

**Jai Hind Educational Trust Sanchalit**  
**ZULAL BHILAJIRAO PATIL COLLEGE, DHULE**  
**(MAHARASHTRA) 424002**

**Key Indicator- 2.3**  
**Teaching – Learning Process**

**2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools**



**PRINCIPAL**  
Jai Hind Educational Trust's  
Zulal Bhilajirao Patil College  
Shikshanmaharshi  
Nanasaheb Z.B.Patil Marg  
Deopur, DHULE- 424002

**Essay Competition, Re-examinations Chemistry Department**  
**(2020-21)**

## University Level Essay Competition Organized by JET's Z. B. Patil College, Dhule

Honorable Principal / Head of Department / Professor, We are happy to inform you that department of chemistry from our college is organizing a university level online essay competition for the UG and PG students of chemistry in the academic year 2020-21. We request you to cooperate by guiding as many students as possible from your college to participate in this competition.

**Subject:** The impact of Covid-19 pandemic on the educational and social sectors.\*

**विषय:** कोवीड-१९ महामारीचे शैक्षणिक आणि सामाजिक क्षेत्रावर आलेले परिणाम

### Rules of the Competition:-


- 1) There will be no entry fee for participation in the competition.
- 2) This competition is for chemistry students only.
- 3) Contestants are required to provide their full name, class and college name on the first page and also send scanned copy of admission receipt.
- 4) Contestants should start writing the essay from the second page.
- 5) Contestants are required to write an essay on the above subject in English or Marathi in five hundred words in own handwriting on one side of A4 size paper.
- 6) Contestants should send their essays in PDF format to [psgirase65@gmail.com](mailto:psgirase65@gmail.com) or [ybjadhav66@gmail.com](mailto:ybjadhav66@gmail.com) on or before 15th May 2021.
- 7) Winners of the competition will be awarded as follows.
  - First Prize - Rs.501 / -
  - Second Prize - Rs.301 / -
  - Third Prize - Rs.201 / -
  - Two Consolation: Prizes Each of- Rs.101 / -
- 8) All contestants will be given an e-certificates of participation.

Principal: [Dr. P. H. Pawar](mailto:Dr.P.H.Pawar)

Head of Chemistry Department: [Dr. V.T.Patil](mailto:Dr.V.T.Patil)- 94035 84068

Secretary of Chemistry Association: [Dr. P.S. Girase](mailto:Dr.P.S.Girase)- 9822929499

Co-ordinator of The Competition: [Dr. V.B. Jadhav](mailto:Dr.V.B.Jadhav)- 9403546852

  
Dr. V.T. Patil  
Head  
Department of Chemistry  
Zulal Bhalajirao Patil College  
Shikshanmaharshi  
Nanasahob Z.B. Patil Marg.  
Deopur, DHULE- 424 002

# निबंध स्पर्धेत शिरपूरची हर्षदा पाटील प्रथम

झेड. बी. पाटील महाविद्यालयातर्फे आयोजन

लोकमान्य न्युज नेटवर्क  
मुंबई : जयश्रीवर्धन शैक्षणिक संस्थेच्या झेड.बी.पाटील महाविद्यालयातील रसायनशास्त्र मंडळातर्फे कक्षावर्ती बहिष्काराई चौथी उतर महाराष्ट्र विद्यार्थीदस्तऐवज निबंध स्पर्धेचे आयोजन करण्यात आले होते. या स्पर्धेत शिरपूर येथील एम.पी.टी.एम्. महाविद्यालयाची विद्यार्थिनी हर्षदा शिवाजी पाटील हिने प्रथम क्रमांक पटकावला. स्पर्धेचा बक्षीस वितरण समारंभ नुकताच पार पडला.

'कोविड-१९ महामारीचे शैक्षणिक आणि सामाजिक क्षेत्रावर झालेले परिणाम असा निबंध स्पर्धेचा विषय होता. स्पर्धेत ८५ स्पर्धकांनी सहभाग घेतला होता. स्पर्धेचा निकाल असा- प्रथम हर्षदा शिवाजी पाटील एम.पी.टी.एम्. महाविद्यालय शिरपूर, द्वितीय बहिष्कार दिवाळी पाटील, पी.एस.जी.व्ही.पी. मंडळ संपन्नित शहादा महाविद्यालय, तृतीय अश्विनी दगडू पाळवी, झेड.बी.पाटील

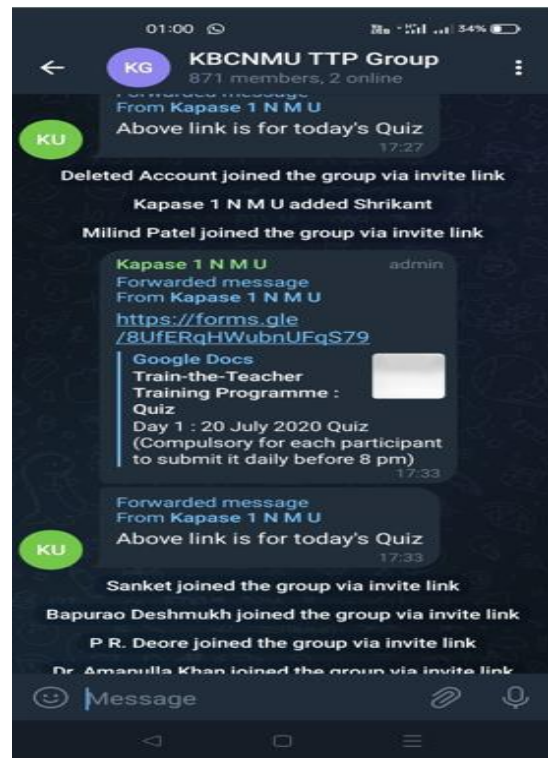
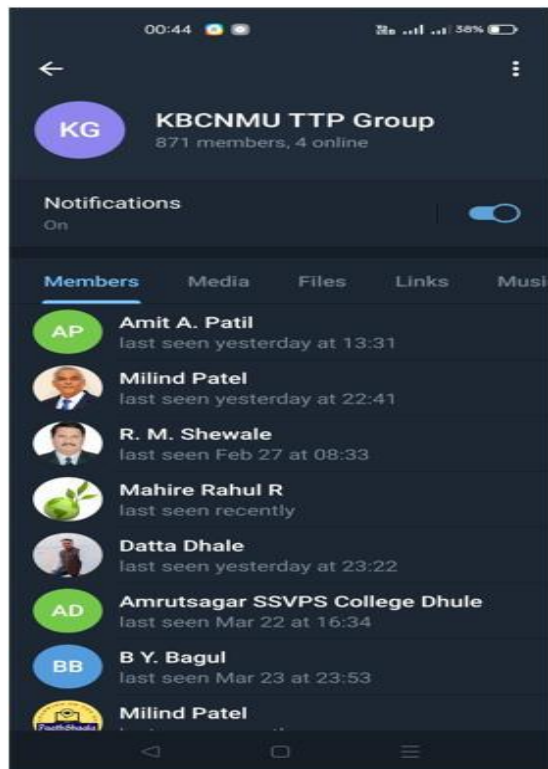
महाविद्यालय, पुणे, उत्तेजनार्थ दिव्या मधुकर पाटील, कानिज्य व विज्ञान महाविद्यालय, सोदबद, अहमदनगर, जयश्री पुकराज काळकरी, आर.बी.पटेल महाविद्यालय, शिरपूर, जय सुभाष पाटील, आर.बी.पटेल महाविद्यालय, शिरपूर.

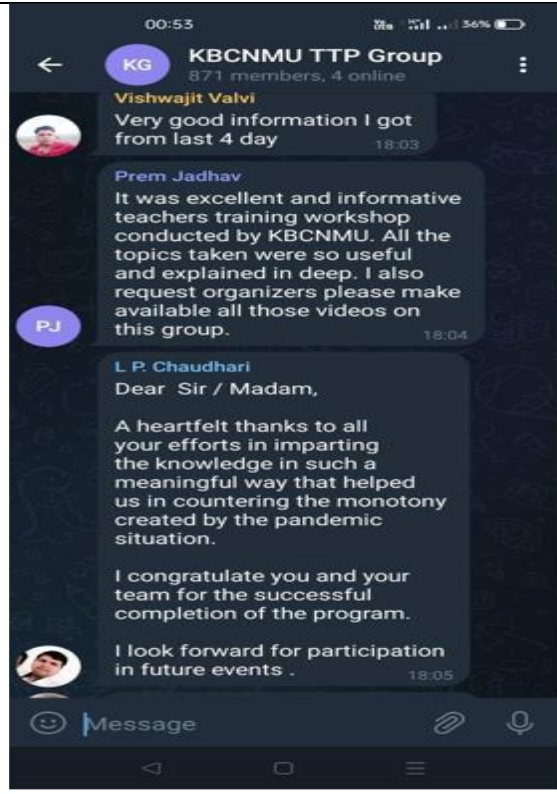
स्पर्धेचा बक्षीस वितरण समारंभ औचकानुन झाला. अध्यक्षस्थानी उपस्थित्ये प्रा.व्ही.एस.पवार होते. याप्रसंगी विभागप्रमुख डॉ.व्ही.टी.पाटील, प्रा.डॉ.व्ही.बी.जोषय, मंडळाचे सचिव प्रा.डी.पी.एस. मिराणे, प्रा.डॉ.अरुण-नील जोषयानी, विभागातील प्राध्यापक व विद्यार्थी या औचकानुन कार्यक्रमात उपस्थित होते. कार्यक्रमाच्या सुरुवातीलाही मंडळाचे सध्य प्रा.डॉ.एस.एस.पाडवी, प्रा.एस.एस.डेवीर व प्रा.मृणाल मोरे, प्रा.मनीषा पाटील, प्रा. सती कुल, शिक्षकेतर सहकारी नाना कवटे, लघुसभ पाटील, सचिव पारसा, शिरपूर येथे आदींनी परिचय घेतले.

09:5

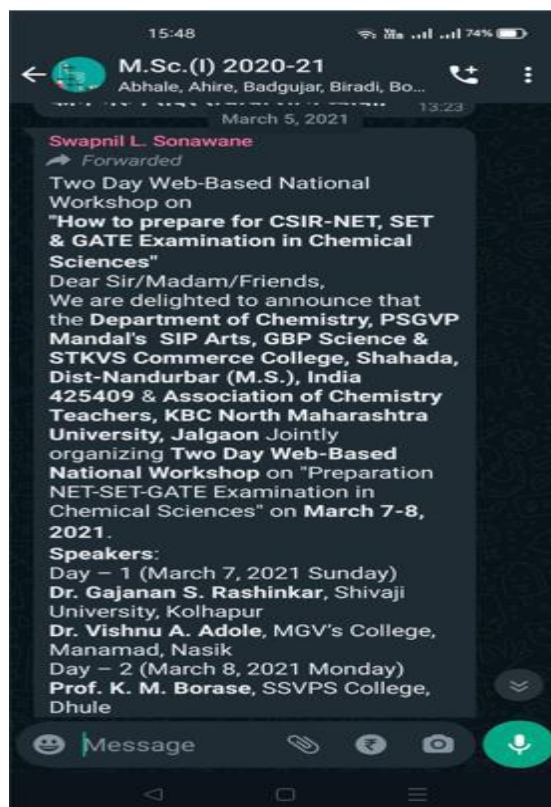
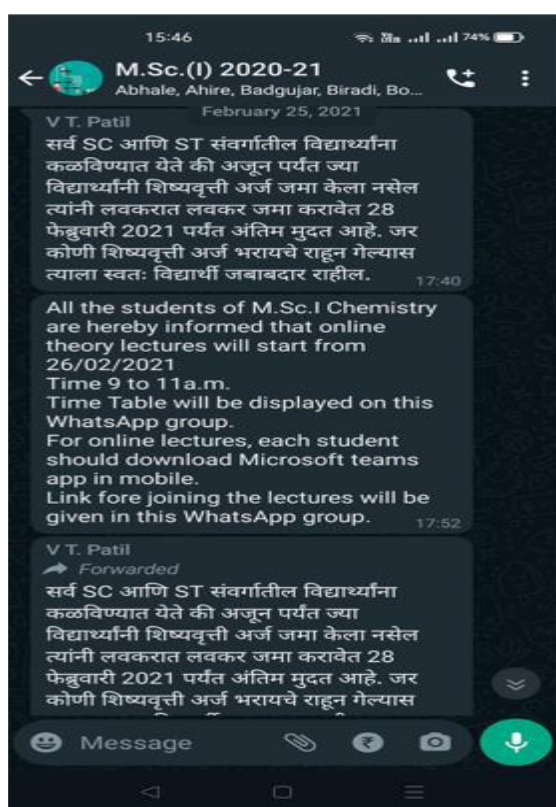
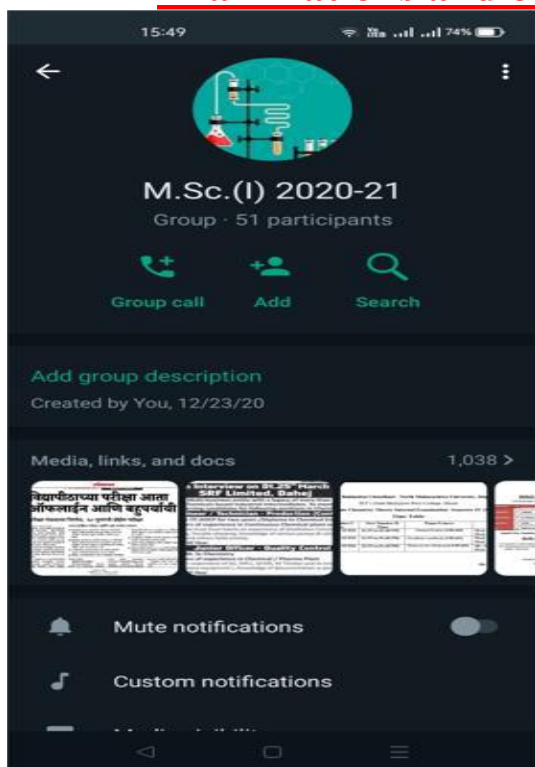


## ICT Tools: Online Teacher Training Programme (2020-21)

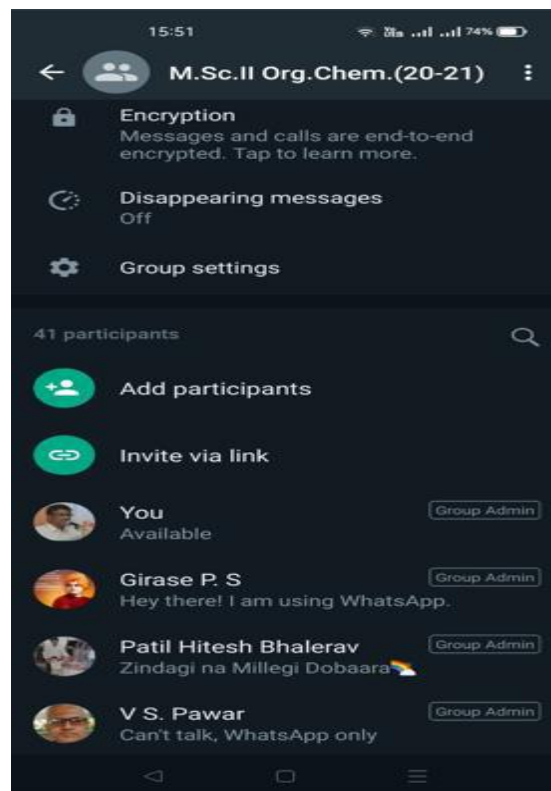
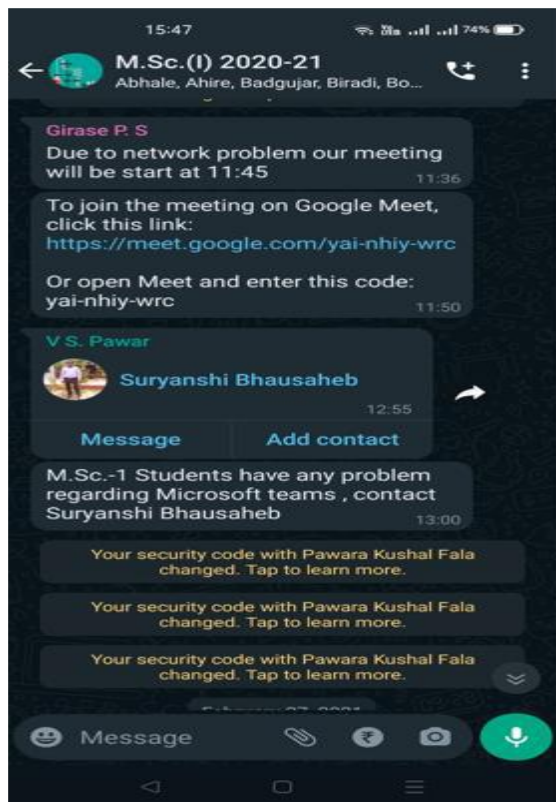
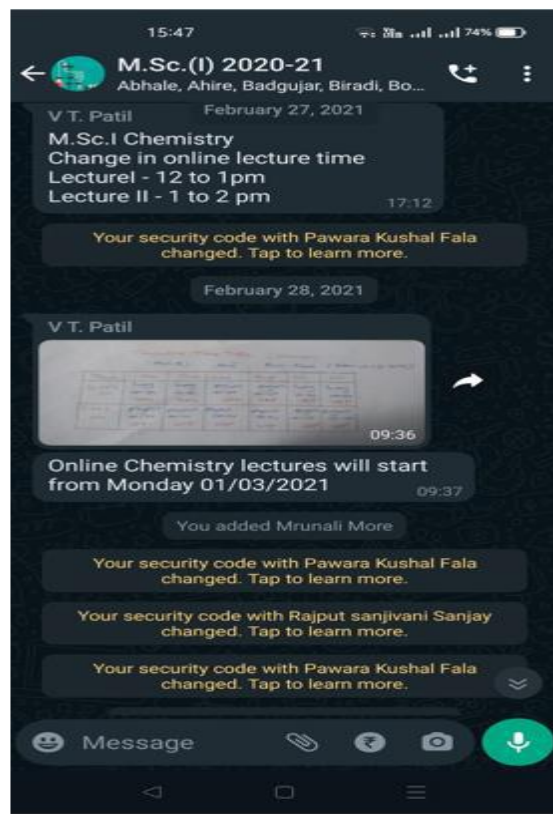
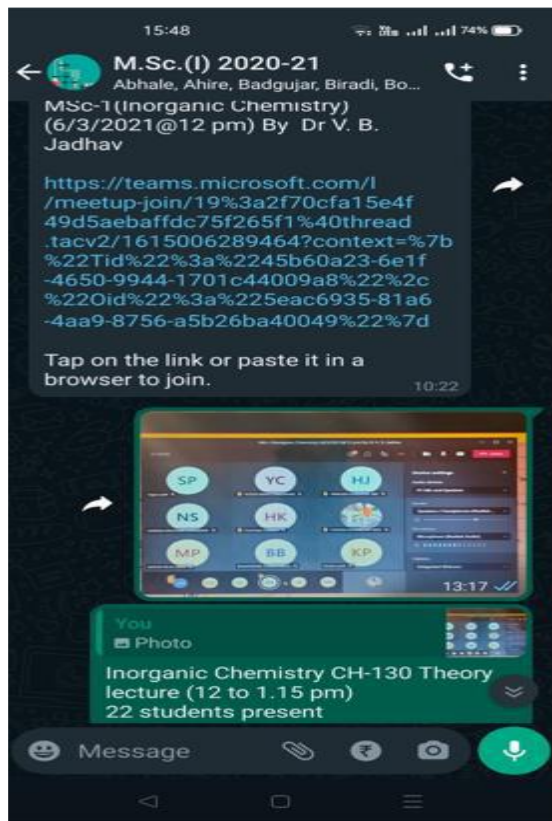


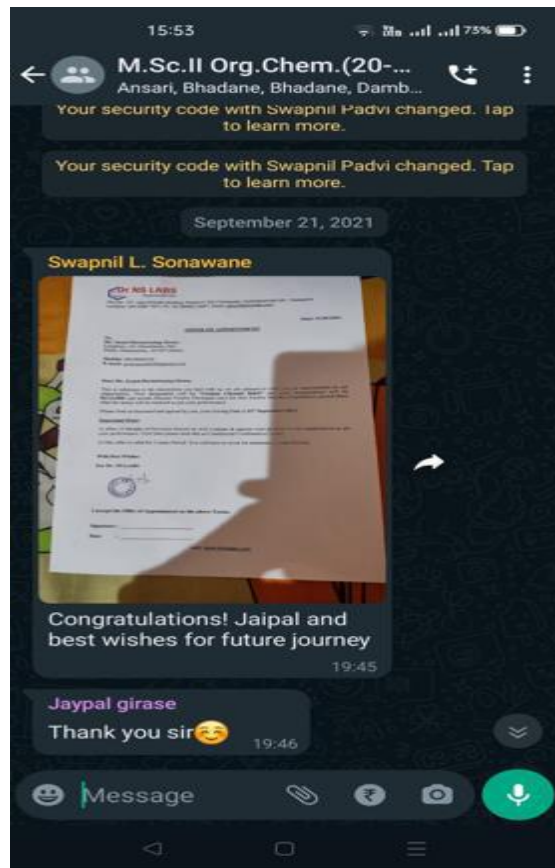
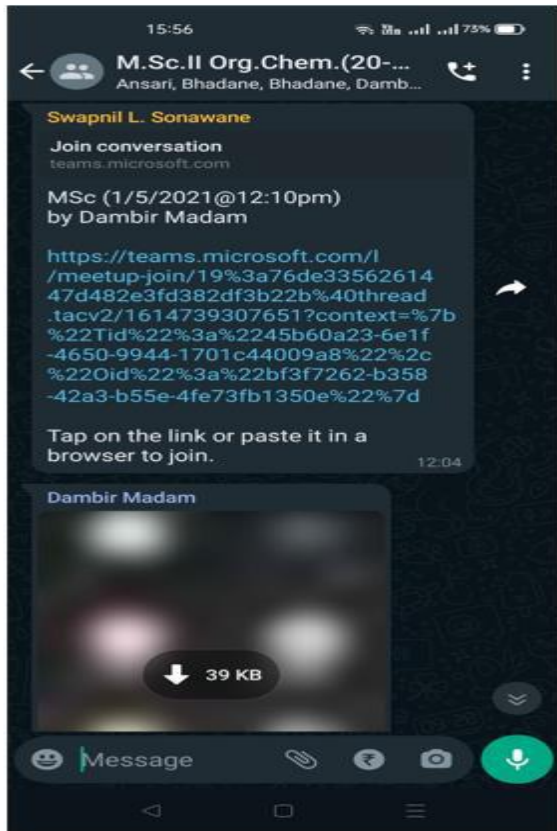
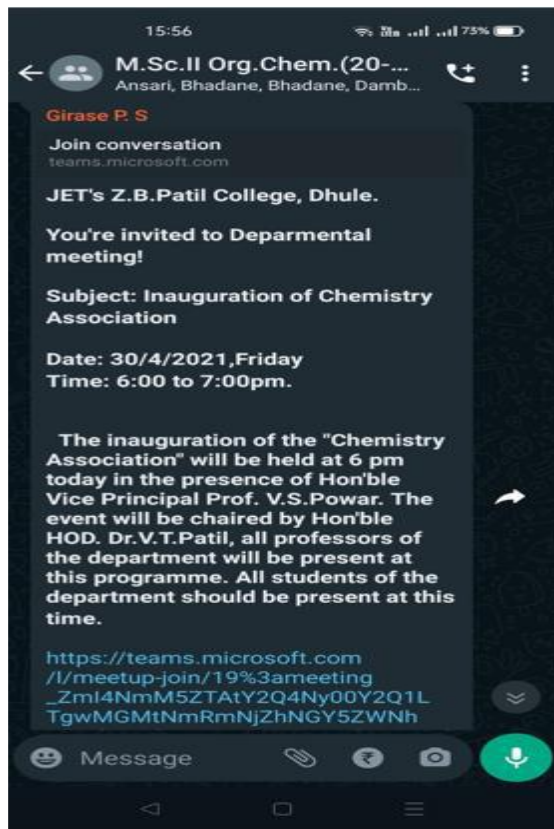


## ICT Tools: WhatsApp Groups for Online Teaching, Examinations and other Activities (2020-21)

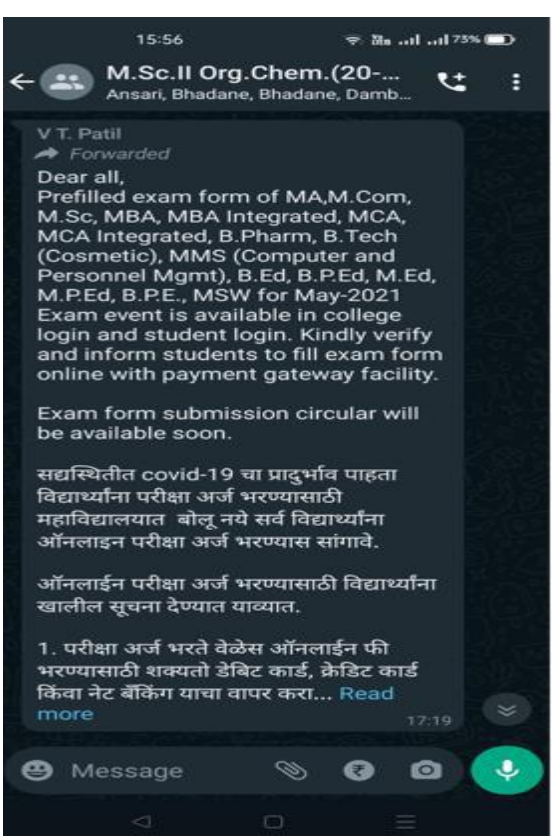
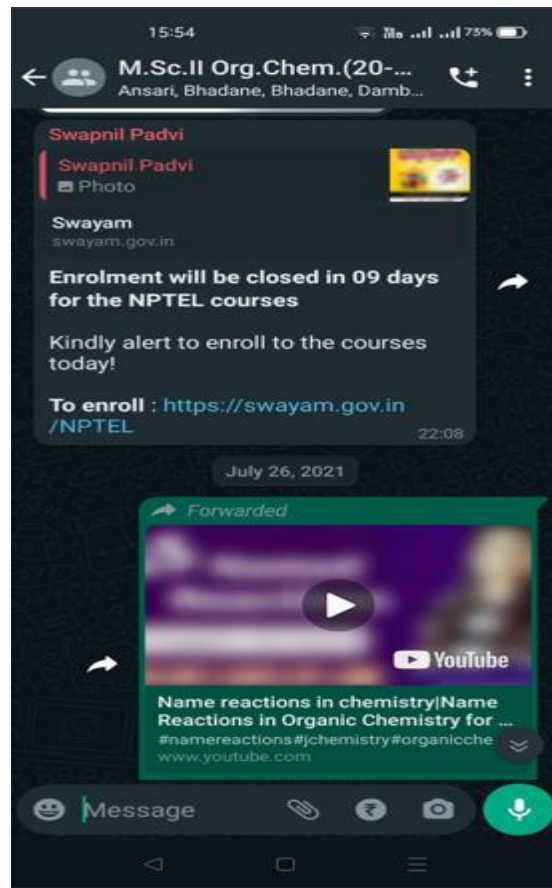
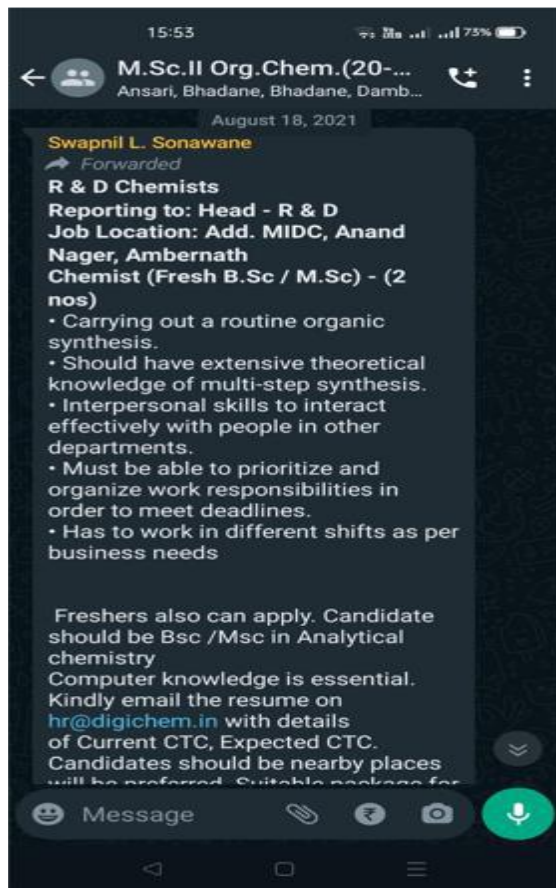


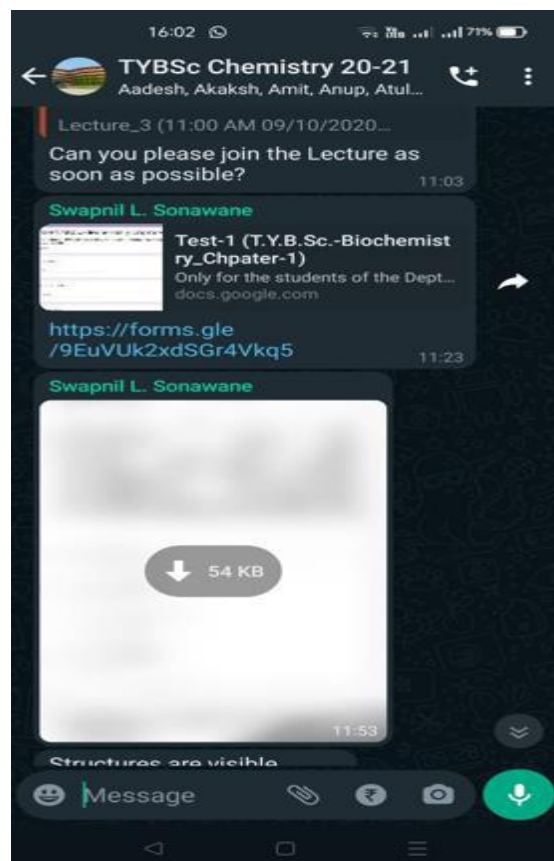
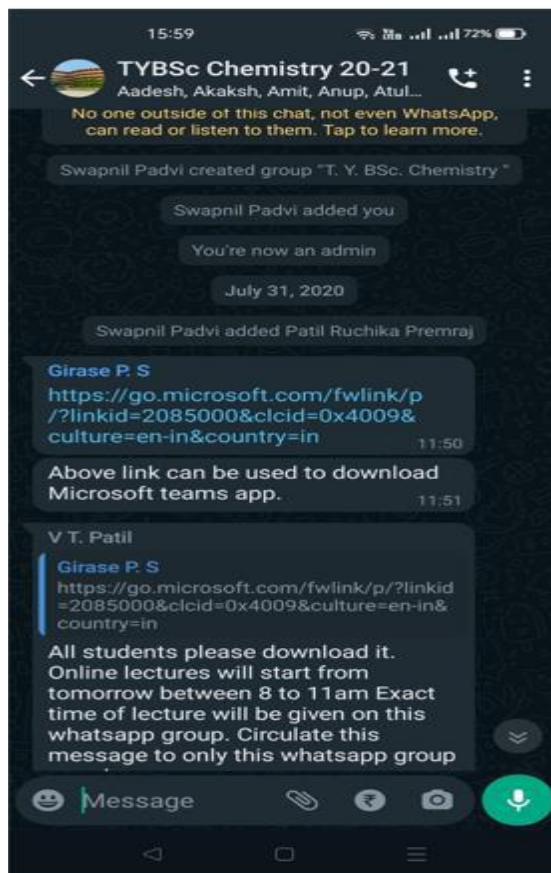
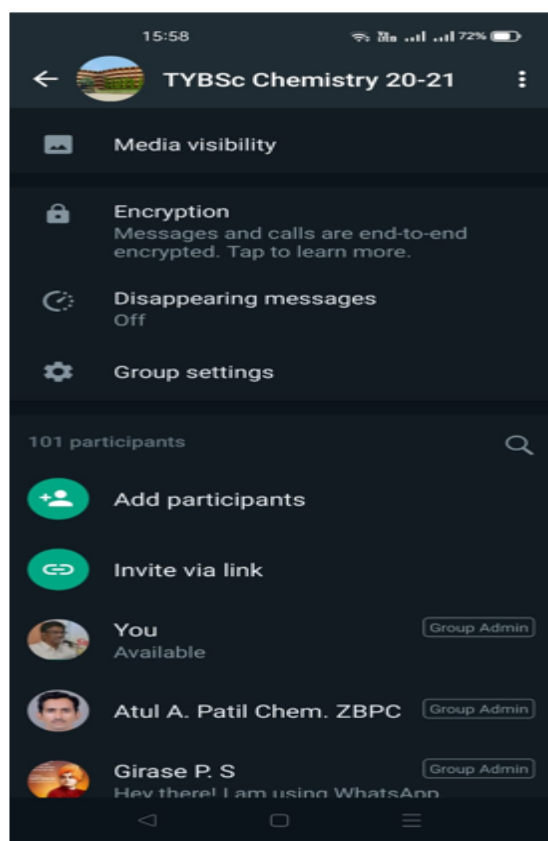
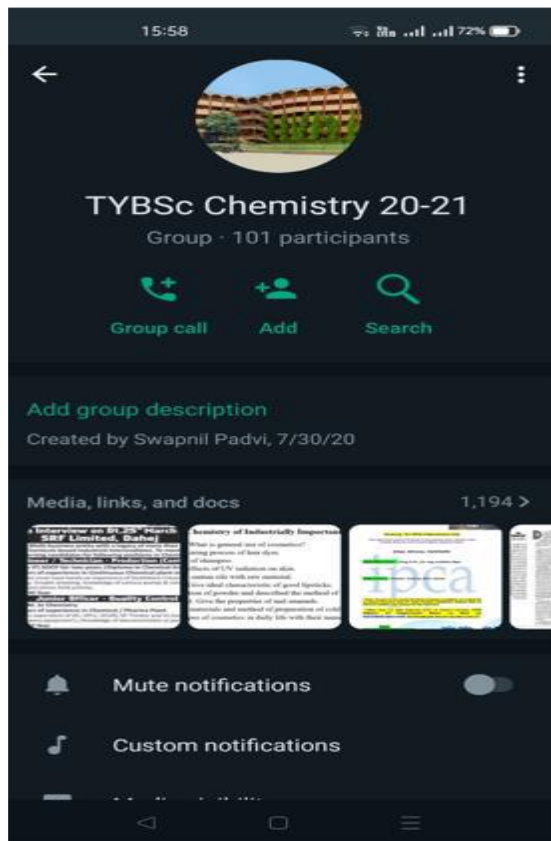




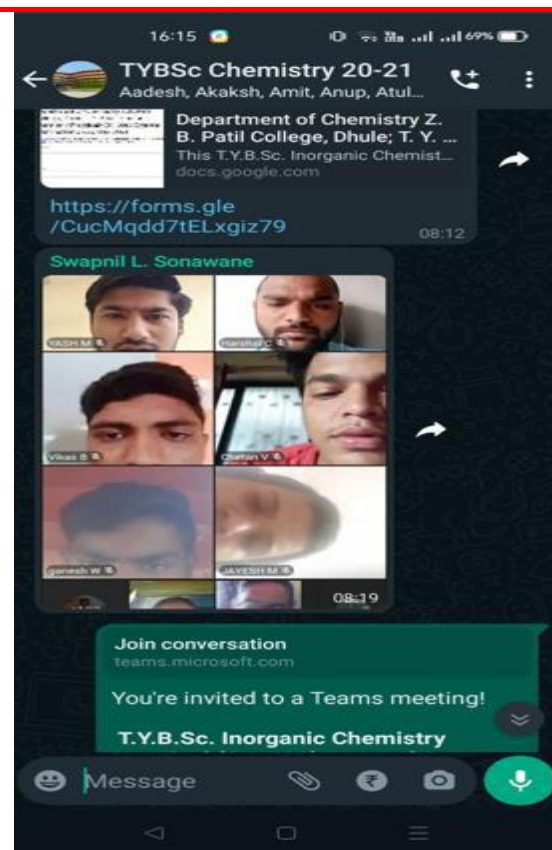
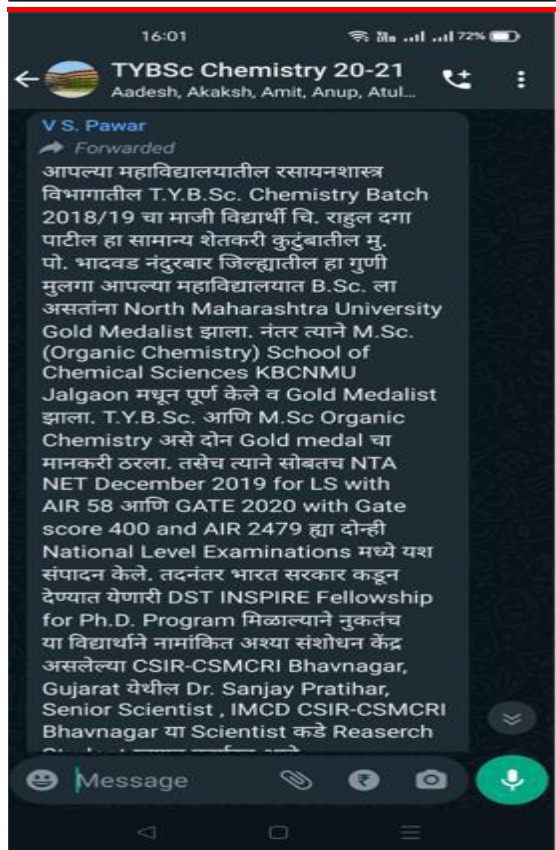




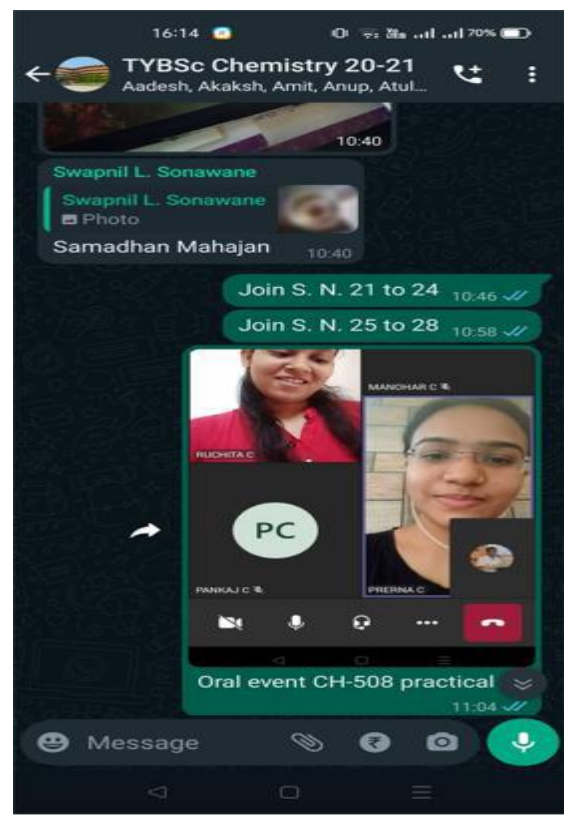
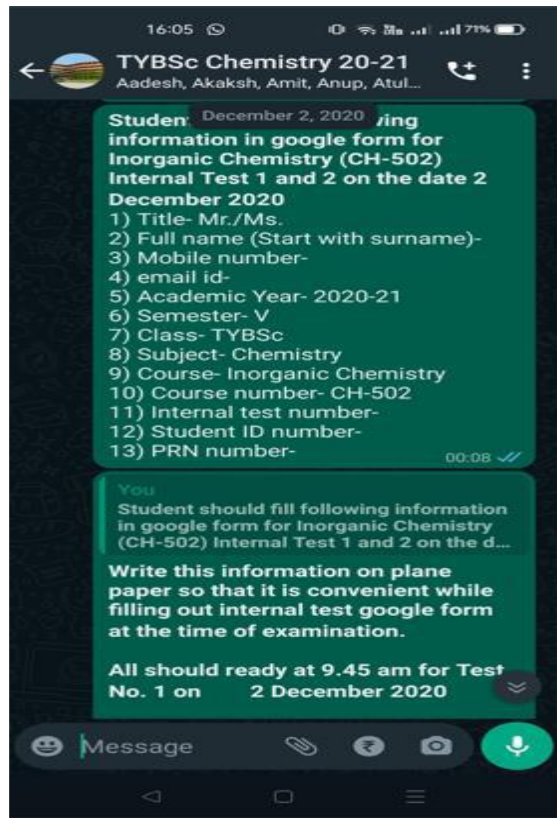
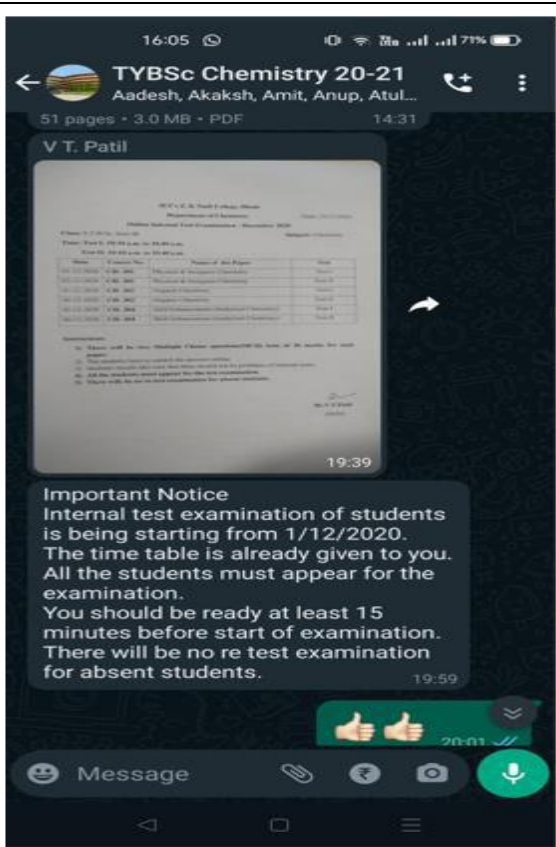












## Seminar

<b>S.N.</b>	<b>Class</b>	<b>Department</b>	<b>Date</b>
1	SYBA Economics	Economics	2019-20
2	TYBSc	Botany	2020-21
3	TYBSc : Seminar and Poster Presentation	Computer Science	2018 - 2023
4	TYBSc : Seminar and Poster Presentation	Information Technology	2018 - 2023

## Seminar SYBA : Economics Department (2019 - 2020)

दि. ०८.०२.२०२०

सोमिनार कालात्

दि. ०८.०२.२०२० व ०८.०२.२०२० शुक्रवार व  
शनीवारी विशेषतः अर्थशास्त्रा विभागासाठी सोमिनार  
आयोजित करण्यात आले यात १० दिवसीय वर्षाच्या १०  
विभागांनी व तृतीय वर्षाच्या १५ विभागांनी पत्रवाचन करून  
आर्थिक अर्थतंत्र व उद्योग यांचा समावेश करून आर्थिक  
संगणक विभागावर पत्रवाचन केले.

यात अडमारीय जोसेफ अंपिटर, नरेंद्र जाधव,  
उज्ज्वल पटेल, अमर्त्य जैन, कौटिल्य महापात्र, गोपी डों, कवासाहेब  
आंबेडकर, कार्टे माथरी, जेड केन्स, यशवंतराव चव्हाण,  
शुभराम चव्हाण, डॉ. मनमोहन सिंग, जिव जिव उद्योग  
तिएक मेहता, शरद पंजाब, अमरीटजी टाटा, शरद भारिया,  
दिल गेट्स, जेफ बेन्स, अशिम प्रेमजी, धीरुभाई आंबानी,  
अंबरलालजी जैन, धनश्यामराय विर्वा, सुधा मूर्ती, चतनराय,  
२. विचारवंतांचा समावेश होण.

अर्थशास्त्र विभागातील विभागप्रमुख प्रा. डॉ. विद्या  
पाटील यांनी मार्गदर्शन केले. मासेवार जान्हवी दिनेश, महाल  
सिद्ध विष्णू व जेकरा येशीराव या विभागांनी मनोत्रत  
व्यक्त केले. जागार विष्णू साकुट या विभागांनी केले.

या कार्यक्रमास प्रा. वसंतीना जेहेरेकर, प्रा. वैशाही  
जवराळ, प्रा. गायत्री कच्छाव व प्रा. रमेश जावरीकर यांचे  
सहकार्य केले.



Z.B.PATIL COLLEGE, DEOPUR, DHULE  
DEPARTMENT OF ECONOMICS

SEMINAR

DATE - 07/02/2020

CLASS - S.Y.B.A.

SR.NO.	NAME OF THE STUDENT	SUBJECT
1	बेल्दार देविदास रामकृष्ण	डॉ. जवाहरलाल नेहरू
2	सूर्यवंशी यशोदीप कौजय	कार्ल मार्क्स
3	चारुणी कृष्णा जीवन	लॉर्ड केन्स
4	धनगर प्रशांत छोट	महात्मा गांधी
5	चाडले जयेश दिपक	रघुराम राजन
6	देशमुख अनेश्वर रोड	तिलक मेहता
7	वारुडे स्वाती रामचंद्र	महात्मा ज्योतीबा फुले
8	गावंडे हर्षदा योगेश	डॉ. मनमोहन सिंग
9	वाफट विलय जगन	नारुड कृष्ण
10	अंबुकार अहमद मेहता अहमद	जमशेती टाटा
11	लोडे आकाश दगडू	नारुड भारिमा
12	वधाण हरी रमेश	डॉ. विभा चाडले
13	मोडिराव लोकेश अनिल	बिल गेट्स
14	वाडले मोहित गोरख	Jeff Bezos
15		
16		
17		
18		
19		
20		

Z.B.PATIL COLLEGE, DEOPUR, DHULE  
DEPARTMENT OF ECONOMICS

SEMINAR

DATE - 07/02/2020

CLASS - S.Y.B.A.

Presenty Report.

SILNO	NAME OF THE STUDENT	SUBJECT	SIGN
1	Abuzar Ahmad Nehal Ahmad	Jamshetti Tata	[Signature]
2	Beldar Devidas Ramkrishna	Dr. Babasaheb Ambedkar	[Signature]
3	Chaudhari Yegita Govind		
4	Chaugule Aditi Ashok		
5	Chavan Harsha Sanjay		[Signature]
6	Deshmukh Dnyaneshwar Redu	Tilak Mehata	[Signature]
7	Dhangar Prashant Chhotu	Yashwantrao Chavan	[Signature]
8	Dhulkar Anakash Kishor		
9	Gavande Hareshada Rajesh	Dr. Manmohan Sing	[Signature]
10	Gosavi Ravina Dnyaneshwar		[Signature]
11	Londhe Anakash Dagađu	Rahul Bhatiya	
12	Mali Nilesh Kishor		
13	Neekar Rohit Pramod		
14	Parsal Krishna Jivan	J. M. Keynes	[Signature]
15	Prakash Krishna Jivan		
16	Salat Vilas Jagan		[Signature]
17	Salave Chandan Dattaram		
18	Sonaje Harshada Krishna		
19	Sonawane Anakashdip Sanjay		
20	Suryawanshi Yashodip Kailas	Karl Marks	[Signature]
21	Tamkhane Chhalkul Mohan		
22	Wadile Jayesh Dipak	Raghuram Rajan	[Signature]
23	Wagh Diger Shrikrishna		[Signature]
24	Wakle Prem Kishan		
25	Walde Mohit Goraki	Jeff Bezos	[Signature]
26	Warude Swati Ramchandra	Mahatma Jyotiba Fule	[Signature]
27	Yeshirao Lokesh Anil	Aziz Premji	[Signature]
28		Vandana Luthra	[Signature]

Z.B.PATIL COLLEGE, DEOPUR, DHULE  
DEPARTMENT OF ECONOMICS  
SEMINAR

DATE - 07/02/2020

Presenty Report

CLASS - T.Y.B.A.

SR.NO.	NAME OF THE STUDENT	SUBJECT	SIGN
1	Bagul Satish jibhau	Shri . Hanumantrao Galkwad	<i>[Signature]</i>
2	Bhunjija Puja Dilip	Dhirubhai Ambani	<i>[Signature]</i>
3	Chavan Yogita Gorakh	Shri Bhavartai Jain	<i>[Signature]</i>
4	Desale Nikhil Anil		
5	Gurav Prashant Jitendra		
6	Jadhav Chaitali Santosh	Amartya Sen -	C.S.Jadhav
7	Jadhav Rakesh Anil		
8	Joshi Manali Bhagwat		
9	Mahale Dinesh Narayan		<i>[Signature]</i>
10	Mali Vikas Devidas	Mahatma Gandhi	
11	Masevar Janavi Sunil	Gita Gopinath	<i>[Signature]</i>
12	Nannavare Karan Valmik		
13	Ramoale Dhanashri Ramesh	Azim Premaji	<i>[Signature]</i>
14	Raut Lalsing Amrya	Ghanshyamdas Birla	<i>[Signature]</i>
15	Sharma Prakash Bhawartai		
16	Shinde Harshala Shivdas		
17	Shinde Priyanka Amanada	Sudha Murti	P.A.Shinde
18	Sonavane Chaitram Suka		
19	Sonwane Pradna Baban		
20	Thakur Dipak Laxman		
21	Valavi Indrasing Rumkya	Urjit Patel	<i>[Signature]</i>
22	Valavi Ravindra Raysing	जी. लालाचालि शिंदे	<i>[Signature]</i>
23	Vasave Apasing Dharma	Mahatma Gandhi.	
24	Vasave Sagar Anarsha	Ratan Tata	<i>[Signature]</i>
25	Wagh Nandini Prakash	Adam Smith	<i>[Signature]</i>
26	Wagh Shubham Laxman	Dr. Babarajab Ambedkar	<i>[Signature]</i>
27	Lashikare Devidas Shivaji	Amartya Sen	<i>[Signature]</i>
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## Departmental activities

<b>S.N.</b>	<b>Name of the Program</b>	<b>Department</b>	<b>Date</b>
1	Avishkar-2019	Chemistry	8-9 Jan. 2020
2	Mimansa-2020	Chemistry	18 Jan. 2020
3	Online lecture on "Chemistry and Career" on the occasion of National Science Day Celebration	Chemistry	28/2/2022
4	Seminar by Mr. Anil Pawar, HR, Sykem Pharma, Nagaaon, Dist. Dhule	Chemistry	27/03/2022
5	State Level Webinar on " Chemical Safety and Good Laboratory Practices " on Microsoft Teams Platform	Chemistry	28/03/2022
6	Workshop on Short Research Project, Literature Review, Designing Experiments, Presentation and Dissertation by Associate Prof. Dr. Vikas V. Gite, Dept. of Polymers Chemistry, KBCNMU, Jalgaon (dist. Jalgaon) on Microsoft Teams Platform	Chemistry	27/09/2022
7	Science Day Program	Botany	<b>2021-22</b>
8	Science Day Program	Botany	<b>2022-23</b>



## Avishkar-2019 (Chemistry Department) 8-9 January 2020

1.1.2 (other)

Report: Avishkar-2020


Date: 25/02/2020

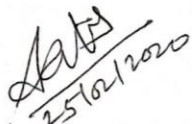
Scientific events such as conferences or seminars are always the best platform for teachers, researchers and students to broaden their scientific curiosity and research interest. Student's participation and active involvement in such programs provides a new career path. Avishkar-2020 is one of the best scientific events organized by KBCNMU where two T.Y.B.Sc. Students from the department of chemistry, JET'S, Z. B. Patil College, Dhule, have participated and presented posters. The short research project on extraction of caffeine from coffee and tea samples at different temperatures was carried by students. The experimental and theoretical results were analysed. The tabulated data in poster form were presented in Avishkar-2020 at C. G. Patil College, Sakri, Dist, Dhule (Phase -I). Students poster were selected in the second round of KBCNMU, Jalgaon (Phase-II) where students had the opportunity to visit university and present their poster. While talking with students they said that the overall participation and active involvement in Avishkar-2020 was a good experience. They have learned how to present, interact and network with the scientific community. It was nice learning and good experience for them.


Following T.Y.B.Sc. Students were participated in Avishkar-2020

- 1) Miss. Khairnar Gayatri Vasanttrao
- 2) Miss. Sisode Puja Ravindra

The certificates of participation at phase-I and phase II is attached below,

  
Dr. Swapnil L. Sonawane  
Project guide,  
Ass. Prof. Dept of Chem,  
JET'S, Z. B. Patil College, Dhule

  
Dr. Avinash A. Patil  
Coordinator, Avishkar-2020  
Ass. Prof. Dept of Math,  
JET'S, Z. B. Patil College, Dhule

  
Dr. P. H. Pawar  
Principal





॥ अतरी येदवु ज्ञानज्योत ॥

Kavayitri Bahinabai Chaudhari  
North Maharashtra University, Jalgaon



**Avishkar**  
2019

Create Sustain

Prosper

आविष्कारातून शाश्वत विकासाकडे...

University Level  
Phase - II

(8<sup>th</sup> - 9<sup>th</sup> January 2020)

*Certificate*

This is to certify that

*Puja Ravindra Sisode*

has participated and presented the research work in the theme area

*Pure Sciences*

under the category of

*Under Graduate (UG)*

in the Campus Level Research Convention

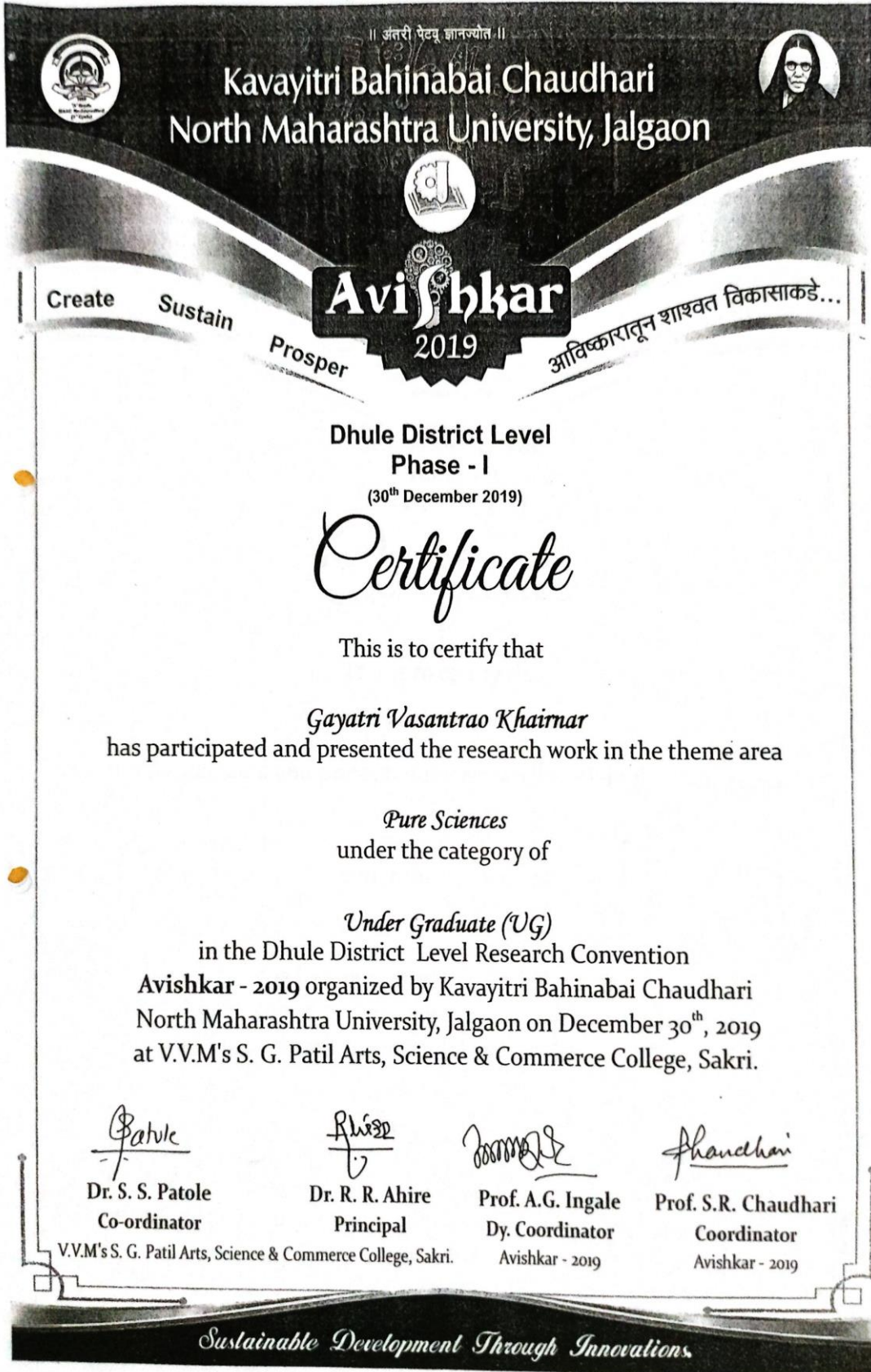
**Avishkar - 2019** organized by Kavayitri Bahinabai Chaudhari  
North Maharashtra University, Jalgaon on January 8<sup>th</sup> - 9<sup>th</sup>, 2020.

Prof. A.G. Ingale  
Dy. Coordinator  
Avishkar - 2019

Prof. S.R. Chaudhari  
Coordinator  
Avishkar - 2019

Prof. P. P. Mahulikar  
Pro-Vice Chancellor  
KBC NMU, Jalgaon

*Sustainable Development Through Innovations.*





॥ अंतरी पेदू ज्ञानज्योत ॥

**Kavayitri Bahinabai Chaudhari  
North Maharashtra University, Jalgaon**

**Avishkar  
2019**

Create Sustain Prosper

आविष्कारातून शाश्वत विकासाकडे...

**University Level  
Phase - II  
(8<sup>th</sup> - 9<sup>th</sup> January 2020)**

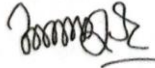
*Certificate*

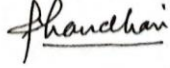
This is to certify that  
*Gayatri Vasanttrao Khairnar*

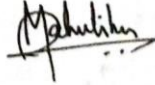
has participated and presented the research work in the theme area  
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under the category of  
*Under Graduate (UG)*

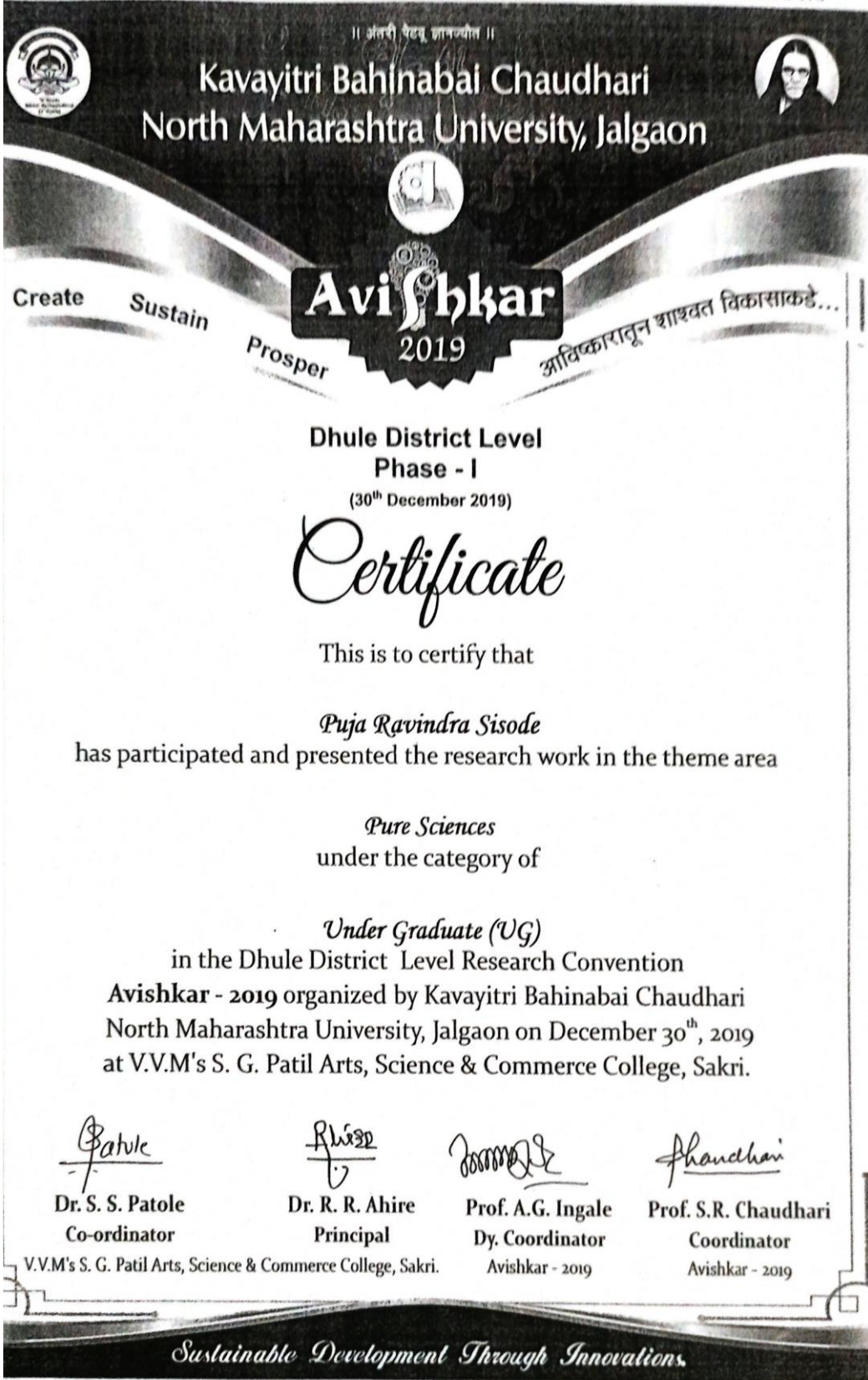
in the Campus Level Research Convention  
**Avishkar - 2019** organized by Kavayitri Bahinabai Chaudhari  
North Maharashtra University, Jalgaon on January 8<sup>th</sup> - 9<sup>th</sup>, 2020.

  
**Prof. A.G. Ingale**  
Dy. Coordinator  
Avishkar - 2019

  
**Prof. S.R. Chaudhari**  
Coordinator  
Avishkar - 2019

  
**Prof. P. P. Mahulikar**  
Pro-Vice Chancellor  
KBC NMU, Jalgaon

*Sustainable Development Through Innovations.*



## Online lecture on "Chemistry and Career" on the occasion of National Science Day Celebration

**Organized by:** JET's Z. B.P atil College, Dhule. Internal Quality Assurance Cell (IQAC) and Department of Chemistry - Chemistry Association

**Date:** 28/2/2022 Monday

**Time:** 3:30 pm to 4:30 pm.

**Subject:**

**Speaker:** Dr. Dinesh Sawant (MRSC) Scientist at CSIR - NCL and Assistant Professor at ACSIR, Pune

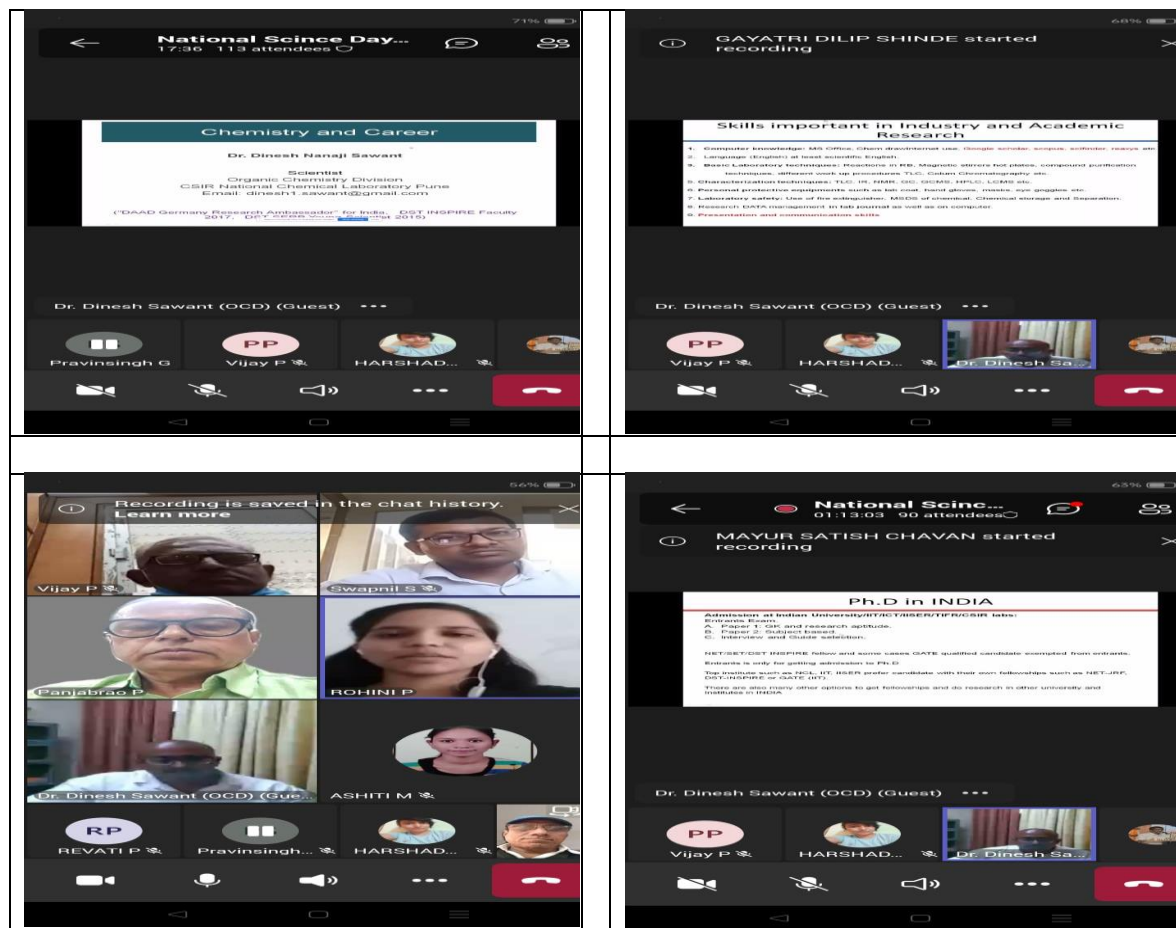
**President of the Function:** Hon'ble Principal Dr. P. H. Pawar

Hon'ble Vice-Principal Prof. V. S. Pawar, Dr. D. K. Patil, Dr. Varsha Patil Dr. V. B. Jadhav (HOD), Dr. P. S. Girase (Secretary, Chemistry Association), All Professors & Staff of the department will be present at this programme. All students of M.Sc.-I, M.Sc.-II, T.Y.BSc, S.Y.BSc & F.Y.BSc should be present at this time.

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_NmViMDg2ZTAtYWEzNi00NjM3LWE2NWYtZDJmOTkwNjNmNDYw%40thread.v2/0?context=%7b%22Tid%22%3a%2245b60a23-6e1f-4650-9944-1701c44009a8%22%2c%22Oid%22%3a%2254dac2fe-ef46-4b04-820e-481bf26683b7%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NmViMDg2ZTAtYWEzNi00NjM3LWE2NWYtZDJmOTkwNjNmNDYw%40thread.v2/0?context=%7b%22Tid%22%3a%2245b60a23-6e1f-4650-9944-1701c44009a8%22%2c%22Oid%22%3a%2254dac2fe-ef46-4b04-820e-481bf26683b7%22%7d)

Tap on the link or paste it in a browser to join.

HOD, Department of Chemistry





MAYUR SATISH CHAVAN started recording

### Fellowships for Ph.D research

Minimum fellowship amount per month for JRF is ranging from 15000 to 40000 INR per month. For JRF the criteria is 20000 INR per month.

1. CSIR/UGC NET JRF: CSIR conducts NET exam and award JRF to selected merit holders.
2. DST INSPIRE Fellowship: For university topper and gold medalist (by DGT).
3. MRC/ICAR JRF and SERB: Every university department annually gets UGC SAP Fellowship for Ph.D students. Criteria is that class 10 to 12 and as per university criteria.
4. Project Based Fellowships: Govt or Industry based projects also provide fellowships for Ph.D candidate.
5. Educational Trust: Some overseas trust also provide fellowship for Ph.D.
6. UGC sponsored RAJIV GANDHI Fellowship: For SC/ST students to do Ph.D in research.
7. MRC sponsored Ph.D Fellowship for minority: For Ph.D registered minority students.
8. CSIR/ICAR: For Ph.D registered candidate with 1 observational career and 2 years of research.
9. Industry sponsored Ph.D candidate: after 2-5 years of industrial job as per industry policy some industry also offers Ph.D along with job.
10. Institute Fellowships

Dr. Dinesh Sawant (OCD) (Guest) ...

Vijay P HARSHAD... Dr. Dinesh Sa...

Recording is saved in the chat history. Learn more

### Job opportunities India and Abroad

Industry: Pharmaceutical, Chemical, Paint, Polymer, Textile etc

1. Research and Development
2. Process Research and Development
3. Plant/Production
4. Quality Control
5. Quality Assurance
6. Assistant, Officer, Scientist, Group Leader, Managing Director etc.)

Teaching Jobs: Colleges, Universities, Central Universities (50000 INR pm onwards), IIT, IISER, NIT etc (1 lakh pm onward)

Assistant Professor: NET/SET/Ph.D as per 2009 rules.  
Associate Professor: Ph.D and other criteria as per UGC or Institute's  
Professor: Ph.D and other criteria as per UGC or Institute's

Dr. Dinesh Sawant (OCD) (Guest) ...

JANHAVI S HARSHAD... Dr. Dinesh Sa...

GAYATRI DILIP SHINDE started recording

### Career in Chemistry

B.Sc (chemistry)

M.Sc  
1. Organic Chemistry  
2. Inorganic Chemistry  
3. Physical Chemistry  
4. Polymer Chemistry etc.

Ph.D  
1. Research publications, research, Presentations  
2. Higher degree, Higher payment, Higher position, More Responsibility, Higher salary.

Post-Doctoral Research  
1. Research publications, presentations, Higher degree, Higher payment, Higher position, More Responsibility, Higher salary.

Jobs  
1. Industrial job  
2. Academic job  
3. Government job  
4. Assistant job  
5. Associate job  
6. Senior job

Dr. Dinesh Sawant (OCD) (Guest) ...

Vijay P HARSHAD... Dr. Dinesh Sa...

GAYATRI DILIP SHINDE started recording

### Journey to becoming a Scientist in a reputed national laboratory

Dr. Dinesh Sawant (OCD) (Guest) ...

Vijay P HARSHAD... Dr. Dinesh Sa...

GAYATRI DILIP SHINDE started recording

Research on specific topic:  
1. Lab Journal, supporting data  
2. Progress Reports, presentations  
3. Writing Manuscript

Publishing the new finding in research journal as:  
1. Communication  
2. Short paper  
3. Full Paper

New finding highlighted in reviews and scientific books:  
-valued by many research groups  
-Applied in next research or industry application

Important research is then introduced in Academic Books.

Dr. Dinesh Sawant (OCD) (Guest) ...

Vijay P HARSHAD... Dr. Dinesh Sa...

GAYATRI DILIP SHINDE started recording

Research on specific topic:  
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Dr. Dinesh Sawant (OCD) (Guest) ...

Vijay P HARSHAD... Dr. Dinesh Sa...

## JET's Zulal Bhilajirao Patil College, Dhule

### Department of Chemistry

**Activity: Seminar by Mr. Anil Pawar, HR, Scikem Pharma, Nagav, Dhule**

**Date: 21/03/2022 time: 3 to 4:30pm**

Jai Hind educational Trust's Z .B.Patil college Dhule , department of chemistry conducted a seminar on introducing the hands on activity of few chemistry instruments at Sykem pharma company . Vice principal Dr. V.S Pawar , HOD Dr. V.B.Jadhav , Dr.P.S.Girase , Dr . Swapnil Sonwane and faculty of chemistry department and HR. manager of Sykem pharma Mr. Anil pawar and Mr. Arshad Shaikh were present to that program. HR manager gave more details about QA , QC and R & D department , also told about different type of instrumentation and their handling process like HPLC , PH meter , GC, column separation , distillation , sonicator melting point etc. And gave guidance about future opportunities in MNC pharma companies. further they offer us 7 days course of instruments handling with cost of 2000 rs. With certification. Overall program was informative for all students of chemistry department were MSc part 2 and part 1and T.Y.Bsc students present for this program . Students interacted with HR of Sykem pharma and ask some query about course. There was few interacion between Faculties from the department and Scikech team for instrument hands on activites. Anchoring and vote of thanks given by Dr. Swapnil sonwane. Overall program was informative and useful for all students for their career opportunitiees in pharma companies.



**State Level Webinar on " Chemical Safety and Good Laboratory Practices " on Microsoft Teams Platform on 28/03/2022**

JAI HIND EDUCATIONAL TRUST'S  
**Z. B. PATIL COLLEGE**  
DHULE- 424 002

Internal Quality Assurance Cell (IQAC) and  
Department of Chemistry  
"Chemistry Association"

State Level Webinar on  
'Chemical Safety & Good Laboratory Practices'  
By  
Dr. Arif I. Shaikh, Senior Principal Scientist,  
Sai Life Sciences PVT LTD, Hyderabad-IN

28 March-2022, Time: 6:30 to 7:30 pm (Digital mode: Microsoft Teams)

Chief Guest:  
Hon'ble Dadasaheb Prof. Sudhir Subhashchandra Patil  
Chairman, College Development Committee, Z. B. Patil College, Dhule.

Event President  
Hon'ble. Dr. P. H. Pawar  
(Principal, JET's, Z. B. Patil College, Dhule)

Presence: All Vice Principal, IQAC Coordinator, HOD, Dept of Chem, All the faculties and students

**Jai Hind Educational Trust's Zulal Bhilajirao Patil College, Dhule Internal Quality Assurance Cell And Department of Chemistry, Chemistry Association Welcomes You all for the State Level Webinar on " Chemical Safety and Good Laboratory Practices " on Microsoft Teams Platform.**

**Date/Day:** 28/3/2022 Monday **Time:** 6:30 PM to 7:30 PM.

**Subject:** "Chemical Safety and Good Laboratory Practices

**Resource Person :** Dr. Arif L Shaikh, Senior Principal Scientist, Sai Life Sciences PVT LTD Hyderabad

**Chief Guest:** Hon'ble Dadasaheb Prof. Sudhir Subhashchandra Patil Chairman, College Development Committee, Z. B. Patil College, Dhule.

**President:** Hon'ble Principal Dr. P. H. Pawar, Z.B.Patil College, Dhule  
**Hon'ble Vice-Principal Prof. V. S. Pawar, Dr. D. K. Patil, Dr. Varsha Patil, Dr. V. B. Jadhav (HOD), Dr. P. S. Girase (Secretary, Chemistry Association),**

All Professors and Staff of the department will be present at this programme. All students of M.Sc.-I, M.Sc.-II, T.Y.B.Sc S.Y.B.Sc and F.Y.B.Sc should be present at this time.

**Please use the following link to join program.**

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_YzIwZjdhYWEtZGZlMy00YjkwLWlxYjktOTRmY2I4ZTIxODFh%40thread.v2/0?context=%7b%22Tid%22%3a%2245b60a23-6e1f-](https://teams.microsoft.com/l/meetup-join/19%3ameeting_YzIwZjdhYWEtZGZlMy00YjkwLWlxYjktOTRmY2I4ZTIxODFh%40thread.v2/0?context=%7b%22Tid%22%3a%2245b60a23-6e1f-)



[4650-9944-1701c44009a8%22%2c%22Oid%22%3a%2293fb3af8-a6d4-41ff-b5c9-96baf7a94dbf%22%7d](https://www.linkedin.com/company/4650-9944-1701c44009a8%22%2c%22Oid%22%3a%2293fb3af8-a6d4-41ff-b5c9-96baf7a94dbf%22%7d)



**Resource Person : Dr. Arif L Shaikh**  
Senior Principal Scientist, Sai Life  
Sciences PVT LTD Hyderabad



**Chief Guest: Hon'ble Dadasaheb Prof. Sudhir Subhashchandra Patil**  
Chairman, College Development  
Committee, Z. B. Patil College, Dhule.

Chemical Safety In Laboratory By Dr. Arif Shaikh

31:36

Recording has started. This meeting is being recorded. By joining, you are giving consent for... Dismiss

Participants

Type a name

Share invite

In this meeting (74) Mute all

- Prof. Jadhav Vilas Bhaskar Organizer
- agk6873 (Guest) Meeting guest
- ANIKET DINKAR PATIL
- Anjali Girase (Guest) Meeting guest
- ANKITA UMESH PATIL (Guest) Meeting guest
- ASHITI TRIVIKRAM MARKAN... On hold
- Ashwini (Guest) Meeting guest
- Atish Hiru (Guest)

ROHINI DH... Prof. Girase Pra... agk6873 (G...)

Atul Chaudhari (Guest)


Dr Aarif Shaikh (Guest)

Prof. Vjay S. Pawar


## JET's Zulal Bhilajirao Patil College, Dhule

Department of Chemistry

Activity: Workshop on Short Research Project, Literature Review, Designing Experiments, Presentation and Dissertation by Associate Prof. Dr. Vikas V. Gite, Dept. of Polymers Chemistry, KBCNMU, Jalgaon (dist. Jalgaon)



**JAI HIND EDUCATIONAL TRUST'S  
ZULAL BHILAJIRAO PATIL COLLEGE**  
DHULE - 424 002  
*College with Potential for Excellence*  
B++ NAAC Reaccredited 3<sup>rd</sup> Cycle



**Internal Quality Assurance Cell (IQAC)**

**-Department of Chemistry-  
Chemistry Association**

Workshop on  
**Short Research Project: Literature Review, Designing Experiments,  
Presentation and Dissertation**

By  
**Dr. Vikas V. Gite, (FMASc.)**  
Associate Professor, Head,  
Department of Polymer Chemistry, SOCS,  
KBC North Maharashtra University, Jalgaon, Maharashtra, India

Date:  
**27/09/2022**  
@ 10:30am

**President**  
**Hon'ble. Dr. P. H. Pawar**  
(Principal, JET's, Z. B. Patil College, Dhule)

Place:  
**Seminar Hall**  
A-6

Presence:  
All Vice Principal, IQAC Coordinator, HOD, Dept of Chem, All the faculties and UG/PG students



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ZULAL BHILAJIRAO PATIL COLLEGE**  
DHULE - 424 002  
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**Internal Quality Assurance Cell (IQAC)**

**Department of Chemistry  
Chemistry Association**

Organizing  
**ONE DAY WORKSHOP**  
on  
**Introduction to Short Research Project:  
Literature Review, Designing Experiments, Presentation and Dissertation**

**Programme Schedule**  
Tuesday, 27<sup>th</sup> September 2022

- **Welcome** :
- **Introduction** : Dr. Vilas B. Jadhav  
Head, Dept. of Chemistry, Z. B. Patil College Dhule.
- **Introduction of Guest** : Dr. Swapnil L. Sonawane  
Coordinator,  
Dept. of Chemistry, Z. B. Patil College Dhule
- **Guest Speech** : Dr. Vikas V. Gite,  
Associate Professor, Department of Polymer  
Chemistry, SOCS, KBCNMU, Jalgaon
- **Presidential Speech** : Dr. P. H. Pawar  
Principal, JET's, Z. B. Patil College, Dhule
- **Vote of Thanks** : Dr. Swapnil L. Sonawane  
Coordinator,  
Dept. of Chemistry, Z. B. Patil College Dhule
- **Anchoring** : Prof. Miss. Nisha P. Varma

## Invitation

Respected Sir/Madam,  
Greetings !!!

We cordially invite for One Day Workshop on Short Research Project



### Department of Chemistry

Chemistry Association  
ONE DAY WORKSHOP ON

Introduction to Short Research Project:

**Literature Review, Designing Experiments, Presentation and Dissertation**

**Day and Date:** Tuesday 27<sup>th</sup> September 2022 (11:00 AM)

**Venue:** Seminar Hall (A-6),

#### Schedule of Workshop

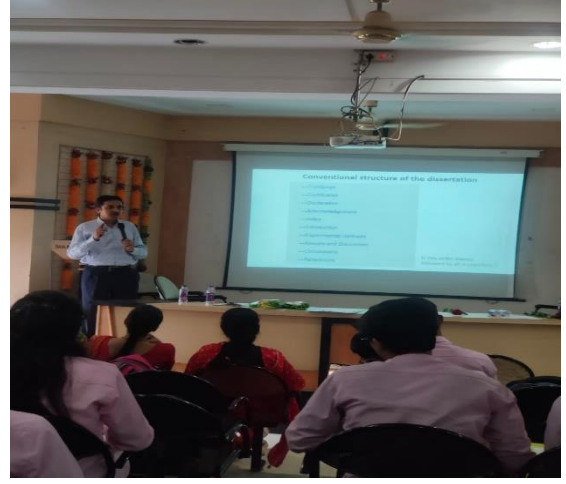
Time	Details of event
10:00 AM to 10:30 AM	: Registration and Breakfast
10:30 AM to 11:00 AM	: Inauguration
11:00 AM to 01:00 PM	: <b>Speech on Short Research Project: Literature Review, Designing Experiments, Presentation and Dissertation</b> Hon'ble Dr. Vikas V. Gite (Associate Professor, Department of Polymer Chemistry, School of Chemical Sciences, KBCNMU, Jalgaon.)
01:00 PM to 01:30 PM	: <b>Presidential Speech:</b> Hon'ble Principal Dr. P. H. Pawar (JET's Zulal Bhilajirao Patil College, Dhule)

#### Organizing Committee:

- Dr. P. H. Pawar Principal (JET's Zulal Bhilajirao Patil College, Dhule.)
- Prof. V. S. Pawar Vice-Principal (JET's Zulal Bhilajirao Patil College, Dhule.)
- Dr. Varsha S. Patil Vice-Principal & IQAC Coordinator (JET's Zulal Bhilajirao Patil College, Dhule.)
- Dr. D.K. Patil Vice-Principal (JET's Zulal Bhilajirao Patil College, Dhule.)
- Dr. V. B. Jadhav (HOD, Department of Chemistry, JET's Zulal Bhilajirao Patil College, Dhule.)
- Dr. P. S. Girase (Secretary, Chemistry Association, Department of Chemistry, JET's Zulal Bhilajirao Patil College, Dhule.)
- Dr. S. L. Sonawane (Coordinator, Department of Chemistry JET's Zulal Bhilajirao Patil College, Dhule.)

All Teaching and Non-teaching staff Department of Chemistry,  
Jai Hind Educational Trust's Zulal Bhilajirao Patil College, Dhule.





## आपला महाराष्ट्र

### संशोधनाद्वारे समाजातील समस्या सोडवाव्यात-डॉ. विकास गिते

धुळे, दि. ३०- युवकांनी पदव्युत्तर शिक्षण प्राप्त केल्यानंतर संशोधन क्षेत्रात काम करतांना संशोधनाचा उपयोग समाजातील समस्या सोडविण्यासाठी व्हावा असे प्रतिपादन डॉ. विकास गिते यांनी केले.

शहरातील जयहिंद शैक्षणिक संस्था संचालित डेड. बी. पाटील महाविद्यालयात अंतर्गत गुणवत्ता निर्धारण कक्ष व रसायनशास्त्र मंडळातर्फे पदवी व पदव्युत्तर विभागातील विद्यार्थ्यांसाठी लघु संशोधन प्रकल्प: साहित्य पुनरावलोकन, डिझाईनिंग प्रयोग,



सादरीकरण आणि प्रबंध या विषयावर एक दिवसीय कार्यशाळेचे आयोजन करण्यात आले. केव्हीसी उत्तर महाराष्ट्र विद्यापीठातील पॉलिमर विभागाचे प्रभारी प्रमुख डॉ. विकास गिते यांनी मार्गदर्शन केले. अध्यक्षस्थानी प्राचार्य डॉ. पी. एच. पवार होते. याप्रसंगी उपप्राचार्य प्रा. व्ही. एस. पवार, डॉ. डी. के. पाटील, डॉ. वर्षा पाटील,

रसायनशास्त्र मंडळाचे अध्यक्ष डॉ. व्ही. बी. जाधव, प्राध्यापक, कर्मचारी व विद्यार्थी उपस्थित होते. डॉ. गिते यांनी यावेळी लघु संशोधन प्रकल्पासाठी लागणारे साहित्य कसे शोधावे, प्रयोग कसे सेट करावेत, संशोधनाचे विश्लेषण, अहवाल लिहिणे, निरीक्षण तक्ता इत्यादी बाबींवर सविस्तर प्रकाश

टाकला. तसेच एमएससी नंतर करिअरच्या संघर्षाबाबत विद्यार्थ्यांकडून आलेल्या प्रश्नांची उत्तरे देवून त्यांचे समाधान केले. प्रास्ताविक करताना डॉ. जाधव यांनी केले. सूत्रसंचालन प्रा. निशा वर्मा यांनी केले तर आभार समन्वयक डॉ. स्वप्नील सोनवणे यांनी मानले. कार्यशाळेच्या यशस्वीतेसाठी रसायनशास्त्र मंडळाचे सचिव डॉ. प्रवीणसिंग गिरासे, डॉ. स्वप्नील पाडवी, प्रा. सोनी डंबीर, प्रा. मृणाली मोरे, प्रा. राजन ढोले, प्रा. गौरव देवरे, प्रा. रोहिणी घनार, शिक्षकेतर सहकारी रघुनाथ पाटील, रूपसिंग पावरा, गिरधर मोरे व संदीप पाटील यांनी परिश्रम घेतले.

## धुळे मैदान

सर्वसामान्य जनांचा वृत्त आवाज

### संशोधनाचा उपयोग समाजातील समस्या सोडविण्यासाठी व्हावा : डॉ. गिते

#### जयहिंदमध्ये लघु संशोधन प्रकल्प कार्यशाळा संपन्न

धुळे । युवकांनी पदव्युत्तर शिक्षण प्राप्त केल्यानंतर संशोधन क्षेत्रात काम करतांना संशोधनाचा उपयोग समाजातील समस्या सोडविण्यासाठी व्हावा असे प्रतिपादन डॉ. विकास गिते यांनी डेड. बी. पाटील महाविद्यालयात केले.

शहरातील जयहिंद शैक्षणिक संस्था संचालित डेड. बी. पाटील महाविद्यालयात अंतर्गत गुणवत्ता निर्धारण कक्ष व रसायनशास्त्र मंडळातर्फे दि. २७ सप्टेंबर २०२२ रोजी पदवी व पदव्युत्तर विभागातील विद्यार्थ्यांसाठी 'लघु संशोधन प्रकल्प: साहित्य पुनरावलोकन, डिझाईनिंग प्रयोग, सादरीकरण आणि प्रबंध या विषयावर एक दिवसीय कार्यशाळेचे आयोजन करण्यात आले. केव्हीसी उत्तर महाराष्ट्र विद्यापीठातील पॉलिमर विभागाचे प्रभारी प्रमुख डॉ. विकास गिते यांनी मार्गदर्शन



केले. कार्यक्रमाचे अध्यक्षस्थान प्राचार्य डॉ. पी. एच. पवार यांनी भूषविले. याप्रसंगी उपप्राचार्य प्रा. व्ही. एस. पवार, उपप्राचार्य डॉ. डी. के. पाटील, महाविद्यालय अंतर्गत गुणवत्ता निर्धारण कक्ष संयोजिका तथा उपप्राचार्या डॉ. वर्षा पाटील, रसायनशास्त्र विभाग प्रमुख व रसायनशास्त्र मंडळाचे अध्यक्ष डॉ. व्ही. बी. जाधव, प्राध्यापक वृंद, शिक्षकेतर कर्मचारी व विद्यार्थी उपस्थित होते.

डॉ. विकास गिते यांनी यावेळी लघु संशोधन प्रकल्पासाठी लागणारे साहित्य कसे शोधावे, प्रयोग कसे सेट करावेत, संशोधनाचे विश्लेषण, अहवाल लिहिणे, निरीक्षण तक्ता इत्यादी बाबींवर सविस्तर प्रकाश टाकला. तसेच एमएससी नंतर करिअरच्या संघर्षाबाबत विद्यार्थ्यांकडून आलेल्या प्रश्नांची उत्तरे देवून त्यांचे समाधान केले. संशोधन कामासाठी मिळणाऱ्या विविध शिष्यवृत्तीबाबत माहिती दिली. विद्यापीठातर्फे आयोजित

'आविष्कार' स्पर्धेची प्रक्रिया समजावून सांगितली व विद्यार्थ्यांना स्पर्धेत सहभागी होण्यासाठी प्रोत्साहित केले.

प्रास्ताविक करताना डॉ. व्ही. बी. जाधव यांनी विद्यार्थी व प्राध्यापक यांच्या विकासासाठी रसायनशास्त्र विभाग व मंडळातर्फे सुरु असलेल्या शैक्षणिक व संशोधनपर उपक्रमांचा आढावा घेतला. सूत्रसंचालन प्रा. निशा वर्मा यांनी केले तर आभार प्रदर्शन कार्यशाळेचे समन्वयक डॉ. स्वप्नील सोनवणे यांनी केले. कार्यशाळेच्या यशस्वीतेसाठी रसायनशास्त्र मंडळाचे सचिव डॉ. प्रवीणसिंग गिरासे, डॉ. स्वप्नील पाडवी, प्रा. सोनी डंबीर, प्रा. मृणाली मोरे, प्रा. राजन ढोले, प्रा. गौरव देवरे, प्रा. रोहिणी घनार, शिक्षकेतर सहकारी श्री. रघुनाथ पाटील, रूपसिंग पावरा, श्री. गिरधर मोरे व संदीप पाटील यांनी परिश्रम घेतले.

**DEPARTMENTAL ACTIVITIES:**  
**“Department of Botany”**

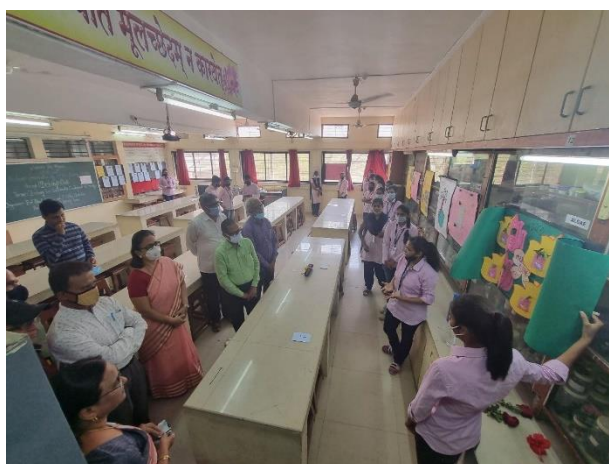
**1) Science Day Program 2021-22**

➤ **Inauguration Information –**

By Hon. Principal of college Dr. P. H. Pawar, in presence of Prof. Dr. Neelima Patil, Director, JET’s Dhule, Prof. V. S. Pawar (Vice-principal Science Section), Dr. V. S. Patil (Vice-principal Commerce Section), Dr. D.K. Patil (Vice-principal Arts Section), Dr. R.P. Borale (HOD of Zoology), Dr. P. K. Patil (HOD of Geography), Dr. B. D. Garud (Retired faculty of Dept. of Botany).

➤ **Key points of Programme:**

- ✓ T. Y. B.Sc. students prepare posters on different topics under the theme **“Botany for Sustainable Development of Society”**
- ✓ The topics of posters cover the area as follows
  - **Natural Soil Health and its Conservation**
  - **Mangrove Ecosystem**
  - **Sacred groves**
  - **Medicinal Plants**
  - **Forest.**



## 2) Science Day Program 2022-23

### ➤ Inauguration Information –

By Hon. Vice-Principal of college Prof. V. S. Pawar, in presence of Prof. Dr. Neelima Patil, Director, JET's Dhule, Dr. V. S. Patil (Vice-principal Commerce Section), Dr. D.K. Patil (Vice-principal Arts Section), Dr. R.P. Borale (HOD of Zoology), Dr. P. D. Kasabe, Dr. K. M. Gholap.

### ➤ Key points of Programme:

- ✓ T. Y. B.Sc. along with FY and SY students prepare posters on different topics under the theme “**Botany for Reducing Climate Change**”
- ✓ The topics of posters cover the area as follows
  - **Climate Change introduction**
  - **Ecological/Plants as a indicator for climate change**
  - **Biodiversity and climate change**
  - **Millet's importance for sustainable life style of society**
  - **Cyllage concept**
  - **Habitat importance, invasive species and native species, Agrobiodiversity.**





## Botany Club Activities

**About:** Botany club is one of the development initiatives started by the Department of Botany, Zula Bhilajirao Patil College Dhule. Through open discussion with the professionals, this group offers a forum for all students to exchange various viewpoints on science, the subject, and their connection to society.

In order to improve the prospects for the students, it also offers the career orientation program. It gives the process of teaching and learning a new perspective by incorporating a variety of activities into a single platform debate (Gappa Goshti) that use logic and science.

Botany Club also emphasizes the leadership abilities of students as well as their management, thinking, and positive outlook. One of the club's goals is to help the students to become more self-assured and optimistic.

### Aim and Objectives:

- Subject and Society (Stories, Science fictions and research)
- Career orientation
- Current affair and subject
- Course orientation
- Management and leaderships
- Guest lectures
- Open classrooms



## Lampi Disease Awareness Program (08 October 2022)





## **Wildlife Week 2022 Inauguration Ceremony**

On Tuesday, 04/10/2022, a program was organized on the occasion of “National Wildlife Week Celebration - 2022” in association with Forest Department Office Dhule, Zoo Club of Zoology Department, Internal Quality Assurance Cell and Science Association at JET’s Zulal Bhilajirao Patil College, Dhule. The Wildlife Week 2022 celebration commenced with a grand inauguration ceremony held at the A-6 Hall. Distinguished guests, including environmentalists, wildlife experts, government officials and representatives from non-governmental organizations graced the occasion. The ceremony began with lightening the lamp.

Principal Dr. P. H. Pawar was President of the event and the special guest was Shri. D. W. Pagar (Chief Conservator of Forests, Dhule), Dr. P. M. Vyawahare (Ornithologist), Dr. P. M. Ahire (Honorary Wildlife Warden, Dhule), Shri. S. V. Patil (Divisional Forest Officer Vigilance, Dhule), Shri. A. R. Jadhav (Divisional Forest Officer Planning, Dhule), Shri. Prem Kumar Ahire (Friends of Nature, Dhule). Vice Principals Shri. V. S. Pawar, Dr. D. K. Patil and Dr. Varsha Patil (IQAC Coordinator) and Dr. R. P. Borale (Head of Department of Zoology and Coordinator of Science Association) were there too.

Dr Gavale H. S. (Member, Science Association) introduced the Hon. Guests. Dr Shinde S. M. (Coordinator, ZOO Club) introduced the theme of the “Wild Life Week 2022” and emphasized the significance of wildlife conservation in his introductory speech.

The Hon. Chief Guest of the program Shri. D. W. Pagar gave in-depth information about the forest and wildlife in Khandesh region and informed about the various activities being implemented for the protection of forest and wildlife through the forest department. Emphasizing the paramount importance of wildlife preservation for ecological harmony and sustainable progress, he underscored the challenges that endangered species face and urged active participation in wildlife conservation. He also spoke about the newly declared forest areas by the Maharashtra government. Shri. Pagar also gave valuable guidance to the students about the various posts and opportunities available in the Forest Department and appealed to the students to join the service in large numbers.

The second chief guest of the programme was Dr Vyawahare P. M. a well known ornithologist and former Faculty of Dept. of Zoology. With an appealing PowerPoint presentation, he vividly illustrated the rich avian biodiversity of Dhule City and its surrounding areas and their crucial role in the ecosystem. His talk revealed an important part

of our natural world, showing how birds are closely connected to the environment around them.

The Presidential address by Dr. P. H. Pawar marked the conclusion of the ceremony. Dr Pawar gave a strong and inspiring talk. With passion, Dr. Pawar highlighted the importance of caring for our wildlife. He also showed us how we can do more than just celebrate during National Wildlife Week – we can actually help protect our wildlife by taking practical steps.

Dr. Gavale H. S. delivered the vote of thanks. He extended his appreciation to all the esteemed guests, participants and organizers who had come together to make the Wildlife Week 2022 celebration a resounding success.



## **Wild Life Week – 2022: Nature Walk - Laling Reserved Forest**

**Date: October 08, 2022**

The second day of the Wildlife Week celebration featured an exciting nature walk arranged at Laling Reserve Forest 15.4 km away from Dhule city. The walk was led by experienced zoology department faculty Dr Borale R. P. (Head of Department & Coordinator of JET's Science Association), Dr Shinde S. M. (Coordinator, ZOO Club), Mr Khairnar K. B., Ms Chohan J. M. and Ms Pise D. B.

During the walk, Dr Borale R. P. also imparted knowledge about the importance of preserving these natural habitats and the measures being taken to protect endangered species. Dr Shinde S. M. and Mr Khairnar K. B. provided insights into various species of plants and animals encountered during the excursion.

The students who participated in the event got to explore the diverse flora and fauna of the Laling Reserve Forest. The nature walk provided an excellent opportunity to connect with nature and witness several species of birds, butterflies, insects and small mammals in their natural habitats. The nature walk wasn't just about learning through words – it was a hands-on adventure that deepened everyone's understanding of the beauty and significance of wildlife conservation. This event was a wonderful chance for the participants to connect with nature on a personal level. It highlighted the delicate balance between wildlife and their habitats, showing how important it is to care for these spaces. By the end of the nature walk, everyone had gained a greater appreciation for the wonders of the natural world and the importance of preserving it for future generations.







## **Wild Life Week – 2022: Quiz Competition**

**Date: October 6, 2022**

On October 6, 2022 a wildlife-themed quiz competition was organized by ZOO-Club of Dept. of Zoology and Science Association of our institute, bringing together students from various departments to test their knowledge about wildlife and conservation. The quiz covered topics such as endangered species, ecosystems, conservation efforts and the importance of biodiversity. The quiz competition was precisely organized with careful attention to detail to ensure a seamless and appealing experience for all participants.

Dr. S. M. Shinde (Coordinator, ZOO-Club), Mr. K. B. Khairnar and Ms. J. M. Chohan from Dept of Zoology teamed up to make the quiz questions and set up the competition under the guidance of Mrs. Vandana S. Patil and Dr. R. P. Borale (HOD, Zoology Department).

Mrs. Vandana S. Patil, a very respected and senior teacher from the Zoology Department, began the event by talking about why we should take care of wildlife. Her clear and pleasant voice filled the room, creating a feeling of respect and excitement for the competition. She explained in simple and beautiful words that it's really important to protect our environment and why we need to do it quickly. Mrs. Patil also said that the competition wasn't just about knowing facts, but a chance for students to learn about the amazing balance of life around us. She spoke so well that she smoothly switched from being serious to getting everyone excited for what was coming next.

The quiz competition was graced by the presence of distinguished judges, each bringing their expertise and insights to the event. Dr. H. S. Gavale (HOD, Physics Department), Mr. S. N. Patil and Mr. A. S. Hire (Department of Botany). Their role as judges not only added to the competition's credibility but also underscored the interdisciplinary nature of wildlife conservation.

The participants were put into three different teams, each named after famous places where animals are protected - Tadoba, Gautala, Bhimashankar and Melghat. This way of grouping made the event feel like a friendly competition among friends. Each team had students who really cared about animals and saving them. Every team had a mix of students with different backgrounds and things they're interested in, showing that everyone can join in to help protect nature. As the competition went on, these teams worked together like a team, helping each other learn. The combination of challenging questions, lively interactions and the passionate involvement of participants transformed the quiz competition into an experience that was both educational and enjoyable. Through this event, students were



empowered with knowledge that can drive positive change in the realm of wildlife conservation.



## Wild Life Week – 2022: Poster Competition

On **October 7, 2022** an engaging poster competition was organized by the Zoology Department to inspire students and raise awareness about the vital subject of wildlife conservation. The competition was open to all students within the department. The main goal was to encourage students to express their ideas artistically, highlighting the significance of safeguarding wildlife, the consequences of human actions on our ecosystems and strategies for promoting sustainable practices.

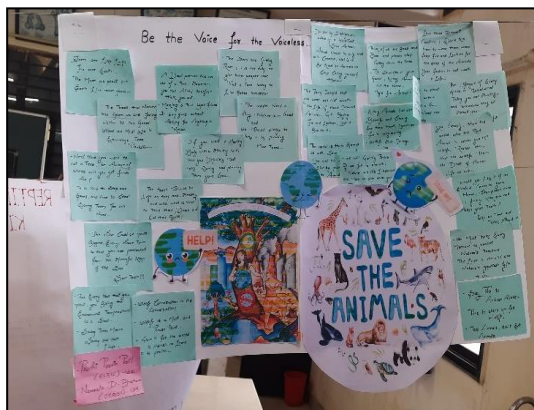
Participants in the competition exhibited impressive creativity and a profound understanding of conservation-related issues. They used their artistic talents to convey messages about protecting wildlife and preserving our natural world. These thought-provoking posters served as a medium to convey the urgency of conservation efforts.

Following the competition, the selected posters were proudly exhibited within the Zoology Department for an entire week. This allowed a broader audience, including students, faculty and staff, to appreciate and be inspired by the remarkable work of their peers. It was an important step towards spreading the message of conservation and motivating others to get involved in protecting our precious natural heritage.

This event, in essence, served as a constant reminder of our collective responsibility to protect and preserve the precious biodiversity of our planet. It reinforced the idea that through artistic expression and shared awareness, we can work towards a better and more sustainable future for both wildlife and humanity.











## **Projects**

<b>S.N.</b>	<b>Class</b>	<b>Department</b>	<b>Year</b>
1	TYBSc Computer Science	Computer Science	2018-2023
2	TYBSc Information Technology	Information Technology	2018-2023
3	MSc Computer Science	Computer Science	2018-2023
4	MSc Information Technology	Information Technology	2018-2023
5	MSc Organic Chemistry	Chemistry	2020-2021
6	MSc Organic Chemistry	Chemistry	2021-2022
7	MSc Organic Chemistry	Chemistry	2022-2023

## Project: MSc Computer Science (2018-23)

JET's Zulal Bhilajirao Patil College, Dhule  
Dept. of Computer Science & I.T.  
M.Sc (with Credits)-Regular-June-2017 Pattern - Comp. Sci., M.Sc Part-2, Sem-3  
Academic Year :2018-2019

Sr.No.	Student Name	Project Name
1	Babar Kalyani Kiran	Online Smart Library Mobile App
2	Bhamare Snehal Diliprao	Online Matrimony Mobile App
3	Bolra Shweta Prakash	Agriculture Management System
4	Borase Leena Vijay	Analysis Of Peer To Peer File Sharing N/W Credit System For College
5	Chaudhari Purnima Sanjay	City Food Corner Mobile App
6	Dange Pallavi Sanjay	Online Blood Bank Management System
7	Deore Varsha Yashwant	Automatic Question Paper Generator System
8	Dev Jyoti Chandrakant	Real Time Detection Of Traffic From Social Media Stream Analysis
9	Devale Ashwini Balkrishna	Online Auction Mobile Application
10	Jadhav Yogita Kishor	Java Sql Builder
11	Khairnar Bhushan Madhukar	Grampanchayat Portal Mobile App
12	Patil Bhavana Ramrao	Online Hospital Appointment Mobile App
13	Patil Chetan Dnyaneshwar	Easy Food System
14	Patil Dipika Ravindra	Secured Auditing And Deduplicating Data In Cloud
15	Patil Mayuri Rajendra	A Cocktail Approach For Travel Package Recommendation
16	Rana Monti Sanjay	E-Health Care Advisor
17	Sonawane Mayuri Sunil	Appli City
18	Suryawanshi Rohini Vasudeo	Online Alumni Management System
19	Wagh Pallavi Vijay	Objective Examination System

  
Head  
Department of Comp. Sci. & I.T.  
Zulal Bhilajirao Patil College  
Bilhananagar, Narasimha  
Z. B. Patil Marg, Dhule,  
Dhule - 424 002.



JET's Zula Bhalajirao Patil College, Dhule

Dept. of Computer Science & I.T.

M.Sc (with Credits)-Regular-June-2017 Pattern -Computer Science , M.Sc Part-II , Sem-IV

Academic Year :2019-2020

S.N.	Student Name	Project Title
1	Amrutkar Tejaswini Eknath	Mobile Shop Management System
2	Borase Shiwam Gaman	Data Structure Tutor
3	Pramod Kashinath Chaudhari	E-Agriculture
4	Borse Ashwini Pradip	At Your Door
5	Harshada Chavan	Online Cab Booking System
6	Girase Prajakta Ravindrasing	Online Diagnostic Lab Test Booking System
7	Mohini Bansilal Khalane	Cycle Shop System
8	Pawvelkar Komal Raju	Online Mess Order Project
9	Nandre Priyanka Ramesh	E-Notes Sharing
10	Mahale Dhanshree Ramdas	Tv Shows Voting Mobile App
11	Pathak Sonali Dharmendra	Enterprise Resource Planner
12	Darshana Bharat Patil	School Administration System Web Applications
13	Patil Kavita Lotan	Online Tour Booking System
14	Patil Mayur Ajay	Online Organ/Tissue Donation System
15	Nikita Bharat Patil	Online Book Shop System
16	Pawar Smital Vilas	Online Food Diet System
17	Pawar Rupali Vijaykumar	Ration Shop System
18	Rajput Manisha Bhila	Smart City Traveller
19	Solankhe Anita Mohan	E -Governance

Head  
Department of Comp. Sci. & I.T.  
Zula Bhalajirao Patil College  
Mukeshambharshi Namasthali  
Z. B. Patil Marg, Durgam,  
Dhule - 431 002.

**JET's Zula Bhilajirao Patil College, Dhule**

**Dept. of Computer Science & I.T.**

**M.Sc (with Credits)-Regular-June-2017 Pattern - Computer Science, M.Sc Part-II , Sem-IV**

**Academic Year : 2020-2021**

<b>S.N.</b>	<b>Student Name</b>	<b>Project Title</b>
1	Akanksha Sanjay Sonje	Mobile Shop Management System
2	Neha Chandrakant Pawar	Online Mess Ordering System
3	Ahire Harishchandra Santosh	Helping Food Donation Mobile App
4	Chavan Pratiksha Ashok	Watch Shop Management
5	Chaudhari Bhavna Rajendra	Event Hall Management System
6	Mali Jyotsna Dhanraj	Ration Shop System
7	Agrawal Kirti Vijaykumar	Jewellery Shop System
8	Dahiwadkar Chaitali Kishor	Medical Shop System
9	Kute Sayali Prakash	Veckical Booking
10	Shinde Pooja Suresh	Petrol Pump Billing System
11	Suryawanshi Dewyani Rajendra	Online Exam System
12	Neha Satish Bhadane	Milk Shop System
13	Bhure Ganesh Bhalchandra	Cracker Shop System
14	Jakaldar Jagruti Bhikan	lot Based Traffic Control System
15	Baviskar Sachin Shivaji	Friendbook
16	Bhadane Sunil Pundlik	Blood Bank Management System

**Head**  
Department of Comp. Sci. & I.T.  
Zula Bhilajirao Patil College  
Bhikshamchavshi Namanshal  
K.B. Patil Marg, Dhule,  
Dhule - 434 002.

**JET's Zulal Bhilajirao Patil College, Dhule**  
**Dept. of Computer Science & I.T.**  
**M.Sc (with Credits)-Regular-June-2021 Pattern - Computer Science , M.Sc Part-II , Sem-IV**  
**Academic Year :2021-2022**

Sr.No.	Student Name	Project Title
1	Patil Mohini Vasant	E-Fitness Club
2	Bachhav Snehal Shashikant	Training And Placement
3	Shradha Rajendra Kankariya	Blood Group
4	Bhadane Mukal Ravindra	Bachat Gat Online System
5	Patil Chinmayee Gorakh	Online Vehicle Showroom
6	Bagul Rahul Bhivsan	Online Fertilizer Shopping
7	Sisode Mruganayani Rajendra	Gully Control
8	Babar Tejaswinee Jitendra	Discount-Scheme-Portal
9	Londhe Komal Hanraj	Grain Distribution System
10	Khaimar Trupti Sunil	Hotel Table Booking
11	Yeole Manasi Pravin	Online Unmed Medicine Donation
12	Deore Lina Bhikaji	Online Courier System
13	Desale Rahul Chandan	Vehicle Workshop Maintenance System.
14	Landage Vaibhaves Devanand	Exit Survey
15	Devare Trupti Pravin	Army Canteen Stored Department
16	Dabhade Namrata Prakash	"COVID-19 Real Time Counter, World Map Android App"
17	Birari Madhavan Mangesh	Restaurant Management System
18	Shinde Jagruti Yuvraj	Bakery Shop System
19	Pawar Varsha Jagdish	Hostel Management System
20	Sonawane Nikhil Satish	Gym Management System
21	Amrutkar Bhavana Shamrao	Flight Price Prediction System
22	Thakare Aniket Satish	House Price Prediction System
23	Deore Dhanashri Rajendra	Pharmacy Management System
24	Patil Kavita Sardar	Question Paper Generator

**Head**  
Department of Comp. Sci. & I.T.  
Zulal Bhilajirao Patil College  
Sinhgauranagar, Naranashib  
2, A.Patil Marg, Dagar,  
Dhule - 424 002.



**JET's Zula Bhilajirao Patil College, Dhule**  
**Dept. of Computer Science & I.T.**  
**M.Sc (with Credits)-Regular-June-2021 Pattern - Computer Science , M.Sc Part-II , Sem-IV**  
**Academic Year : 2022-2023**

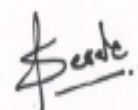
Sr.No.	Student Name	Project Title
1	Patil Roshani Ramesh	E-Library Management System
2	Pande Harshal Arun	Toy Shop System
3	Patil Kalyani Jitendra	Restaurant Management System
4	Rajput Priyanka Ramesh	Bank Management System
5	Patil Rachita Nitin	Art Gallery Management System
6	Patil Divya Dinesh	Achieving Secured Patient Information On Cloud
7	Gangurde Khetanjali Devidas	Online Hotel Booking System
8	Wagh Chaitali Dipak	Feedback System For Product
9	Pitruhbhakti Pratiksha Rajesha	Airline Reservation System
10	Patil Rajeshwari Sanjay	Online Leave Application System
11	Abhale Kajal Sanjay	Online(Smart) Note Taker
12	Mistari Megha Aba	Healthi-Fy Healthcare Application System
13	Patil Neha Sarjeraso	Event Management System
14	Gosavi Ashutosh Vijay	Blood Bank Management System
15	Hulage Dnyanesh Ajinath	Watch Shop System
16	Joshi Neha Sunil	Online Jobs Portal
17	Sonawane Kiran Balu	Car Rental System
18	Patil Yash Ravindra	Lms(Library Management System)
19	Patil Vinita Sudhir	Medicine Distribution System
20	Pardechi Akshay Ajitnag	Objective Exam System
21	Patil Rohit Nilesh	Bakery Shop System
22	Pagare Tushar R.	Web Based Application For Online Shopping

**Head**  
Department of Comp. Sci. & I.T.  
Zula Bhilajirao Patil College  
Shikharanagar, Dhule  
Z.B. Patil Marg, Dhule,  
Dhule - 424 002.

## Project: MSc Information Technology (2018-23)

JET's Zulal Bhilajirao Patil College, Dhule  
Dept. of Computer Science & I.T.  
M.Sc (with Credits)-Regular-June-2017 Pattern - Info. Tech, M.Sc Part-II , Sem-3  
Academic Year :2018-2019

Sr.No.	Student Name	Project Title
1	Agrawal Riya Santosh	Bus Ticket Using QR Code Mobile Application
2	Ahirrao Umesh Sanjay	Online Event Management System
3	Bhosale Vaishali Digambar	Online Gift Shop
4	Borse Shradha Hemant	Bus Tracking Mobile Application
5	Chavan Renuka Sanjay	LIC Management System
6	Hire Atul Sanjay	City Trading Mobile App
7	Joshi Manish Vijay	Employee Tools Response Mobile App
8	Karnawat Pratiksha Pramodkumar	Online House Rental Management System
9	Khairnar Rohit Rajaram	Online Vaccination System
10	Khandelwal Saurabh Mahesh	Home Appliances Control System
11	Marathe Ajinkya Shankar	VB Interface To Java Converter
12	Marathe Ankita Rajendra	Duty Schedule Mobile App
13	Nerkar Jayshri Pradip	Online Cake Booking System
14	Patil Priyanka Shantaram	Online Photographer System
15	Patil Rita Kishor	Online Jewellery Shopping Web Application
16	Pinjari Shaikh Ajroddin Shaikh Munaf	Uptime Robo
17	Sonawane Chetana Vishwajit	Online Food Ordering System
18	Sonawane Mrunali Ravindra	Online Book Exchange System
19	Thakare Ujjwala Shantaram	Online Gas Booking Web Application



**Head**  
Department of Comp. Sci. & I.T.  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Nanasaheb  
Z. B. Patil Marg, Deepur,

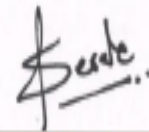
JET's Zulal Bhilajirao Patil College, Dhule

Dept. of Computer Science & I.T.

M.Sc (with Credits)-Regular-June-2017 Pattern -Information Tech , M.Sc Part-II , Sem-IV

Academic Year :2019-2020

S.N.	NAME	Project Title
1	Bagul Neha Vijay	Online Exhibition Portal
2	Borase Mohit Jagatrao	Ration Shop Inventory System
3	Agrahari Pushpavati S.	Training And Placement System
4	Chavan Rakshanda Sanjay	Online Garment Shop
5	Gurav Lokesh Dilip	Online Chair Shop
6	Khonde Ashwini Suresh	Online Pet Shop Management System
7	Jangid Neha Satish	Online Hotel Table Booking System
8	Mali Shamali Rajan	Online Jewellery Shopping Web Application
9	Pawar Shubham Nandalal	Online Photography System
10	Nerkar Dhanashri Ramkrushna	Work Allocation Appraisal System
11	Patil Anupriya Kishor	Online Placement System Web Application
12	Sonar Archana Vikas	Farmer Interface System
13	Sagar Kailas Vispute	Online Portfolio And Blogging
14	Chavan Pallavi Bhausahab	Online Student Helpline (Alumni)



**Head**

Department of Comp.Sci. & I.T.  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Nanasaheb  
Z.B.Patil Marg, Deopur,  
Dhule - 424 002.



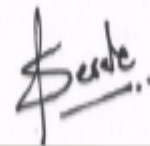
JET's Zulal Bhilajirao Patil College, Dhule

Dept. of Computer Science & I.T.

M.Sc (with Credits)-Regular-June-2017 Pattern -Information Tech, M.Sc Part-II , Sem-IV

Academic Year : 2020-2021

S.N.	Student Name	Project Title
1	More Pratik Sunil	School Management System
2	Jadhav Harshada Jitendra	Online Property System
3	Girase Archana Jaydevsing	Cycle Shop System
4	Manglani Karan Vijaykumar	Online Blood Donation
5	Punjabi Ankita Bhushan	Banking Card Issue
6	Kothawade Komal Mukund	Zero % Hunger
7	Shinde Shubham Mukundrao	Reminder Wallpaper
8	Desale Rohini Chandrakant	Pizza Management
9	Kabade Nishant Sanjay	E-Healthcare
10	Patil Saurabh Rajendra	Pizza Shop System
11	Mainkar Sneha Sanjay	Hotel Management System
12	Shukla Snehal Sanjay	Ticket Reservation System



Head

Department of Comp.Sci. & I.T.  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Nanasaheb  
Z.B.Patil Marg, Deopur,  
Dhule - 424 002.

**JET's Zulal Bhilajirao Patil College, Dhule**  
**Dept. of Computer Science & I.T.**  
**M.Sc (with Credits)-Regular-June-2021 Pattern - Info. Tech. , M.Sc Part-II , Sem-IV**  
**Academic Year :2021-2022**

Sr.No.	Student Name	Project Title
1	Visave Amruta Ratilal	Shop Billing System
2	Nikam Priyanka Balasaheb	Secure data exchange
3	Gangurde Vasanti Sanjay	Online books shopping system
4	Khairnar Madhuri Suresh	Online Hotel Management System
5	Shinde Manasee Mukundrao	Student Bus Pass System
6	Ahirrao Jitesh Prakash	Graphical Password ( Image Based Authentication Password)
7	Jadhav Supriya Sunil	GST billing app
8	Pawar Yash Chandrakant	Online Voting System
9	Patil Sanjay Ravindra	School management System
10	Wagh Komal Digambar	E-Real Estate system
11	Kadam Neha Bhatu	E- Health Card
12	Patil Mayuri Sanjay	Investment adviser system
13	Mistari Shakuntala Sanjay	Online Exam system
14	Bagal Bhagyashri Ambarraj	Online Cab Booking system
15	Kadam Shubham Ratnakar	Online book Exchanges system
16	Salave Divya Rajendra	Online Rental House Management System
17	Lade Anjali Ramdas	Online Library System
18	Baisane Sejal Sunil	Mobile shop management system
19	Thakare Mahesh Pandit	Airline Reservation System
20	Chaurasiya Aayushi Rajesh	Hardware service centre
21	Chaudhari Priyanka Ravindra	computer lab maintenance system
22	Borse Yashnyesh Satish	The smart restaurant system

  
**Head**  
Department of Comp. Sci. & I.T.  
Zulal Bhilajirao Patil College  
Bhikhanurgharshi Vasasheb  
Z. B. Patil Marg, Deepur,  
Dhule - 424 002.

**JET's Zulal Bhilajirao Patil College, Dhule**  
**Dept. of Computer Science & I.T.**  
M.Sc. (with Credits)-Regular-June-2021 Pattern - Information Technology , M.Sc Part-II , Sem-IV  
Academic Year : 2022-2023

Sr.No.	Student Name	Project Title
1	Pathak Hariom Arun	Online Cab Booking System
2	Patil Harshada Shivaji	Preserving Privacy On Cloud Computing Over Medical Data
3	Sonawane Shubhangi Narendra	Online Food Ordering System
4	Chaudhari Kalyani Atul	Healthcare Application
5	Jadhav Bharati Vijay	Online Source Code Editor
6	Ramkrushn Bharat Deore	Mobile shop Management System
7	Patil Devendra Madhukar	Online Cloth Shop System
8	Bahiram Ashwini Ekanath	Hospital Management System
9	Patil Nikita Ashok	Online Auction Web Application
10	Chhajed Mayuri Nitin	Online Pathology Web Application
11	Swapnil Tulshidas Bhamare	E - Commerce
12	Deore Hital Jagannath	Website Development of Restaurant Management System
13	Chaudhari Tushar Magan	Hardware Service Centre
14	Masule Ghanshyam Suresh	Computer Lab Maintenance System



**Head**  
Department of Comp.Sci. & I.T.  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Naansheb  
Z.B.Patil Marg, Deopur,  
Dhule - 424 002.




## Project: MSc Organic Chemistry (2020-21)

### Short Research Project

MSc-II : (CH-O-4) List of Student with Project Title  
Year-2020-21

(Project Guide: - Dr. P. S. Girase and Dr. S. A. Padvi)

1.	Badgujar Jagruti Sudam	Review of Recent Developments in Tetrazole Derivatives
2.	Chaudhari Priyanka Ravindra	Review on Bigineli reaction
3.	Desale Rohan Pravin	Synthesis of Benzimidazole Derivatives-an Overview
4.	Deshmuskh Dipak Vikram	Synthesis of Benzimidazole Derivatives-an Overview
5.	Patil Yogesh Bhausaheb	Synthesis of Benzimidazole Derivatives-an Overview
6.	Gawade Rushikesh Parmeshwar	A Review on Knoevenagel Condensations
7.	Girase Joshana Komalsing	Bis-Lawsone in Organic Synthesis: A Review
8.	Gujrathi Jagruti Shirish	Review of Recent Developments in Tetrazole Derivatives
9.	Marathe Mrunali Suresh	Review of Recent Developments in Tetrazole Derivatives
10.	Patil Chaitali Abasaheb	Review on Bigineli reaction
11.	Patil Damini Rajkumar	Bis-Lawsone in Organic Synthesis: A Review
12.	Patil Rohit Prakash	A Review on Knoevenagel Condensations
13.	Shinde Dhanraj Vishwas	A Review on Knoevenagel Condensations
14.	Suryavanshi Hemangi Dipak	Review on Bigineli reaction
15.	Wadekar Kalpesh Shiram	A Review on Knoevenagel Condensations
16.	Yelekar Priti Valmik	Bis-Lawsone in Organic Synthesis: A Review

  
Dr. Y. B. Jadhav  
Department of Chemistry  
Zulal Bhilajirao Patil College  
Shikshanmaharshi  
Nanasaheb Z.B. Patil Marg,  
Deopur, DHULE- 424 002



  
Dr. Y. B. Jadhav  
Department of Chemistry  
Zulal Bhilajirao Patil College  
Shikshanmaharshi  
Nanasaheb Z.B. Patil Marg,  
Deopur, DHULE- 424 002

## Project: MSc Organic Chemistry (2021-22)

**Short Research Projects for the M.Sc. Organic Chemistry Degree Students (2021-22):**  
Worked as Project Guide/Mentor- Dr. P. S. Girase


Sr. No	Name of the Student	Degree	Status	Title of the Research work
1	Khairnar Harshada Aravind	M.Sc. Organic Chemistry	Completed	Application of Pyridine in Knoevenagel Condensation
2	Koli Sunil Subhash	M.Sc. Organic Chemistry	Completed	Application of Pyridine in Knoevenagel Condensation
3	Borase Nilkil Bhalu	M.Sc. Organic Chemistry	Completed	Application of Pyridine in Knoevenagel Condensation
4	Pawara Chameli Ilam	M.Sc. Organic Chemistry	Completed	Application of Pyridine in Knoevenagel Condensation
5	Kulkarni Harshada Mukesh	M.Sc. Organic Chemistry	Completed	Multicomponent Synthesis of 3, 4 - dihydro Pyrimidine 2-(1H) - ones.
6	Shinde Vikas Abhiman	M.Sc. Organic Chemistry	Completed	Multicomponent Synthesis of 3, 4 - dihydro Pyrimidine 2-(1H) - ones.
7	Patil Kamini Madhavrao	M.Sc. Organic Chemistry	Completed	Multicomponent Synthesis of 3, 4 - dihydro Pyrimidine 2-(1H) - ones.
8	Patil Sachin Bhoju	M.Sc. Organic Chemistry	Completed	Multicomponent Synthesis of 3, 4 - dihydro Pyrimidine 2-(1H) - ones.
9	Sonawane Nayana Krushna	M.Sc. Organic Chemistry	Completed	Synthesis of Knoevenagel Products using Pipridine
10	Gathari Satish Tharappa	M.Sc. Organic Chemistry	Completed	Synthesis of Knoevenagel Products using Pipridine
11	Mali Roshani Sanjay	M.Sc. Organic Chemistry	Completed	Synthesis of Knoevenagel Products using Pipridine
12	Mali Sumit Dilip	M.Sc. Organic Chemistry	Completed	Synthesis of Knoevenagel Products using Pipridine\

  
Dr. Y. B. Jadhav  
Head  
Department of Chemistry  
Zulal Bhilajirao Patil College  
Shikshanmaharshi  
Nanasaheb Z.B.Patil Marg,  
Deopur, DHULE- 424 002

## Project: MSc Organic Chemistry (2021-22)

Short Research Projects for the M.Sc. Organic Chemistry Degree Students (2021-22):  
Worked as Project Guide/Mentor- Dr. Swapnil Ashok Padvi

Sr. No	Name of the Student	Degree	Status	Title of the Research work
1	More Bhushan Ashok	M.Sc. Organic Chemistry	Completed	Synthesis Of Benzimidazole by Using Cu-Chitosan as Green Catalyst
2	Mali Komal Rajendra	M.Sc. Organic Chemistry	Completed	Synthesis Of Benzimidazole by Using Cu-Chitosan as Green Catalyst
3	Deore Nikita Nanabhau	M.Sc. Organic Chemistry	Completed	Synthesis Of Benzimidazole by Using Cu-Chitosan as Green Catalyst
4	Pawara Kushal Fala	M.Sc. Organic Chemistry	Completed	Synthesis of dihydropyrano(2,3-c) pyrazole by using cow urine as green solvent
5	Patil Samadhan Dnyaneshwar	M.Sc. Organic Chemistry	Completed	Synthesis of dihydropyrano(2,3-c) pyrazole by using cow urine as green solvent
6	Patil Aniket Dinkar	M.Sc. Organic Chemistry	Completed	Synthesis of dihydropyrano(2,3-c) pyrazole by using cow urine as green solvent
7	Girase Prerana Subhash	M.Sc. Organic Chemistry	Completed	Synthesis of Newer Schiff-Bases from Aryl Amine Catalysed by Citric Acid
8	Patil Tushar Muralidhar	M.Sc. Organic Chemistry	Completed	Synthesis of Newer Schiff-Bases from Aryl Amine Catalysed by Citric Acid
9	Biradi Bhagyashri Sopan	M.Sc. Organic Chemistry	Completed	Lemon Juice as a Natural Catalyst for Synthesis of Isoniazid Derivative
10	Karanda Manisha Khandu	M.Sc. Organic Chemistry	Completed	Lemon Juice as a Natural Catalyst for Synthesis of Isoniazid Derivative

  
Dr. V. B. Jadhav  
Head  
Department of Chemistry  
Zulal Bhilajirao Patil College  
Shikshanmaharshi  
Nanasaheb Z.B.Patil Marg,  
Deopur, DHULE- 424 002




## Project: MSc Organic Chemistry (2021-22)

**Short Research Projects for the M.Sc. Organic Chemistry Degree Students (2021-22):**

Worked as Project Guide/Mentor- 11 Students

Sr. No	Name of the Student	Degree	Status	Title of the Research work
1	Ahire Sagar Milind	M Sc. Organic Chemistry	Completed	"Synthesis, Characterization And Microbial Study of Schiff Base Salicylaldehyde Semicarbazone And It's Cu (II) Metal Complex"
2	Badgujar Varsha Dinesh	M Sc. Organic Chemistry	Completed	"Synthesis, Characterization and Microbial Study of Schiff Base Salicylaldehyde Semicarbazone and it's Fe (II) Metal Complex"
3	Chaudhari Bhushan Kashinath	M Sc. Organic Chemistry	Completed	"Synthesis, Characterization And Microbial Study of Schiff Base Salicylaldehyde Semicarbazone And It's Cu (II) Metal Complex"
4	Chaudhari Yogita Bapu	M Sc. Organic Chemistry	Completed	"Cu (II) Metal Complex of Salicylaldehyde Semicarbazone: Synthesis, Characterization, Conductometric Study and Microbial Activity "
5	Dhole Avinash Ravindra	M Sc. Organic Chemistry	Completed	" Co (II) Metal Complex of Salicylaldehyde Semicarbazone: Synthesis, Characterization, Conductometric Study and Microbial Activity "
6	Ghorpade Amit Vijay	M Sc. Organic Chemistry	Completed	"Synthesis, Characterization and Microbial Study of Schiff Base Salicylaldehyde Semicarbazone and it's Co (II) Metal Complex"
7	Jire Hemlata Rajendra	M Sc. Organic Chemistry	Completed	" Co (II) Metal Complex of Salicylaldehyde Semicarbazone: Synthesis, Characterization, Conductometric Study and Microbial Activity "
8	Patil Kalpesh Raju	M Sc. Organic Chemistry	Completed	"Synthesis, Characterization and Microbial Study of Schiff Base Salicylaldehyde Semicarbazone and it's Fe (II) Metal Complex"
9	Patil Mayur Vilas	M Sc. Organic Chemistry	Completed	"Synthesis, Characterization and Microbial Study of Schiff Base Salicylaldehyde Semicarbazone and it's Fe (II) Metal Complex"
10	Patil Rohini Dhananjay	M Sc. Organic Chemistry	Completed	"Synthesis, Characterization and Microbial Study of Schiff Base Salicylaldehyde Semicarbazone and it's Co (II) Metal Complex"
11	Rajput Sanjivani Sanjay	M Sc. Organic Chemistry	Completed	"Cu (II) Metal Complex of Salicylaldehyde Semicarbazone: Synthesis, Characterization, Conductometric Study and Microbial Activity "

  
Dr. V. B. Jadhav  
Head

Department of Chemistry  
Zulal Bhilajirao Patil College  
Shikshanmaharshi  
Nanasaheb Z.B.Patil Marg,  
Deopur, DHULE- 424 002

## Educational Tour

<b>S.N.</b>	<b>Name of the Place</b>	<b>Department</b>	<b>Date</b>
1	Gujrat Darshan Geographical Tour	Geography	2019
2	Jejuri, Pratibalaji, Khadakvasala dam, Lavasa Shirdi etc	Mathematics	2018-19
3	Statue of Unity, Poicha, Ahemedabad etc	Mathematics	2019-20
4	Udaypur, Jaipur, Jaisalmer, Indo-Pak border (Tanot)	Mathematics	2022-23

**Educational Tour : Gujrat Darshan Geographical Tour (2019)**

कवयित्री बहिनाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, जळगाव.

जयहिंद एज्युकेशन ट्रस्ट संचलित

झुलाल भिलाजीराव पाटील महाविद्यालय, देवपूर धुळे.



**भूगोल विभाग**

प्रात्यक्षिक परिक्षा - मार्च २०१९

गुजरात दर्शन भौगोलिक सहल अहवाल

(नीलकंठ धाम - कुबेर भांडार - सरदार सरोवर - स्टॅच्यू ऑफ युनिटी )

उत्तर महाराष्ट्र विद्यापीठ, जळगाव.

यास सादर

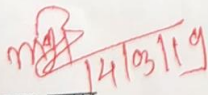
सादरकर्ता

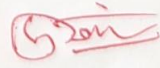
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वर्ग : एस. वाय. बी. ए.

परिक्षा बैठक क्रमांक :

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सहल प्रमुख  
प्रा.मनोज बर्छाव

  
विभाग प्रमुख  
प्रा.डॉ. पी.के.पाटील

प्रस्तावना :- भूगोल विषयात शैक्षणिक सहलीला अनन्य  
 साधारण महत्त्व आहे. पुढाच्या भौगोलिक ठिकाणाला  
 भेट देऊन तेथील भौगोलिक स्थिती जाणून घेणे,  
 हा क्षेत्रभेटीचा प्रमुख उद्देश असतो. शिक्षण क्षेत्रामध्ये वाढत्या  
 चार भितीच्या आड केलेले अध्ययन व प्रत्येकात नियमनाच्या  
 साधनात जाऊन तेथील नैसर्गिक अविष्कारांचे केलेले  
 अध्ययन यात बरीच तफावत असते. निरन्याचे साधनात  
 जाऊन तेथे मिळवलेले प्रत्येका ज्ञान व अनुभव हा अविस्मरणीय  
 असतो. शैक्षणिक सहलीमुळे आपल्या ज्ञानाच्या कड्या ह्या  
 रूढात असतात. निरन्या प्रमतेचा ही विकास होते.  
 विद्यार्थी ज्या ठिकाणी सहलीला गेलेला असतो. तेथील संस्कृती  
 भौगोलिक घटकांचा तुलनात्मक अभ्यास करण्यास मदत  
 होते. भौगोलिक सहलीच्या माध्यमातून पर्यटन करून  
 आपण दुसऱ्या प्रदेशांचे निरन्या करू शकतो. निरन्यात  
 त्या प्रदेशातील भूरूपे, नद्या, वनस्पती, प्राणी, पिके तेथील  
 व्यवसाय लोकजीवन, वाहतूक, दळण-वळणाच्या सुविधा, खेडी-  
 बरे, धार्मिक व नैसर्गिक आदर्शाने नटलेल्या प्रदेशांचा  
 समावेश ज्ञानापर्यंत भूगोलाच्या अभ्यासकांनी संशोधन  
 करण्यासाठी पृथ्वीवरील निरन्या स्थळंमा भेटी देऊन  
 तेथील निरन्या नोंदविली आहेत. त्यामुळे भूगोल विषयाचा  
 विकास झालेला आहे. भूगोलाच्या विद्यार्थ्यांना पुढाच्या प्रदेशांचे  
 जवळून निरन्या करण्याची संधी अशा भौगोलिक/शैक्षणिक  
 सहलीमुळे झाली आहे.

भौगोलिक सहलीतून पुढाच्या प्रदेशातील पर्यावरण,  
 कृषी प्रकार, पिके पद्धती, व्यवसायाचे स्वरूप, सांस्कृतिक  
 जीवन, राहणीमान, न्यालीरिती, भाषा पोशाख, उत्पादीचे  
 जवळून निरन्या करता येते. निरन्यातून मिळविल्या  
 माहितीचा उपयोग शैक्षणिक सहलींचा भौगोलिक वृत्तांत तयार  
 करण्यासाठी केला जातो. तसेच काही माहिती आलेख.



पर्यटन स्थळ / भौगोलिक स्थळे :-

नीलकंठ धाम :-

पौर्णिचा भूमीवर स्थापन केलेल्या सुंदर बांधकामांपैकी नीलकंठ धाम हे एक मंदिर तयार करण्यात आलेले आहे. व हे मंदिर स्वामीनारायण यांना समर्पित आहे. हा धाम पवित्र नर्मदा नदीच्या किनाऱ्यावर बांधण्यात आलेला आहे. या धाममध्ये प्रदर्शनाचे क्षेत्र, पार्किंग क्षेत्र, फिझिक्स प्ले झोन, फूड कोर्ट झोन आणि बऱ्याच प्रकारचे झोन यादीसाठी तयार करण्यात आलेले आहे. हा धाम संध्याकाळी खुप पहाव्यासारखा असतो. तेथे सायंकाळी प्रकाश जो चे आयोजन असते, व विविध रंगीबिरंगी प्रकाश दिव्यांनी हा धाम पर्यटकांना आकर्षित करते. म्हणून या ठिकाणी पर्यटकांची संख्या खुप असते. तसेच या धाम मध्ये शांत व सुंदर असे धाम तयार करण्यात आले आहे. त्याठिकाणी आपल्या मनाला प्रसन्नता लागते. तसेच धाममधील प्रसाद खुपच मधुर मानला जातो. त्यामुळे तेथे प्रसादपुंड पुडींची सुविधा करण्यात आलेली आहे. व पर्यटक त्याचा अस्वाद घेतात. म्हणून हे ठिकाण पर्यटकांचे आकर्षण बनले आहे.

नकाशे आणि त्या आकृतीच्या सहाय्याने दाखवली जाते. अशा सधलीतुन आपणामु उघ्वाक्या प्रदेशातील विविध भौगोलिक माहीती उकत्रितपणे गोळा करण्याची अंधी प्राप्त होते. म्हणून भूगोलच्या अभ्यासात शैक्षणिक सहलिंबा विशेष महत्त्व प्राप्त झाले आहे.

वरील उद्देशांची जाणीव देहण/डेहण दिनांक फेब्रुवारी 2019 रोजी आमच्या भूगोल विभागाचे U.V.B.Sc (भूगोल विषय चेतलेले विद्यार्थी), U.V.B.A. (Geography special), T.V.B.A (Geography special) या वगातील सर्व विद्यार्थ्यांची भौगोलिक भेडल गुजरात राज्यातील निलकंठ धाम, कुबेर भंडार, भरदार भरोवर आणि स्टॅच्यु ऑफ युनिटी या शिकाणी आयोजित करण्यात आली.

\* शैक्षणिक सहलीचे प्रमुख उद्देश पुढील प्रमाणे :-

- i) पुढाक्या प्रदेशातील नैसर्गिक पर्यावरणाचे निरिक्षण करणे.
- ii) त्या प्रदेशात भू-रूपांची माहीती मिळविणे.
- iii) खडक, खडकांचे प्रकार यांची माहीती मिळविणे.
- iv) नद्या व समुद्र किनारे यांचा वैशिष्ट्यांचा अभ्यास करणे.
- v) त्या प्रदेशातील हवामान वैशिष्ट्यांचा अभ्यास करणे.
- vi) भौगोलिक घटकांचा माणवी जीवणावर होणाऱ्या परिणामांची नोंद घेणे.
- vii) लोकसंख्या, वस्त्या, श्र्मतेत्यांचे प्रकार, शिरे यांच्या वैशिष्ट्यांचा अभ्यास करणे.
- viii) शेती, मासेमारी, कारखानदारी, व्यापार इ. व्यवसायांचा तर्कसंगत अभ्यास.
- ix) ज्या प्रदेशात भ्र्ठमावणाऱ्या मानवनिर्मित समस्या जसे प्रदुषण, मृदेची धूप, वनभंडार, गलिच्छ वस्त्या व त्यांच्या दुष्परीणामांचा अभ्यास करणे.
- x) नैसर्गिक घटक व मानवी जीवन यांच्यातील परस्पर संबंधांचा अभ्यास करणे.

\* सहलीचा मार्ग :-

धुळे - नंदुबवार - देवमोगरा - निलकंठ धाम - कुबेर भंडार - भरदार भरोवर - स्टॅच्यु ऑफ युनिटी - धुळे.



\* ii] कुबेर भंडार :-

नर्मदा नदीच्या तीरावर वसलेले कणली गावात कुबेरेश्वर महादेवाचे प्रसिद्ध मंदीर आहे. या मंदीराचे वैशिष्ट्य म्हणजे पुणोडा तायुगो पासून या मंदीराची पूजा केली जाते. हे मंदीर लाखो भक्तांच्या विश्वासाचे केंद्र बनलेले आहे. त्रेतायुगात पुणोडा यांना भगवान कुबेर - कुबेरेश्वर महादेव यांचे खजिनदार म्हणून ओळखले जायचे म्हणून तेव्हापासून त्याची पूजा केली जाते. असे मानले जाते की, कुधी - कुधी भगवान कुबेर यांनी नर्मदेच्या तटावर तपस्या केली होती. तेव्हा त्यांना धनतेज्ये देवत संज्ञा प्राप्त झाली. आणी दर अमावस्येला त्या ठिकाणी मंदीराचा दरवाजा उघडला जातो व तेथे लाखो प्राचीन दृश्यासाठी जात असतात अमावस्येच्या रात्री मंदीर तसेच नदीचा तट हा ३६००० लाईटनी प्रकाशमय केला जातो. दिवाळीच्या वेळेस धनतेरस पासून चार पिवस मंदीर व नर्मदा नदीच्या तटावर कुबेरेश्वर आनंदोत्सव साजरा केला जातो म्हणून कुबेर भंडार हे वडोदरा जिल्ह्यातील पर्यटनाचे आकर्षण केंद्र बनले आहे.

सरदार सरोवर :- सरदार सरोवर हे ठिकाण धुळे शहरापासून १५०km अंतरावर आहे. सरदार सरोवर हे धरण नर्मदा नदीवर बांधल्यात आलेले आहे. नर्मदा नदी ही विध्य व सातपुडा पर्वताच्या खचरीतून वाहते. नर्मदा नदीचा उगम अमरकंटक येथे झाला. सरदार सरोवर हे भारतातील दुसऱ्या क्रमांकाचे धरण आहे.

मध्यप्रदेशात नर्मदा नदीचा उगम अमरकंटक येथे झाला नर्मदा नदी ही गुजरात, मध्यप्रदेशातून वाहते. या धरणाची लांबी 1210m आहे. व त्याची उंची 146.50cm होती. त्यात वाढ करून 163m करण्यात आली. या धरणाने Back Water हे 140km पर्यंत देण्यात आले. व तसेच हा बांध नुरला तर तीन राज्यातील - मध्यप्रदेश, महाराष्ट्र आणि गुजरात. राज्यातील 19 गावे ही पाण्याच्या बुडतील असे घटित धरण्यात आले आहे.

या धरणाच्या पाण्यातून वीज निर्मिती शक्य झाली आहे. येथून निर्माण होणारी वीज तिन्ही राज्यातील 100 गावांना वीज पुरवली जाते. या धरणाची वीज निर्मितीची क्षमता १200 मेगावॉट इतकी आहे. व त्यात अजून वाढ करण्यात येणार आहे. व वीजेचा तुटवा भागवला जाणार आहे. या धरणामुळे १४००००० हेक्टर क्षेत्र ओलीतखाली आले आहे व जलसिंचनाच्या सुविधा उपलब्ध झाल्या आहे.

या धरणाने बांधकाम हे इंजिनिअर भाई काका धांधी बजावली असुन, या धरणाने बांधकामाच्या संकल्पना 1965 पासून सुरू झाली होती. परंतु राजकीय, सामाजिक प्रश्नांमुळे या धरणाने काम पूर्ण होण्यास अडथळा आला व गुजरात राज्यात अनेक आंदोलनांद्वारे विरोध ही झाला परंतु सर्वान्य न्यायालयाच्या निर्णयाने या धरणाने बांधकामासाठी अडथळा दूर होऊन गुजरात राज्याचे मुख्यमंत्री नरेंद्र मोदी यांच्या कालखंडात या धरणाने काम पूर्ण आले. व हे ~~धरण~~ त्याच्या हस्ते देशाला अर्पण करण्यात आले. व धरणाने आजुबाजूच्या परिसरात राहणाऱ्या लोकांच्या पुनर्वसनाने प्रश्नही सोडविण्यात आला.



धरणाच्या आजूबाजूचा परिसर हा अत्यंत निस्संश्लेष असून तेथे पर्यटनांचा विकास करण्यात आला, म्हणून हे पर्यटकांचे आकर्षण बिंदू ठेऊ लागले. व या ठिकाणी मोठ्या प्रमाणात पर्यटक हे धरण बघण्यासाठी या धरणाला भेट देतात. व हे स्थळ गुजरात राज्यातील वडोदरा जिल्ह्यातील आकर्षक पर्यटन केंद्र बनलेले आहे.

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स्टॅचू ऑफ युनिटी :- 'स्टॅचू ऑफ युनिटी' हे स्वतंत्र भारताने प्रतिक म्हणून ओळखले जाते. भारतीय राजकारणी आणि स्वतंत्र कार्यकर्ता म्हणून ओळखले जाणारे सर्व सरदार वल्लभभाई पटेल (1875 ते 1950) हे स्वतंत्र्य भारताने पहिले मूहमंत्री होते. व अहिसंकु भारतीय स्वतंत्र्य चळवळीच्या काळात ते महात्मा गांधी यांचे मुख्य अनुयायी म्हणून ओळखले जायचे. त्यांनी भारतातील 562 संस्थाना एकत्र आणण्याचे काम केले व त्याबद्दल त्यांना सन्मानित करण्यात आले. म्हणून त्यांना स्वतंत्र्य कार्यकर्ता ही ओळख निर्माण झाली. त्यांच्या या कामगिरीला समर्पित गुजरात राज्याचे मुख्यमंत्री व भाताचे पंतप्रधान नरेंद्र मोदी यांनी सरदार वल्लभभाई पटेल यांच्या स्मरणार्थ त्यांची स्टॅचू उभारण्याचे ठरविले. व 4 ऑक्टोबर 2010 रोजी सरदार पटेल यांच्या स्मरणोत्सव साजरा करण्यात आला. त्यात 'गुजरात राष्ट्रला अर्पित' असा प्रोजेक्ट स्थापन करून, स्वतंत्र्य भारताने प्रतिक 'स्टॅचू ऑफ युनिटी' - सरदार पटेल या प्रोजेक्टचा शिलान्यास करण्यात आला.

या प्रकल्पाची 2010 मध्ये घोषणा झाल्या नंतर त्याचे टेंडर काढून ते 2013 मध्ये लार्सन अँड टुब्रो या कंपनीला मिळाले. व हा प्रोजेक्ट 2989 कोटी रूपयात करार बद्ध झाला. आणि पुतळ्याची निर्मिती सुरू करण्यात आली.

या पुतळ्याच्या निर्मितीचे डिजायनर (शिल्पकार) म्हणून भारताने प्रसिद्ध मूर्तिकार राम. व्ही. सुतार यांची निवड करण्यात आली होती. व त्यांनी यशस्वीपणे ही कामगिरी पार पाडली.

या पुतळ्याची उंची 982 मी. असून त्याचा पाया 58 मी. आहे. व हा पुतळा सरदार सरोवराच्या जवळच नर्मदा नदीच्या बेटावर बांधण्यात आलेला आहे. त्या ठिकाणी केवेलिया गाव स्थित आहे. हा पुतळा वडोदरा शहराच्या 900 km

अंतरावर आहे. व या फुलव्यांचे उद्घाटन सरदार पटेलान्या  
143 व्या वधापनदिनी 30 ऑक्टोबर 2018 रोजी भारताचे पंतप्रधान  
नरेंद्र मोदी यांनी त्यांच्या हस्ते केले. व हा फुलवा जगातील  
सर्वात उच्च फुलवा आहे, म्हणून ओळखला जातो. या फुलवाच्या  
परिसरात बॉटॅनिकल गार्डन तसेच निसर्गशिष्य परिसर तयार  
करव्यात आला आहे. तसेच संध्याकाळी फुलव्यावरती लेजर  
प्रकाश शोच्य आयोजन करव्यात येते. त्यामुळे हा फुलवा  
पर्यटकांसाठी एक आकर्षक बिंदू ठरलेला आहे. म्हणून या  
दिवसेदिवस पर्यटकांची संख्या वाढतच आहे व पर्यटनाचा  
विकास अपायाने होत आहे.





**Educational Tour : Jejuri, Pratibalaji, Khadakvasala dam, Lavasa Shirdi etc (2018-19)**

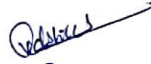
**Zulal Bhilajirao Patil College, Dhule**

**Department of Mathematics**

**Educational Trip**

**2018-19**


The Department organized one day educational trip on 21th Jan 2019 at Jejuri, Pratibalaji, Khadakvas dam, Lavasa City, Shirdi. 12 Girls and 08 boys and 5 staff members were present for the trip.

  
**Head**  
Department of Mathematics  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Nanasahab  
Z.B.Patil Marg, Deopur,  
Dhule - 424 002.

**Educational Tour : Statue of Unity, Poicha, Ahemedabad (2019-20)**

**2019-20**

The Department of Mathematics has organised Educational Tour on 21<sup>st</sup> Jan to 22<sup>nd</sup> Jan 2020 to visit Statue of Unity, Poicha and various places in Ahmedabad (Akshardham Temple , Kankariya lake , Gujarat Science City , Zulata Minar). Total 47 students and 4 teachers were participated in the trip.

  
**Head**  
Department of Mathematics  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Nanasahab  
Z.B.Patil Marg, Deopur,  
Dhule - 424 002.

**Educational Tour : Udaypur, Jaipur, Jaisalmer, Indo-Pak border (Tanot)**  
**(2022-23)**

**Zulal Bhilajirao Patil College, Dhule**

**Department of Mathematics**

**Educational Trip**

**2022-23**

An Educational Tour to Rajasthan (Jaipur, Udaypur, Jaisalmer, Indo-Pak border(tanot)) was organized from 5<sup>th</sup> Feb to 11<sup>th</sup> Feb 2023 for second and third-years students from various science departments of the college. Total 90 students and 9 teachers were participated in the trip.



**Head**  
Department of Mathematics  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Nanasaheb  
Z.B.Patil Marg, Deopur,  
Dhule - 424 002.



जयहिंद शैक्षणिक ट्रस्ट संचलित

# झुलाल भिलाजीराव पाटील महाविद्यालय

"A College with Potential for Excellence"

शिक्षण महर्षि झेड. बी. पाटील (वाडीभोकर) रोड, देवपूर, धुळे. ४२४००२ (म.रा.), भारत

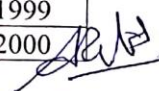
Web site : [www.jaihindcollege.ac.in](http://www.jaihindcollege.ac.in) Ph. off. +91-02562-222343 Resi. : + 91-2562-273343  
Fax : +91-2562-220678 E-mail : [jaihind@jaihindcollege.ac.in](mailto:jaihind@jaihindcollege.ac.in)

Date: 19/01/2020

Department of Mathematics of our college has organised Educational Study Tour on 21<sup>st</sup> Jan to 22<sup>nd</sup> Jan 2020 visit Statue of Unity, Poicha and various places in Ahmedabad (Akshardham Temple , Kankariya lake , Gujarat Science City , Zulata Minar,)

List of following students & 4 teachers in Mathematics Department. participating in the trip.

Sr. No.	Name	Mobile No.	Date of Birth
1	Nerkar Shweta Vijay	9766545801	29-09-1999
2	Borase Deepalee Sunildatta	9403425959	20-11-1999
3	Patil Tanuja Sanjay	9607835125	30-10-1999
4	Chaudhari Abhijit Arvind	8766988437	11-09-1998
5	Shinde Sayali Vijay	7588733629	27-05-2000
6	Saindane Nikita Sambhaji	9588488725	31-08-1998
7	Patil Priyanka Jagdish	7391036080	18-04-2000
8	Rokade Takshak Shashikant	9834082375	12-10-1999
9	Wagh Kiran Krushnadas	9527618404	25-11-1999
10	Padvi Kuwarsing Ramaji	9420092882	15-06-1997
11	Chavan Pankaj Shalikrao	9766996170	5-04-1999
12	Sangale Rohini Anil	7709165193	04-04-1999
13	Patil Jayshri Gulab	8080127122	04-06-1999
14	Dingar Monali Vijay	9096202925	20-12-1999
15	Patil Smita Vinayakrao	9158192935	02-04-2000
16	Patil Bhavna Gopal	8856991761	19-04-1999
17	Patil Aakanksha Jijabrao	9422239407	31-10-1999
18	Thakare Himanshi Sunil	9607280074	26-11-1999
19	Patil Dipika Kailas	9325148244	17-03-1999
20	Suryawanshi Rina Rajendra	7666702103	26-11-1998
21	Pawba Gajendra Dhangar	9764700533	26-08-1999
22	Patil Nutan Pravin	9359939109	14-10-1999
23	Shelake Poonam Navnath	9049805199	24-05-1999
24	Virkar Puja Kailas	8855008798	08-07-2000

  
Head  
Department of Mathematics  
Zulal Bhilajirao Patil Colleg  
Shikshanmaharshi Nanasaheb  
Z.B.Patil Marg, Deopur,



25	Torawane Vaishali Sahaji	9923781287	8-04-2000
26	Mali Priti Kishor	8390288074	01-10-2000
27	Yadav Bina Durgesh	9834110484	30-09-1999
28	Patil Manisha Bhura	8390842071	16-01-1998
29	Borse Renuka Ashok	9834421848	10-07-1999
30	Pawar Pooja Bhaskar	7887526049	23-12-1998
31	Patil Nilam Mahendra	9421798303	17-09-1999
32	Chaudhari Deepali Sopan	9403858612	07-06-2000
33	Khairnar Pratiksha Ashok	8485055750	31-12-1999
34	Khairnar Yogeshri Sanjay	9579888056	18-12-1998
35	Patil Chetan Kiran	7030200166	03-05-2000
36	Wagh Bhagyada Subhash	9403655205	23-01-2001
37	Koli Ankita Kailas	9422855682	15-07-2000
38	Patel Chaitali Prakash	9552685434	19-03-1999
39	Khairnar Krushnai Chandrakant	8956312188	18-11-2000
40	Nikumbhe Kalpesh Sanjay	7769991897	08-01-2001
41	Potadar Shweta Krishna	8208074488	24-11-2000
42	Patil Komal Suresh	9021189337	23-12-1999
43	Mahajan Krutika Sunil	9881320048	02-04-2001
44	More Mansi Prakash	9970037229	10-02-2001
45	Mali Jayshri Danraj	8080207375	29-06-2001
46	Patil Pradnya Arvind	8669943814	25-10-2000
47	Patil Pradnya Abhimanyu	9579511553	10-08-2000

- Teachers :- :-**
1. Dr. Avinash A. Patil ( 9518390821)
  2. Prof. Ravindra P.Mahale ( 8208275209 )
  3. Prof. Pratik N.Thakur ( 7972176802 )
  4. Prof. Vedashree V.More (7038785914)



**Head**

Department of Mathematics  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Nanasahab  
Z.B.Patil Marg, Deopur,  
Dhule - 424 002.

JET's Zulal Bhilajirao Patil College, Dhule

03/02/2023

Educational Tour 05 to 11 Feb 2023 Travel -1

Sr.No.	Name	M/F	Mobile No	Class
1	Wagh Mansi Pravin	F	9823052511	S.Y.
2	Patil Jagruti Rajendra	F	9529108440	S.Y.
3	Patil Nilima Dipak	F	8468835657	S.Y.
4	Patil Tanaya Rajendra	F	8446285681	S.Y.
5	Patil Ruchita Rajesh	F	8857831021	S.Y.
6	Salunkhe Nandini Devidas	F	9579970871	S.Y.
7	Songire Shruti Radheshyam	F	8329559619	S.Y.
8	Deore Akansha Aaba	F	7767817826	S.Y.
9	Sudke Janhavi Sachin	F	8830435970	S.Y.
10	Sonawane Bhoomika Manoj	F	8767202054	S.Y.
11	Kadam Astha Dilip	F	7410163631	S.Y.
12	Sonawane Poonam Rajesh	F	8767424506	S.Y.
13	Ahirrao Purva Sunil	F	8080523564	S.Y.
14	Deore Chaitali Vinayak	F	7058374491	S.Y.
15	Patil Ashiwini Bhura	F	8010874949	T.Y.
16	Patil Kranti Pravin	F	7507917592	T.Y.
17	Khatik Fiza Gulab	F	7798565540	T.Y.
18	Patil Anjali Amrut	F	8983971543	T.Y.
19	Shinde Aditi Anand	F	7755939439	T.Y.
20	Pawar Uma Gurudas	F	9096466974	T.Y.
21	Wankhede Harshada Manohar	F	9699349586	S.Y.
22	Chaudhari Yamini Anil	F	9823046191	S.Y.
23	Deore Jayashri Shivaji	F	7218936462	T.Y.
24	Gurav Dimpal Sanjay	F	9579151672	F.Y.
25	Chavhan Darshan Hanumant	M	7058139325	S.Y.
26	Sonawane Ankit Adhikar	M	8262936164	S.Y.
27	Patil Pramod Dinesh	M	9322512423	S.Y.
28	Rajput Manish Jitendra	M	9823791405	S.Y.
29	Patil Jayesh Kishor	M	7028947977	S.Y.
30	Nikumbe Rohan Anil	M	9657336203	S.Y.
31	Surywanshi Mahesh Bhagwan	M	9579300681	S.Y.
32	Marathe Rohan Kailas	M	9405536367	S.Y.
33	Gharte Ganesh Anil	M	7822835991	S.Y.
34	Bhosale Yashodip Dnyaneshwar	M	9096348100	S.Y.
35	Patil Naresh Bharat	M	9328636443	S.Y.
36	Patil Parth Suresh	M	9106009095	S.Y.
37	Shinde Harish Ananda	M	7058157189	S.Y.
38	Surywanshi Swapnil Bhalchandra	M	8999821621	S.Y.
39	Patil Ashutosh Rajendra	M	8483008555	S.Y.
40	Kandekar Darshan Bapu	M	9404085603	S.Y.
41	Shirsath Sachin Naval	M	8080927608	S.Y.
42	Patil Vaibhav Shaligram	M	8767404792	S.Y.

Teacher:

1	Dr. Patil Avinash Adhar	M	9518390821	Math
2	Mahale Ravindra Prakash	M	8208275209	Math
3	More Vedashre Vishwasrao	F	7038785914	Math
4	Patil Mansi Nilesh	F	9284406268	Phy

**Head**  
Department of Mathematics  
Zulal Bhilajirao Patil College  
Shikshanmaharshi Nanasaheb  
Z.B.Patil Marg, Deopur,  
Dhule - 424 002.



03/02/2023

## JET's Zulal Bhilajirao Patil College, Dhule

## Educational Tour 05 to 11 Feb 2023 Travel -2

No.	Name	M/F	Mobile No	Class
1	Nagrle Rohini Vijay	F	7820912860	S.Y.
2	Salunkhe Rohi Shivaji	F	9579005141	S.Y.
3	Kulkarni Manjiri Prashant	F	7448075497	S.Y.
4	Wadi Priyanka Pravin	F	7499748115	S.Y.
5	Khalane Pratiksha Ramkrushna	F	7588927779	S.Y.
6	Indapure Ruchita Rajesh	F	9284295745	S.Y.
7	Valvi Radhika Rajendra	F	7038002507	S.Y.
8	Saidane Anushka Rajesh	F	9503510273	S.Y.
9	Patil Aakansha Madhukar	F	9112061153	S.Y.
10	Borse Krushnali Prakash	F	9923126705	S.Y.
11	Desale Devashri rahul	F	8329735590	S.Y.
12	Chavhan Nikita Ganesh	F	7028357937	S.Y.
13	Deore Madhuri Vikas	F	7028569763	S.Y.
14	Patil Priyanka Chaitram	F	9370161288	S.Y.
15	Saraf Prajakta Vishal	F	7744990802	F.Y.
16	More Diksha Subhash	F	8788834336	F.Y.
17	Brahme Bhumika Rajesh	F	7249060310	S.Y.
18	Jaiswal Anchal Shyamsundar	F	9429111335	F.Y.
19	Badgujar Pranjali Rushikesh	F	8956560997	F.Y.
20	Bagul Hemangi Manohar	F	8485070404	F.Y.
21	Kadam Rohini Bhaidas	F	7498069957	F.Y.
22	Patil Nikita Yogesh	F	755836822	F.Y.
23	Badgujar Sayali Nandu	F	7420899707	F.Y.
24	Patil Krutika Adhikar	F	9067828962	F.Y.
25	Palodkar Nisha Unmesh	F	7720900777	T.Y.
26	Adde Esha Yuvraj	F	7262082919	T.Y.
27	Chaudhari Trupti Kishor	F	9922496217	S.Y.
28	Patil Rupesh Bhalerao	M	7249676670	F.Y.
29	Gangurde Ayush Madhukar	M	7350720767	F.Y.
30	Pawara Abhijit Apsing	M	7758986136	S.Y.
31	Pawara Vikas Sunil	M	7038258236	S.Y.
32	Pawara Usharsing Rumala	M	7499716329	S.Y.
33	Bagul Piyush Kishor	M	9325521031	F.Y.
34	Chaudhari Pranav Niranjana	M	7499997809	F.Y.
35	Surywanshi Kalpesh Dnyaneshwar	M	9518352772	S.Y.
36	Khandre Pavan Nitin	M	9373654502	F.Y.
37	Marathe Chirag Vilas	M	9359892380	F.Y.
38	Relan Tushar Jagdish	M	7887770781	F.Y.
39	Borase Jayesh Satish	M	9322042575	F.Y.
40	Gujar Harshal Suhanand	M	9322812401	S.Y.
41	Badgujar Om Jagdish	M	9175909657	S.Y.
42	Patil Rohit Bhaskar	M	6354808352	S.Y.
43	Deore Hitesh Girish	M	7057166084	S.Y.

## Teacher:

1	Gavale Harshal Sahebrao	M	9423941675	Phy
2	Salunkhe Sohan Narayan	M	9370034010	Geol
3	Punjabi Alka	F	9404188525	CS
4	Kumbhar Dipali	F	7028262689	CS

Department of Mathematic  
Zulal Bhilajirao Patil Colle  
Shikshanmaharshi Nanasah  
Z.B. Patil Marg, Deopur,



## **Field Survey**

<b>S.N.</b>	<b>Name of the Place</b>	<b>Department</b>	<b>Date</b>
1	T.Y.B.Sc. Tour Report GEOL- 609 Batch	Geology	2022-2023
2	Rural Village Survey (Lamkani Dist. Dhule)	Geography	2023

**Field Survey: T.Y.B.Sc. Tour Report GEOL- 609 Batch (2022-23)**

Jaihind Educational Trust's

**ZULAL BHILAJIRAO PATIL COLLEGE, DHULE**



**A REPORT ON**

**Vertical Electrical Sounding Survey Using Wenner  
and Schlumberger Methods.**

Submitted for the degree course of

**BACHELOR OF SCIENCE IN GEOLOGY**

Under the Guidance of

Ms. Arati Baride

(Head of the Department)

Dr. S. P. Gaikwad

(Assistant Professor)

Mr. S. N. Salunkhe

(Assistant Professor)

Dr. J. B. Patil

(Assistant Professor)

*Sem-VI  
TY 2022-23*

**DEPARTMENT OF GEOLOGY,  
ZULAL BHILAJIRAO PATIL COLLEGE,  
DHULE (2022-2023)**

**CERTIFICATE**

This is to certify that all students of T.Y.B.Sc have satisfactorily completed Geological field tour at Borvihir, Taluka Dhule, District Dhule for Vertical Electrical Sounding Survey using Wenner and Schlumberger methods and written complete report as a part fulfillment of syllabus of T.Y.B.Sc. for the course GEOL 609: Practical related to GEOL 603, GEOL 604 and Field Geology (Mineral and Fuel Resources and Geomorphology, Geotechnics and Field Geology) in the academic year 2022-2023.

Head  
Department of Geology  
Zulal Bhilajirao Patil College,  
**Ms. Arati Baride**  
Nanasaheb Z.B. Patil Marg  
Deonur, DHULE-424 002

**Mr. S.N. Salunkhe**  
03/04/2023

**Dr. S.P. Gaikwad**  
03/04/2023

**Dr. J.B. Patil**  
03/04/2023

**External Examiner**



**DEPARTMENT OF GEOLOGY,  
ZULAL BHILAJIRAO PATIL COLLEGE,  
DHULE (2022-2023)**

**CERTIFICATE**

This is to certify that all students of T.Y.B.Sc have satisfactorily completed Geological field tour at Borvihir, Taluka Dhule, District Dhule for Vertical Electrical Sounding Survey using Wenner and Schlumberger methods and written complete report as a part fulfillment of syllabus of T.Y.B.Sc. for the course GEOL 609: Practical related to GEOL 603, GEOL 604 and Field Geology (Mineral and Fuel Resources and Geomorphology, Geotechnics and Field Geology) in the academic year 2022-2023.

Head  
Department of Geology  
Zulal Bhilajirao Patil College,  
**Ms. Arati Baride**

Nanasaheb Z.B. Patil Marg  
Deonur, DHULE-424 002

**Mr. S.N. Salunkhe**

**Dr. S.P. Gaikwad**

**Dr. J.B. Patil**

**External Examiner**

# Department of Geology

## Zulal Bhilajirao Patil College, Dhule

T.Y.B.Sc. Field Attendance Record

23/01/2023

Vertical Electrical Sounding Survey Using Wenner and  
Schlumberger Methods

Sr. No.	Name of the Student	Signature
1	Isha Yuvraj Aade	<del>Isha</del> I was absent
2	Shraddha Bhaskar Bhadane	Bhadane
3	Khushi Anil Chaudhari	Khushi
4	Bhavesch Rajesh Marathe	Bhavesch
5	Tejshri Rakesh More	<del>Tejshri</del> I was absent
6	Sanjana Dattatray Neel	<del>Sanjana</del> I was absent
7	Nisha Unmesh Palodkar	Palodkar
8	Aditi Rajesh Patil	Patil
9	Harshala Kishor Patil	Patil
10	Pooja Murlidhar Patil	Patil
11	Nikita Banshbahal Yadav	I was absent

Ms. Arati Baride

Dr. S.P. Gaikwad

Dr. J.B. Patil

Mr. S.N. Salunkhe

External Examiner

**Field Survey: Rural Village Survey (Lamkani Dist. Dhule) (2020)**

Seat.No- 148785

जयहिंद शैक्षणिक संस्था  
झुलाल भिलाजीराव पाटील महाविद्यालय, देवपूर धुळे

विभाग

भूगोल

ग्रामीण सर्वे अहवाल  
(लामकनी गाव)

सादर केले

कवियत्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ, जळगाव

FOR

तृतीय वर्ष प्रात्यक्षिक भूगोल परीक्षा-2023



### प्रस्तावना :-

हे सर्वेक्षण भारतातील महाराष्ट्रातील धुळे जिल्ह्यातील लामकानी गावाच्या यशोगाथेवर केंद्रित आहे. हे गाव गवताळ प्रदेशासाठी ओळखले जात होते आणि चान्याने समृद्ध होते, परंतु 1970 आणि 1990 च्या दशकातील दुष्काळामुळे हे गाव नापीक झाले. तथापि, गावाने पाणलोट व्यवस्थापन आणि 'चरई बंधी' आणि 'कुन्हाड बंधी' या पारंपारिक पद्धतींद्वारे गवताळ प्रदेश पुनर्संचयित केला, ज्यामुळे 400 हेक्टर हून अधिक गवताळ प्रदेश पुनर्संचयित झाला आहे. गावाची यशोगाथा आणि गवताळ प्रदेश पुनर्संचयित केल्यामुळे मिळालेले आर्थिक फायदे या पेपरमध्ये प्रकाश टाकण्यात आला आहे, ज्यामुळे पाण्याची पुरेशी वाढ झाली आणि त्रासदायक स्थलांतर कमी झाले. गवताळ प्रदेशांची जीर्णोद्धार आणि संवर्धन करण्यासाठी गावकऱ्यांनी घेतलेल्या दृष्टिकोनावर आणि तत्सम आव्हानांना तोंड देत असलेल्या इतर भागात त्याची पुनरावृत्ती कशी करता येईल यावरही या पेपरमध्ये प्रकाश टाकण्यात आला आहे.

### ध्येय आणि उद्दिष्ट -

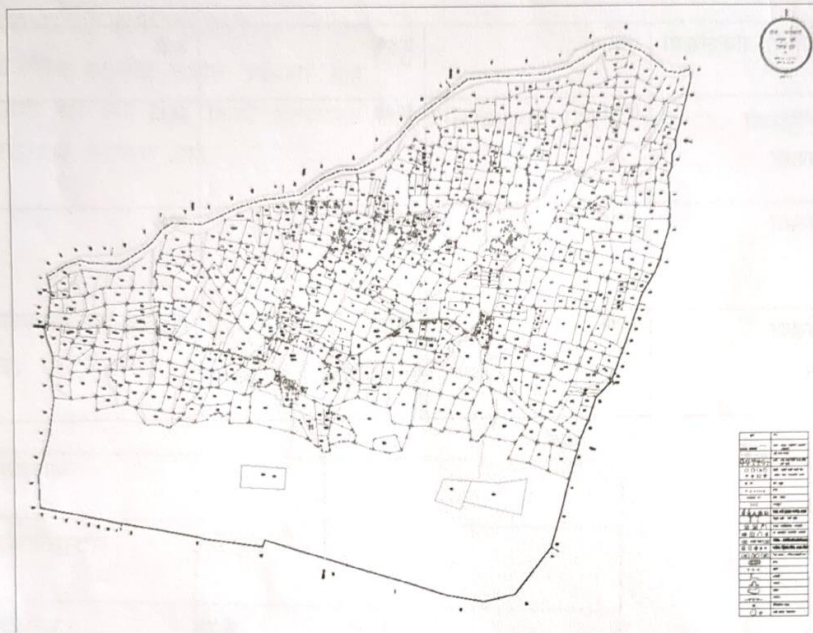
नापीक जमिनीवर पाण्याचा पाया बांधून ते वापरात आणणे आणि लामकानी गावाला पाण्याच्या समस्या सोडवणे हा यामागचा उद्देश होता.

### गावाचा अभ्यास :-

२०११ च्या जनगणनेनुसार लामकानी गावाचा स्थान कोड किंवा गाव कोड ५२६४६५ आहे. लामकानी हे गाव महाराष्ट्र राज्यातील धुळे जिल्ह्यातील धुळे तालुक्यात आहे. हे उपजिल्हा मुख्यालय धुळे (तहसीलदार कार्यालय) पासून 42 किमी अंतरावर आणि धुळे जिल्हा मुख्यालयापासून 42 किमी अंतरावर आहे. 2009 च्या आकडेवारीनुसार, लामकानी गाव देखील ग्रामपंचायत आहे.

गावाचे एकूण क्षेत्रफळ २५२९.४२ हेक्टर आहे. लामकानीची एकूण लोकसंख्या 6,981 लोकसंख्या आहे, त्यापैकी पुरुषांची लोकसंख्या 3,649 आहे तर महिलांची लोकसंख्या 3,332 आहे. लमकणी गावाचा साक्षरता दर ६७.०८% असून त्यापैकी ७२.१८% पुरुष आणि ६१.४९% महिला साक्षर आहेत. लमकणी गावात सुमारे 1,399 घरे आहेत. धुळे हे सर्व प्रमुख आर्थिक क्रियाकलापांसाठी लमकणीपासून सर्वात जवळचे शहर आहे, जे अंदाजे 42 किमी अंतरावर आहे. गावाचे एकूण क्षेत्रफळ २५२९.४२ हेक्टर आहे. लामकानीची एकूण लोकसंख्या 6,981 लोकसंख्या आहे, त्यापैकी पुरुषांची लोकसंख्या 3,649 आहे तर महिलांची लोकसंख्या 3,332 आहे. लमकणी गावाचा साक्षरता दर ६७.०८% असून त्यापैकी ७२.१८% पुरुष आणि ६१.४९% महिला साक्षर आहेत. लमकणी गावात सुमारे 1,399 घरे आहेत. धुळे हे सर्व प्रमुख आर्थिक क्रियाकलापांसाठी लमकणीपासून सर्वात जवळचे शहर आहे, जे अंदाजे 42 किमी अंतरावर आहे.

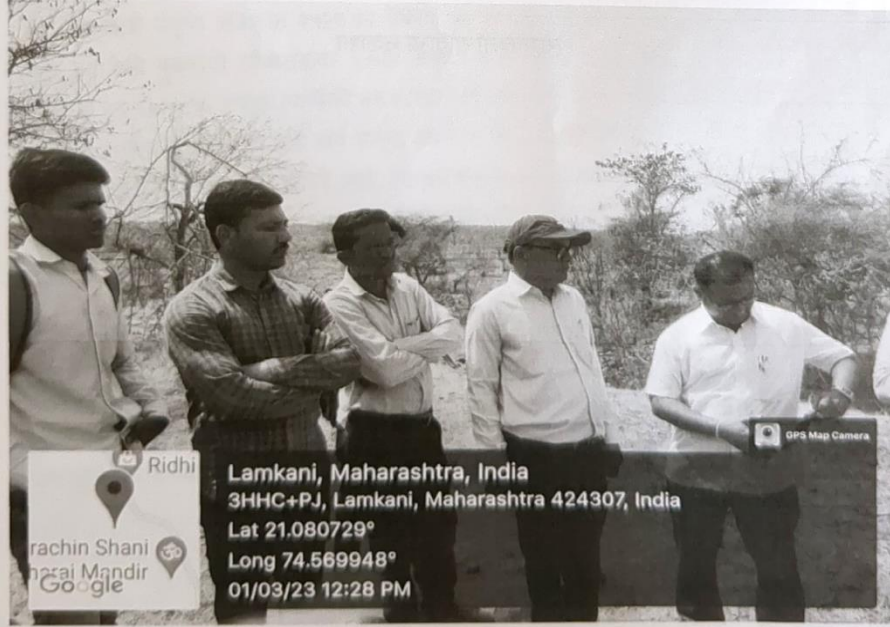
गवताळ प्रदेश पुनर्संचयित करण्यात लामकानीस यश रोटेशनल चरईद्वारे प्राप्त झाले, म्हणजे दरवर्षी गवताळ प्रदेशाचा 50 हेक्टर पॅच एका वेळी संरक्षित केला जाईल, त्या पॅचवर चरायला परवानगी न देता, ज्यामुळे गवतांच्या चवदार प्रजाती पुन्हा निर्माण होऊ शकल्या.



लामकानी गावाचा नकाशा

लामकानी गावाचा, लोकसंख्या, साक्षर, निरक्षर :-

लामकणीची लोकसंख्या	एकूण	पुरुष	स्त्री
एकूण लोकसंख्या	6981	3649	3332
लोकसंख्या साक्षर	4663	2634	2049
लोकसंख्या निरक्षर	2298	1015	1283





लामकानीची कनेक्टिव्हिटी :-

सार्वजनिक बससेवा गावात उपलब्ध आहे

खाजगी बस सेवा 10+ किमी अंतराच्या आत उपलब्ध आहे.रेल्वे स्टेशन 10+ किमी अंतरामध्ये उपलब्ध आहे

लामकानी जवळची गावे :-

बेहेड, रामी, बोरिस, बांबुर्ले, प्रनेर, वडणे, बुरझाड

लामकानी	
ग्रामपंचायत:	लामकानी
तहसील:	धुळे
जिल्हा:	धुळे
राज्य:	महाराष्ट्र
पिन कोड:	424307
क्षेत्र:	2529.42 हेक्टर
लोकसंख्या घरांची	6,981
एकूण संख्या	
घरे:	1,399
जवळचे शहर:	धुळे (42) किमी
साक्षरतेचे प्रमाण	67.08%

वस्ती प्रारूप, लोकसंख्या लामकानी गावाची आकडेवारी :-

विशेष	एकूण	पुरुष	स्त्री
घरांची एकूण संख्या	1399	--	--
घरांची एकूण संख्या	6981	4649	3332
मूल(०-६)	857	480	377
अनुसूचित जाती	380	191	189
अनुसूचित जमाती	1171	645	526
साक्षरता	76.47%	83.12%	69.34%
एकूण कामगार	3268	1988	1280
मुख्य कामगार	3088	--	--
किरकोळ कामगार	180	107	73

### दुष्काळाची लवचिकता आणि आर्थिक लाभ :-

नेवाडकरांनी पाणलोट विकास आणि गवताळ संवर्धन प्रकल्प सुरू केल्यापासून चार-पाच पावसाच्या चक्रानंतर, लामकानी पूर्णपणे टॅकरवर अवलंबून राहण्यापासून ते पाण्यावर अवलंबून होते-दुष्काळाच्या काळातही पुरेसे होते. विहिरींमध्ये 10-15 फूट पाणी होते. दुष्काळी प्रदेशात असूनही पाणी टंचाईची समस्या नाही. पुनर्संचयित गवताळ प्रदेशामुळे लामकानी पावसाच्या बदलत्या पद्धतीचा सामना करण्यास कशी मदत झाली हे देखील नेवाडकर यांनी सांगितले. पूर्वी, पावसाचे प्रमाण जास्त नव्हते, परंतु जास्त काळ पाऊस पडेल. आता पावसाची तीव्रता इतकी वाढली आहे की, जोरदार पाऊस पडतो. मातीची भरपूर धूप आणि पाणी जमिनीत झिरपण्यास वेळ न देणे. परंतु गवत मातीला स्पॅन्जी बनवते, ज्यामुळे आम्हाला मातीची वाहणे कमी करण्यास मदत होते आणि सर्व पावसाचे पाणी येथेच लामकानीमध्ये साठवले जाते.

पहिल्या दहा वर्षात, त्रासदायक स्थलांतर लक्षणीयरीत्या कमी झाले, कारण प्रत्येकाला सिंचनासाठी पाणी

उपलब्ध होते, कांदे, कापूस, गहू, बाजरी, ज्वारी आणि फळे येथे पिकतात, काही शेतकरी तिसरे पीक घेण्यास सुरुवात करतात. लामकानी येथील सुरुवातीच्या पाणलोट व्यवस्थापन महाराष्ट्र रोजगार हमी योजना आणि नंतर नरेगाचा वापर करून गावकऱ्यांसाठी रोजगार निर्मिती केली. नंतर, वॉटरशेड ऑर्गनायझेशन ट्रस्ट (WOTR) ने गावाच्या संयुक्त वन व्यवस्थापन समितीला पाणलोट विकासासाठी रु. 15 लाख दान केले, ज्यामध्ये लामकानी ग्रामस्थांनी CCT खोदकाम प्रकल्प सुरू करण्यासाठी रु. 65000 जोडले. लामकानी यांनी 2018 आणि 2019 मध्ये पाणी फाउंडेशनच्या वॉटर कपमध्ये देखील भाग घेतला होता. गवताळ प्रदेश ऐतिहासिकदृष्ट्या जंगलातील आगीशी संबंधित आहे आणि लामकानीमध्ये देखील, जंगलात आग ही एक असामान्य घटना आहे. लामकानी येथील तरुणांनी एक व्हॉट्सअप ग्रुप तयार केला असून त्यामध्ये जंगलातील आगीच्या बातम्या शेअर केल्या जातात आणि आग आटोक्यात आणण्यासाठी मदतीची व्यवस्था केली जाते.

"आव्हाने असूनही, समुदाय-संरक्षित गवताळ प्रदेशांमध्ये यशाचा दर खूप जास्त आहे कारण या प्रकरणांमध्ये पर्यावरण संरक्षण लोकांच्या उपजीविकेशी जोडलेले आहे.





**निष्कर्ष :-**

सादर केलेल्या डेटा आणि माहितीवरून असे सूचित होते की महाराष्ट्रातील धुळे जिल्ह्यातील लामकानी या गावाने पाणलोट व्यवस्थापन आणि पारंपारिक संवर्धन पद्धतींद्वारे यशस्वीरित्या गवताळ प्रदेश पुनर्संचयित केला आहे. यामुळे दुष्काळी वर्षातही गाव टंचाई प्रतिरोधक आणि पाणीपुरते होण्यास मदत झाली आहे. पुनर्संचयित केलेल्या गवताळ प्रदेशांमुळे गावाला पावसाच्या बदलत्या पद्धती आणि मातीची धूप कमी होण्यास मदत झाली आहे. या प्रकल्पाचे आर्थिक फायदे लक्षणीय ठरले आहेत, त्रासदायक स्थलांतर लक्षणीयरीत्या कमी झाले आहे आणि गावकरी विविध पिके घेत आहेत. प्रकल्पाच्या यशाचे श्रेय समाजाच्या सक्रिय सहभागाला आणि पारंपारिक संवर्धन पद्धतींचा अवलंब करणे हे आहे. एकंदरीत, लामकानीचे यश हे एक उत्कृष्ट उदाहरण देते की पर्यावरणाचे संवर्धन करण्यासाठी आणि आर्थिक लाभ मिळवण्यासाठी समुदाय कसा एकत्र येऊ शकतो.

Seen  
G. J. J.