1000/- for clerical assistance (preparation of certificates and distribution)
6. Lunch – Nil

Total expenditure expected: 24500/-

Approved
ED cell details
MS / P. B. B. / 14.3.



seen
Date

Dr. S. T. Pawar
Head, Dept of
Microbiology



Anekant Education Society's
Tuljaram Chaturchand College of
Arts, Science & Commerce, Baramati, Pune [M.S.]
[Autonomous]



NAAC Re-accredited 'A+' Grade (CGPA 3.55), ISO 9001-2015 Certified College, Religious Minority Institute

Certificate

This is to certify that Mr. / Miss / Mrs. Patil Sushmita
participated in the Industrial Skills in microbiology under ED cell
organised by Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati under Internal Quality Assurance Cell

Principal