

SEVA SADAN'S R. K. TALREJA COLLEGE OF  
ARTS, SCIENCE AND COMMERCE,  
ULHASNAGAR - 421003

# PARAS

2020 - 21 | VOL. 57



# **SEVA SADAN'S**

**RAMCHAND KIMATRAM TALREJA COLLEGE OF ARTS,  
SCIENCE AND COMMERCE, ULHASNAGAR - 421003**

## **Management Committee**

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**Dr. Ramchand M. Rajpal - Vice President**

**Shri. Sanjay V. Dabrai - Secretary and Trustee**

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**Shri. Rohit R. Dabrai - Member**

**Shri. Vijay Menda - Member**

**I/c Principal: Dr. Geetha Menon**

**Vice Principal: Prof. Neelam Kapoor**



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# Principal's Address

The ability to adapt, improvise, and overcome life's changing situations is the hallmark of a successful education. The COVID-19 pandemic caught everyone off guard, wreaking havoc on the world in every way. To avoid the transmission and spread of the fatal virus, the organizations' functions had to be altered. Despite the numerous hurdles encountered, our college has had a memorable and significant year as a result of well-executed strategic and quality initiatives and accomplishments. The college was able to quickly adjust, negotiate the hurdles, build and deploy procedures, and take advantage of opportunities that arose in the present and future. The virtual mode never seized the possibilities for our dedicated and committed faculty to focus on a spectrum of activities.



Co-curricular and extra-curricular activities have been a hive of activity at the college. The college tried a novel approach to ensure that each student gained additional information and skills. Nothing could stop us from working through virtual platforms, notwithstanding the COVID lockdowns. We were able to complete all of the college's programs. This has been made possible by the Management Committee's imaginative and positive leadership, the college's dedicated and committed officials and employees, eager students, supportive parents and alumni, and the college's state-of-the-art facilities, which are upgraded on a regular basis. Several webinars, interactive expert talk sessions, virtual field trips, community connect outreach events, and career counselling sessions were held to the best of our abilities throughout the year.

I gratefully recognise and note that the college's competent and collaborative team and administrative personnel are responsible for the institution's enriched and distinctive college experience and achievements. I extend my congratulations to the magazine committee on the publication of the document that details the college's accomplishments, proud moments, and activities. I hope that the institution continues to thrive, reaching out to a larger number of students and excelling in the development of human resources.

With the wisdom and direction of the Almighty, I wish the institution all the best in its ongoing efforts to create a dynamic and inclusive learning environment in a culture of excellence.



# Editor's Note

The academic year 2020-21 has been another trying one. The pandemic's second wave wreaked havoc in our country, and most of us have had to deal with disease and loss. Despite adversity, R.K.T. College in Ulhasnagar has remained committed to academic excellence. The administration, professors, and students have fully adapted to the online ecosystem that was painstakingly built in 2020 to ensure that quality education is not hampered by the pandemic. The NAAC accreditation, which put our college right up in the participating colleges in 2021, confirms that we have accomplished our mission.



Every year, the college's editorial board proudly presents its one-of-a-kind creation in the shape of PARAS, an annual magazine that serves as a platform to highlight the college's literary and artistic segments. The magazine also emphasizes the college's intellectual, cultural, and athletic activities. The magazine's aim is to enlighten, engage, inspire, and delight a diverse audience of alumni, staff, students, parents, and other friends of the institution by offering an intimate, relevant, and honest portrayal of the college sources and mission. The journal strives to reflect the institution's principles and excellence. This academic year, 2020-21, has been full of both problems and successes. We believe that we have received God's blessings.

During the ongoing pandemic, PARAS 2020-21 is a history of our enthusiastic and creative instruction, both online and offline. It symbolizes RKT's mission to overcome obstacles and lend a hand to people in need while remaining true to its core pedagogical beliefs. I am grateful to the Principal, Dr. Geetha Menon, the Management Committee, my fellow Magazine Committee members, the student editorial team, and the digital editor for their tireless work, without which putting together this magazine would have been a difficult challenge. I genuinely hope that this year will be one of peace.

## MAGAZINE COMMITTEE

Dr. Neelam Mulchandani (Editor)

Prof. Reena Singh

Dr. Prajakta Shitre

Prof. Pramod Dagade

Prof. Omna Menon

Prof. Nikita Chandwani

Prof. Narsimulu Mehetre

Prof. Radha Murthy

Prof. Richa Badlani





# UG Academic Toppers: 2020-21



**MAHAJAN MANISH  
YOGESH  
FY BA**



**VERMA KRISHNA  
PREMKUMAR  
FY BCOM**



**CHADHA  
RAGVINDER KAUR  
AMRIK SINGH  
FY BSC\_CS**



**YADAV SHEETAL  
VIRENDRAKUMAR  
FY BSC\_IT**



**PANIGRAHI NARAYAN  
KRISHNA  
SY BA**



**KATKE HARSHADA  
SANJAY  
SY BCOM**



**PARDHI RAHUL VITTHAL  
SY BCOM**



**MEDAR CHHAYA  
HANUMANTA  
SY BSC**



**SAHU MANGALAM  
RAMNARESH  
SY BSC\_CS**



**YADAV SWAPNALI  
RADHESHYAM  
SY BSC\_IT**



**DODEJA SNEHA  
MUKESH  
TY BA\_ENGLISH**



# UG Academic Toppers: 2020-21



**SHAIKH ARBAZ SHAFIQ**  
**TY BA\_HINDI**



**LABANA MANPREETKAUR**  
**MANJEETSINGH**  
**TY BA\_HISTORY**



**NADAR AARONRAJA**  
**VEDTHEMUTHU VICTORIA**  
**TY BCOM**



**SONAWANE MONALI**  
**SHANTARAM ASHA**  
**TY BSC\_BOTANY**



**JADHAV PRIYA ANANT**  
**TY BSC\_MICRO**



**MOOPANAR GAYATHRI**  
**GANESH BHAGAWATHI**  
**TY BSC\_CHEMISTRY**



**PRAJAPATI VINIT**  
**CHANDRABHAN**  
**TY BSC\_PHYSICS**



**YADAV MAMTA**  
**JAGANNATH**  
**TY BSC\_MATHS**



**MISHRA ASMITA**  
**ANIL SADHANA**  
**TY BSC\_ZOOLOGY**



**SARKATE LAXMI**  
**SHANKARRAO**  
**TY BSC\_CS**



**YADAV KAJAL**  
**DHARAMPAL**  
**TY BSC\_IT**



# PG Academic Toppers: 2020-21



**SHARMA SUSHILA D**  
**MA\_HISTORY**



**NASKAR DIANKA ARUN**  
**MA\_ECONOMICS**



**YADAV RAVIRAJ A**  
**MA\_HINDI**



**JADHAV PRAJAKTA P**  
**MA\_MARATHI**

**SRIPADA KALPLATA K**  
**MA\_ENGLISH**



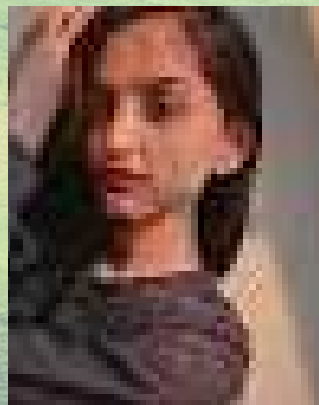
**RAUL DIVYA A**  
**MSC\_BOTANY**



**PHADNIS MANSI S**  
**MSC\_MICRO**



**CHABUKSAR SALLI S**  
**MSC\_MICRO**



**DAMBHE SONAM M**  
**MSC\_ZOOLOGY**



**CHAVAN PAYAL D**  
**MSC\_ZOOLOGY**



**SHAIKH RUKAYYA**  
**ABDULLAH**  
**MCOM**



An aerial photograph of a lush green landscape with rolling hills and a winding river. The hills are covered in dense vegetation, and the river flows through a valley. The overall scene is vibrant and natural.

# **COMMITTEE**

# **REPORTS**



# National Service Scheme - N.S.S.

When students leave their classrooms to serve society, they realise the significance of education. At RKT, we make every effort to instil such skills in our pupils. As a result, the N.S.S. Unit lies at the very heart of our Institution—the N.S.S. Unit encourages students to be socially conscious by involving them in various socially valuable activities that are well-guided by the Teachers.

NSS is a voluntary organisation of students at Colleges and Universities that aspires to develop students' personalities through Social Service. The volunteer's primary goal is to discover community needs and problems and then get involved in solving those problems and developing practical solutions. NSS aids in developing social skills and encourages youth to participate in community activities and share civic and social obligations.

The NSS unit of our college enrolled 300 volunteers with Four Programme Officers and Two Committee members.

Dr. Santosh Motwani (PO)

Dr. Reena Singh (PO)

Prof. Sunil Khatri (PO)

Prof. Vinit Chitte (PO)

Prof. Subhash Gaded (Member)

Dr. Prajkta Shitre (Member)

Some of the programmes organised by the NSS Unit in the AY 2020-21 are as follows :

## **10 Days Course on Common Yoga Protocol:-**

On 10th August 2020, NSS Unit conducted a 10 days workshop as per the Government directives. Dr. Archana Singh was the Chief Guest cum Yoga guide for the event.

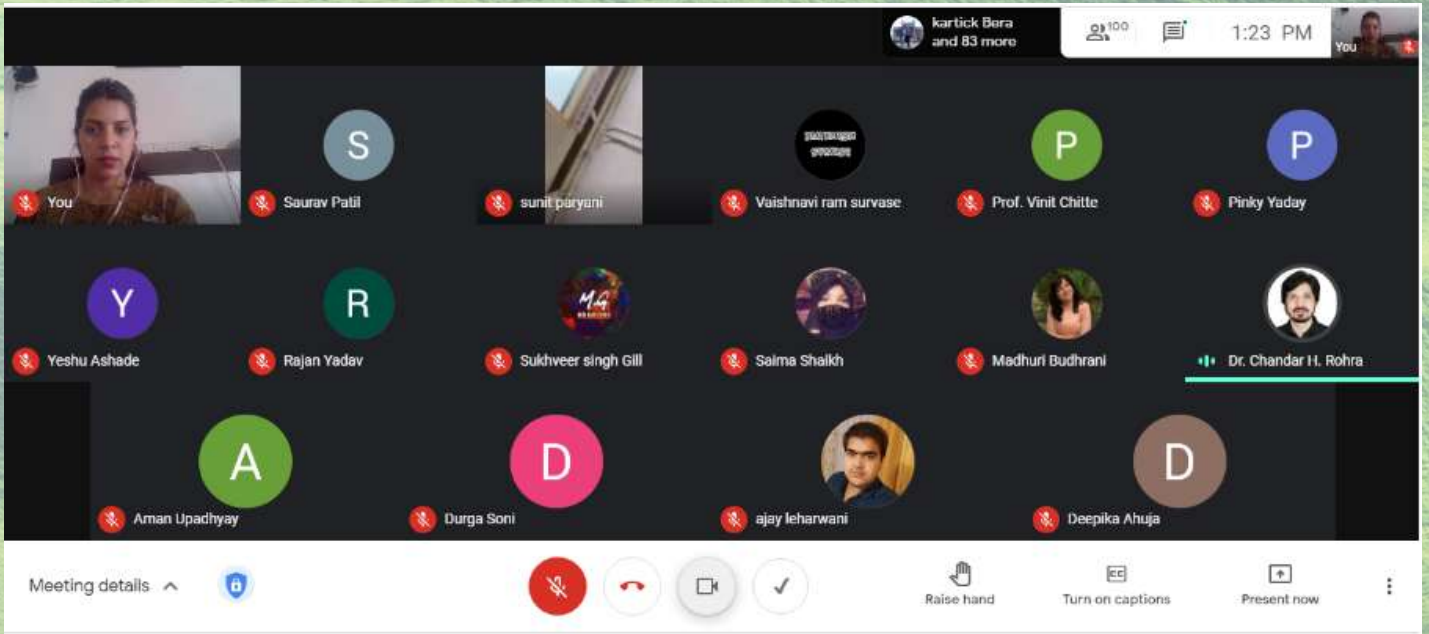
## **Jan Andolan for COVID - 19 Appropriate Behaviour:-**

On 8th Oct 2020, NSS Unit conducted a Public Awareness Programme to spread information about the appropriate behaviour in times of COVID - 19. The event was carried out considering all the necessary COVID - 19 measures.

## **Webinar on Minority Rights Day:-**

Minority Rights Day was celebrated on 19th December 2020. Dr. Chander Rohra, Business Law Department, and Prof. Madhuri Budhrani, Commerce Department, guided the students on the rights of minority people in India.





## Webinar on Minority Rights Day

### Blood Donation Camp:-

On 1st January 2021, a blood donation camp was organised on the College campus. This blood donation camp was conducted during the Pandemic, and hence it played a crucial role in providing adequate blood supply to various hospitals. When the world was battling Corona, this act of kindness was highly commendable and noble.

### Army Raising Day:-

10th January 2021 was celebrated as Raising day of the Indian Army. Mr. Mangesh Dhimte was the Chief Guest for the event. The event was successful and was attended by 106 students.



Blood Donation Camp



### **World Hindi Day:-**

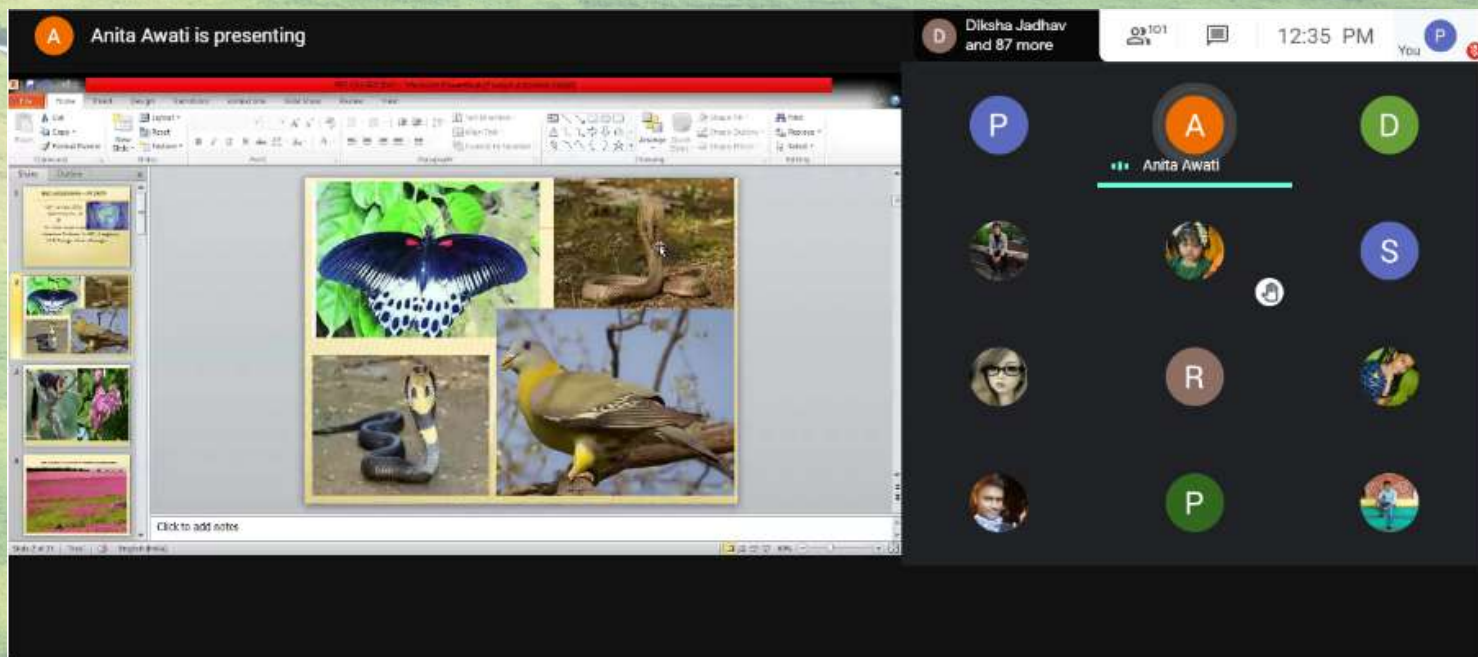
11th January 2021 was celebrated as World Hindi Day. The programme was celebrated in association with the Hindi Department of the College. Prof. Shyam Sundar Pandey and Prof. Neelam Pandey were the Chief Guests for the event. 110 students participated in the event.

### **Consumerism and Financial Literacy in COVID - 19 Times:-**

NSS Unit, in association with the Consumer Guidance Society of India, conducted a Consumer Awareness Programme on 13th January 2021. Students were informed about the rights and duties of Consumers. The programme also provided information about Consumer Court and its procedures. The Chief Guests for the event were Mr. T R Pandey and Mr. Nandkumar Menon. 98 students participated in the programme.

### **Majhi Vasundhara Programme:-**

Majhi Vasundhara Programme was conducted on 14th January 2021. Dr. Anita Awte was the Chief Guest of the Programme. She gave guidance about the importance of Nature in our life.



### **Majhi Vasundhara Programme**

### **Road Safety and Accident Prevention:-**

In association with the Planning Forum, the NSS Unit conducted a Road Safety and Accident Prevention Programme on 21st January 2021. Mr. Tanaji Chavan (Dy. RTO) was the Chief Guest. The program's objective was to make students aware of the traffic rules and regulations. 115 students participated in the event.



**Global Money Week:-**

22nd to 28th March 2021 was observed as Global Money Week. Mr. T. R. Pandey was the Resource person to provide guidance and information regarding the concepts of Money and Finance.

**Competitive Exam Guidance:-**

NSS volunteers were provided guidance for appearing in UPSC/ MPSC and other Competitive exams on 31st March 2021. Prof. Jeevan Vichare was the resource person providing the necessary advice and motivation for the students.

**Disaster Management Programme:-**

NSS Unit, in association with the Department of Disaster Management, conducted a 2-day programme on disaster management on 5th and 6th April 2021. Mr. Prathamesh Bhagare was the Chief Guest for the event.

**Organ Donation Seminar:-**

NSS volunteers were deputed to attend the Organ Donation Project of the University of Mumbai on 5th April 2021. All the students gained information and knowledge about the importance of organ donation.

**World No Tobacco Day:-**

On 31st May 2021, NSS Unit conducted a Poster Making Competition on the theme of World No Tobacco Day. The Chief Guests for the event were Dr. Vijay Wanti and Dr. Savita Bhagat. This programme helped to inculcate awareness about the health hazards arising out of tobacco consumption.

**International Yoga Day:-**

On 21st June 2021, the NSS Unit conducted a programme celebrating International Yoga Day. The event was honoured by the presence of I/c Principal Dr. Geetha Menon. Mr. Kishor Pawar was the Chief Guest for the event.

We express our gratitude to Mr. Sanjay Dabrai, Secretary, Seva Sadan Trust, Dr. Geetha Menon (I/c Principal), and Vice Principal for their valuable guidance before and during the NSS activities. I also thank all the resource persons who spared their valuable time to guide our NSS volunteers. Last but not least, it is imperative to thank our Non-Teaching Staff and student leaders for their whole-hearted support of NSS activities.





R. K. Talreja College  
of Arts, Science and  
Commerce  
Nss unit  
Fit india movement



### N. S. S. COMMITTEE

- |                          |                   |
|--------------------------|-------------------|
| 1. Dr. Santosh Motwani   | Programme Officer |
| 2. Prof. Reena Singh     | Programme officer |
| 3. Prof. Sunil C. Khatri | Programme Officer |
| 4. Prof. Vinit Chitte    | Programme Officer |
| 5. Dr. Prajakta Shitre   | Member            |
| 6. Prof. Subhash Gaded   | Member            |



# National Cadet Corps - N. C. C.

N.C.C. strives to develop youth holistically, focusing on Discipline and Patriotism, Secularism, Selfless service, Courage, Hard work, Sportsmanship, and Adventure. It also aspires to form a group of young people who will be incorporated into the Indian Armed Forces, such as the Army, Navy, Air Force, and other Paramilitary forces. N.C.C. enrollment is entirely voluntary. Our college has constantly exceeded its goals and objectives. The R. K. Talreja College N.C.C. Unit is affiliated with the 6 MAH BN NCC MUMBAI 'A' Group and is led by Lt. Badgujar Bharat.

N.C.C. has the following Objectives:

- To Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces
- To Develop Character, Comradeship, Discipline, Leadership, Secular Outlook, Spirit of Adventure, and Ideals of Selfless Service amongst the Youth of the Country.

N.C.C. Special Entry Scheme for SD Wings Graduates in OTA in the Age category 19-25 years with 50% marks, every year through DDG of States for direct interview (SSB). Cadets are not required to take the UPSC CDS examination. However, in the 'C' Certificate Examination, the Cadets should receive a 'A' or 'B' grade.

Lt. Badgujar Bharat leads the R.K.Talreja College NCC Unit, which is associated with the 6 MAH BN NCC MUMBAI 'A' Group. The following are the activities carried out by our NCC Unit during the academic year 2020 -2021:

## **CAT Camp:-**

402 6 MAH battalion organised in RKT College between 6th to 12th February 2021. 50 Cadets participated, including cadets from Birla College and CHM College.







Nominal Roll 2020 -21



# R.K.TALREJA COLLEGE 6 MAH BN



COY.COMMANDER  
LT.BHARAT U. BADGUJAR



SUO.PATDIYA VIJAY



JUO. MAGARE PRAVIN



JUO.SHELAR ANANT



CSM.JAISWAL JAYESH



CQMS. PAL AKASH



SGT.NIMBALKAR SHUBHAM



SGT.CHORDHKAR VIGHNESH



SGT.BADGUJAR ROHIT



CPL.CHANDSURVE AMIT



CPL.BADGUJAR CHETAN



CPL.NAIR SAGAR



LCPL.PATIL RAHUL



LCPL.BAVISKAR AKSHAY



### Shahid Bhagat Singh Punyatithi:-

On 23rd March 2021, the NCC Cadets got together in the NCC office to honour the sacrifice of the decorated freedom fighter Shahid Bhagat Singh.



### International Yoga Day:-

21st June, 2021 was celebrated as International Yoga Day. 32 cadets participated in this quest to get healthy.





## Swachhata Abhiyan:-

Gandhiji was a promoter of the philosophy that a clean community is a reflection of a healthy community. In order to commemorate the occasion of Gandhi Jayanti, the N.C.C. Unit conducted a Cleanliness Drive on 27th July 2021 at the Central Hospital in Ulhasnagar-3. 70 cadets participated in this noble cause.





## Tree Plantation Drive:-

With the increasingly negative impact of Climate Change, it has become necessary to take corrective actions. 65 Cadets participated in planting trees on 28th July 2021 to make the place more Green and help the Environment.





6 MAH Battalion Colonel Manish Awasthi visited RKT College  
on 11th August 2021





## Independence Day:-

R. K. Talreja College witnessed the celebration of the 74th Independence Day on 15th August 2020. All the N.C.C Cadets were dressed in their uniforms. At sharp 8:00 am I/c. Principal Dr. Geetha Menon hoisted the flag.

The "National Anthem" was then sung by all of the Teachers and pupils as a group. Everyone was thrilled with patriotic feelings as they remembered our National heroes' sacrifice. Finally, the N.C.C. put on a parade. This day will live on in everyone's memories. The entire event went off without a hitch.





# Career Guidance and Placement Cell

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RKT College of Arts, Science, and Commerce has always shone in its prospects considering the holistic development of students and Teachers at a macro level. Every kid aspires to be a success in their life. While education is a necessary first step in realizing this ideal, we at RKT recognize that this is not the end. It is critical to improve and, in certain cases, generate the necessary Industrial skills in our pupils in order to prepare them for the real world of competition. Our Institute's Career Guidance and Student Placement Cell assists students in pursuing careers in a variety of sectors while also providing recruitment prospects.

Career Guidance and Placement Cell have collaborated for the help that a student needs once out in the market. The Placement Cell has worked earnestly to upgrade the various Soft skills, Presentation skills, etc., required outside the campus.

This year too, right from July, despite the Pandemic, the efforts of the Cell have been praiseworthy by arranging various Webinars, Workshops, Training courses, and Campus drives, making the virtual platform the sole battlefield.

## **Tally with GST:-**

For SY, TY students of all Streams, the 'Tally with GST' session was conducted in association with Anudip Foundation which was the first training course in the series planned, organised, and conducted by the Cell.

## **Prezi and Powtoon Workshop:-**

Visuals are most impactful in today's world. Keeping this in mind, Brightwayz focused on a Workshop on Prezi and Powtoon tools so as to improve the Presentation Skills of the students.

## **Resume Writing:-**

Who can deny the importance of a Resume! It is a 2-sec image of an Individual. Corporates judge you in an instance by glancing at your Resume. Our Resource person Niketan Taware prioritised Resume writing for CMC, BMS, BFM, CMC, and BBI students.

## **Psychometric Test:-**

The present generation is confused much of the time in the clash as to which career to opt for, the parent's choice, the peer group constraints, all these influences the interest of an individual. To clear the air, Mumbai University's Garware Institution of Career Education and Development conducted Psychometric Tests for students across all streams to clear the air. Based on the report, guidance was provided to the students by Guest Speaker, Megha Bansal.



### **Recruitment Drive:-**

January and February months were designed for Off-Campus drive by Mindtree, TCS, and Internship programs by Ifuture Company.

### **Preparation for MPSC, UPSC, and Banking Exams:-**

A much in-demand Seminar by students on 'Preparation for MPSC, UPSC and Banking Exams' was also conducted in association with Garware Institute. The Resource person for the same was Gaurav Gawande.

### **Digital Financial Literacy Program:-**

To keep up the pace, much needed in today's modern times like the Digital Financial Literacy program conducted by the Cell in association with Black Dot ESDC and Learnnet Skills.

The "**Connect with Work**" program by Barclays Rubicons was a cherry on the cake, as it was an eighteen hours Zoom/Webex online and eight hours of classroom training.

### **Career Fair:-**

To cap it all, the Annual Event conducted by the Career Guidance and Student Placement Cell was the 3-day Virtual Career Fair - "EXPLORE Your Career Horizon" a marathon of varied sessions one after another for three consecutive days which proved to be an unprecedented success with about 2600 students from various Institutions, Regions, and States attending. The 3-day Event consisted of 11 Webinars on varied and diverse areas and fields like Stock Market, Banking, Hotel Management, Law, Music, CPA and CA, Health Care, Entertainment Industry, Library Science, MBA, and also a 3-hour Workshop on in-demand courses like Advanced Excel, Digital Transformation and App Development.

To ensure the smooth functioning of the Committee, it was mandatory to have regular and fruitful meetings so that necessary updates and improvements can be worked out well. Student Guidance and Placement Cell has worked relentlessly towards the betterment of students and the recognition of the college. The Cell assures the commitment towards upcoming years with high levels of enthusiasm and newness. The design of the future events would be more innovative, trendy, and insightful.

#### **CAREER GUIDANCE AND PLACEMENT CELL**

- 1. Prof. Neelam Kapoor - Convenor**
- 2. Dr. Neelam Mulchandani - Co-Convenor**
- 3. Prof. Bhagyashree Pathai**
- 4. Prof. C.A. Bharat Khatri**
- 5. Prof. Bharat Khatri**
- 8. Prof. Sunit Paryani**
- 9. Prof. Laveena Mangtani**





# Gymkhana Committee

The Academic Year 2020-21 was forced under the lockdown period of COVID - 19 Second wave. The College had restrictions on calling students physically on the College premises. All physical activities were curtailed severely. In an endeavour to engage students, the Gymkhana Committee coordinated with the R.K.T Fit India Club and organised a series of exercises to keep our students engaged, helping them cope with the stress. The Online series was conducted with the idea of helping our students to focus on physical fitness. A complete guide with stepwise instructions to perform exercises within their safety zone, like home, verandah, terrace etc; was provided to the students.

The series started on 29th March 2020 and continued till 13th July 2020. The students were instructed to shoot a video and send the challenge performed on the WhatsApp group. The best Challenge Performer was felicitated with a trophy. The Physical exercise challenge was not only for students but was extended to their families and friends. The total number of participants was 27 boys and 13 girls. We take this opportunity to thank all the members of the Gymkhana Committee for the cooperation given in conducting the online activities and helping and counselling students in the crisis situation of COVID - 19.



## GYMKHANA COMMITTEE

1. Prof. Seema Sindgikar - Chairperson
2. Prof. Jitendra Patil
3. Prof. Hema Pinjani
4. Prof. Pramod Dagade
5. Mr. Satish Rajguru (Jr. College)



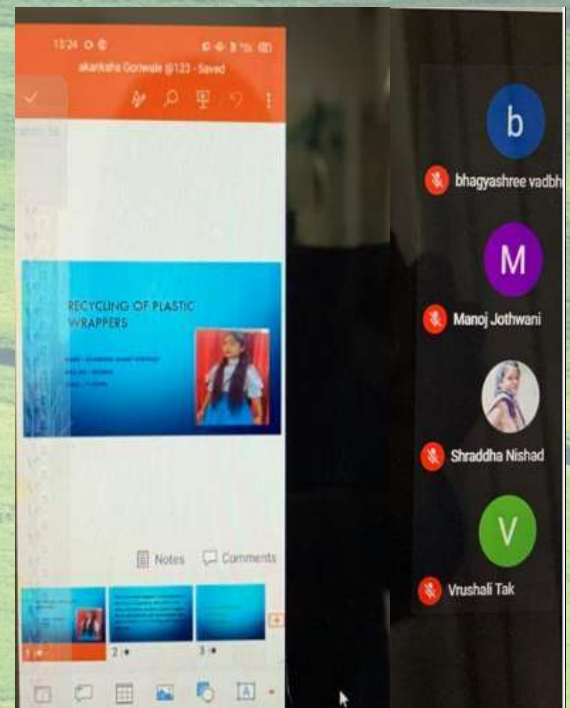
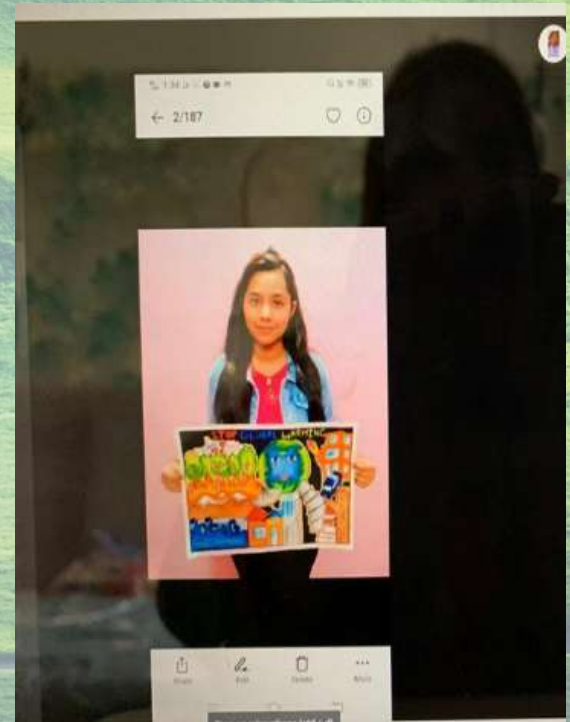
# Art Circle

Creativity is important since it not only stimulates cognitive skills but also takes one's thoughts away from the everyday routine. We at RKT College encourage students to be creative. The Art Circle encourages the students in participating in a variety of Arts and Crafts, as well as organising events that are appreciated as well as enjoyed by everybody. The Art Circle has been organising various Competitions and Creative Workshops for the overall development of the students and involving them in different activities along with Academics. Due to COVID Pandemic, the Art Circle and Dept. of Commerce (EVS) organised an Online Google meet event, "Heal Nature," on 15th March 2021 in which the following activities were conducted:

- Poster Making
- Rangoli
- PowerPoint Presentation

By participating in above activities, students got an opportunity to showcase their talents and got the necessary motivation to participate in various Competitions held at Inter-Collegiate Level. Many of our students have won prizes at Inter-Collegiate Level.

The participation of students in the above activities was massive. Approximately 50 students participated in the Event.



## ART CIRCLE COMMITTEE

1. Prof. Madhuri Budhrani - Chairperson
2. Dr. Soni Narwani
3. Prof. Alka Golani
4. Prof. Komal Chhabria
5. Mr. Manoj Jodwani



# Science Association

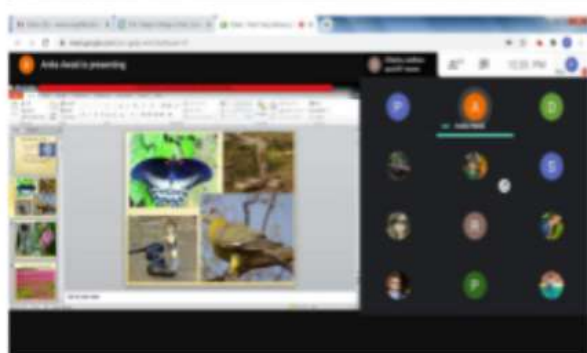
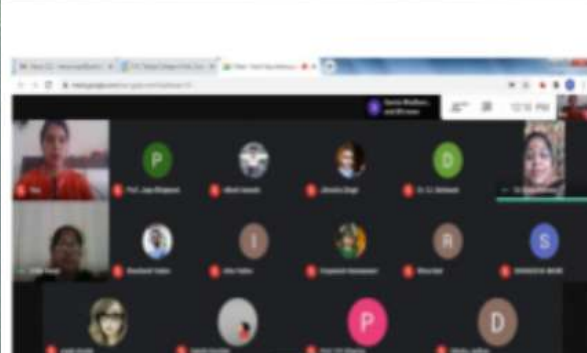
Science and Technology play an important role in our daily lives. RKT's Science Association is continually striving to make students more curious and intuitive about Science. It hosts Seminars and Workshops to demonstrate the importance of Science in our daily life. It is an excellent amalgamation of several Scientific disciplines.

The following events were held by the Science Association:

## MAJHI VASUNDHARA {MY EARTH}:-

A Webinar was jointly organised by Nature Club, Science Association, NSS Unit, and the Hindi Department on 14th January 2021 between 12:00 to 01:00 pm Dr. Anita Jaypal-Awati, Associate Professor, Head of the Department, Geography Department of ICS College, Khed was the Resource Person for the Webinar. She presented her views on the Biodiversity of India, its Ecological importance, and its Sustainable Environment. She also elaborated on the importance of "MAJHI VASUNDHARA {MY EARTH}" an initiative taken by the Honourable Minister of Tourism, Environment and Climate Change on 2nd October 2020. The Webinar was attended by 100 participants through the Google Meet link: <https://meet.google.com/zor-gptp-emn> and 376 participants by YouTube link: <https://youtu.be/nC9uzNK4Cm8>.

An #Epledge initiative program was conducted offline in the College Campus after 1:15 pm. I/C Principal Dr Geetha Menon, Teaching Faculties, Non-Teaching Faculties, and Students attended the program by following the rules and regulations of social distancing. In total, 105 Students and Staff took a Pledge.





## Webinar on Science in the Time of Pandemic:-

Science Association and Chemistry Department jointly organised a Webinar on Science in the Time of Pandemic on 29th January, 2021 at 12 noon through Online Zoom meeting.

Resource person, Prof. Anidya Dutta commenced the Webinar by explaining the role of Science and by talking about the process of carrying out Scientific Research in the time of Pandemic. He elaborated on the determination of structure of COVID - 19 by using Electron Microscopy. He explained how the COVID -19 infection spreads and how the infection could be reduced and prevented.

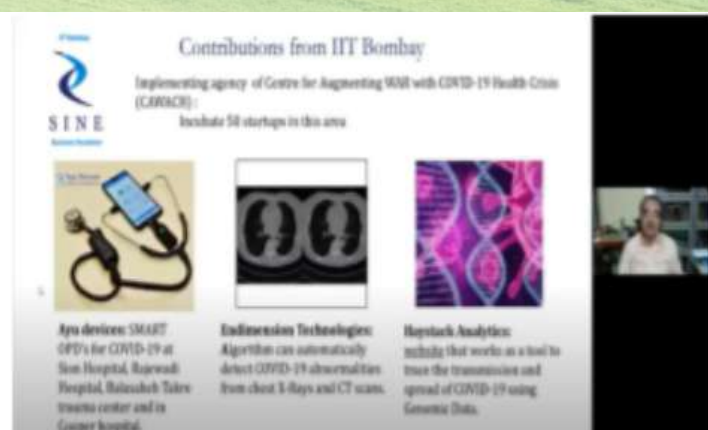
The second part of the Talk focused on how Science has been used in the development of different Technologies. For example, the advanced technology has enabled Online Seminars and Classes to be conducted without wasting time in travelling, among other things. He pointed out the increased Industrial interaction between Scientific Communities and Industries to explore and develop new products. He spoke about the various opportunities in Higher Education (including NPTEL Distance Education), and how students can successfully complete many courses according to their choices.

In the last part of the talk, he explained the contributions of the Scientific community at the time of the Pandemic. He explained the development of SMS based E-token mechanism for shops, by IIT Kanpur, and the development of a UV sensitised Sanitizer, development of an Antiviral mask using Nanotechnology by IIT Mumbai.

The talk concluded with a note to the students about using National facilities available across the country for their Research work.



Prof. Anidya Dutta explaining the determination of structure of Covid-19 by using electron microscope



Prof. Anidya Dutta presenting the contribution of IIT Bombay at the time of Pandemic



## PowerPoint Presentation Competition:-

The Science Association and Physics Department jointly organised a PowerPoint Presentation Competition on Scientists and his/her research (1950 onwards).

First-round consisted of selection and shortlisting of the PPT from all received on the basis of content, understanding, designing and as per instruction given to make PPT by Physics Department Teachers on 8th March 2021. 13 students could progress from the first round.

Final round - 2 Judges were called to judge and select Winners from the first round qualifiers on the basis of Online Presentation, understanding and delivery of the content covered in their PPT on 12th March 2021 at 4 pm. Following are the names of the judges:

**Dr. Geeta Nair (Somaiya College)**

**Prof. Mandar Vidwans (Royal College)**

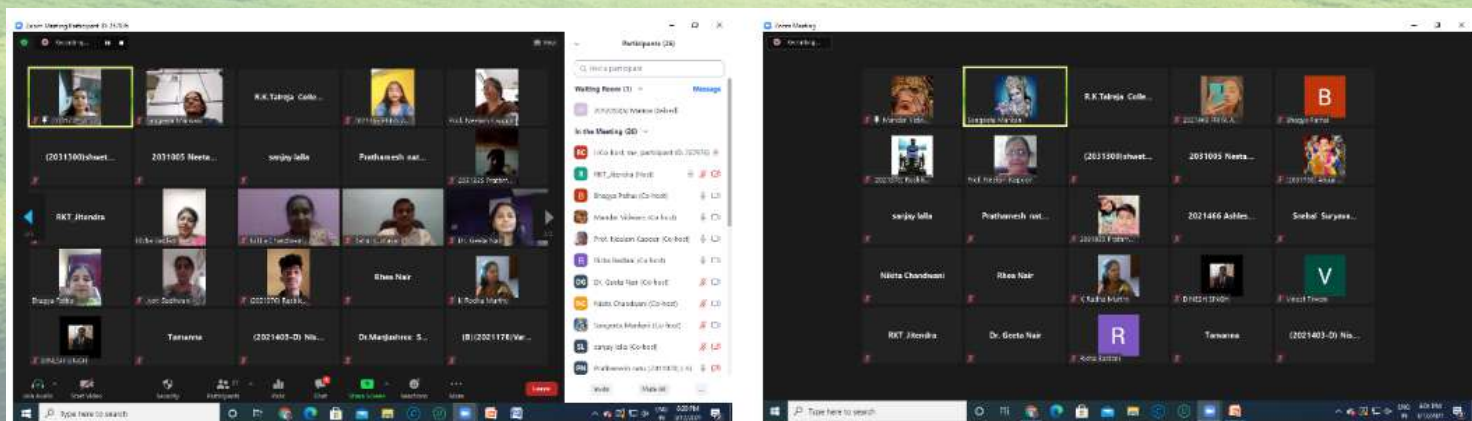
The following students received Prizes:

**First prize - Anuja Belure**

**Second prize- Priya Arsan**

**Third Prize /Consolation- Shweta Mayurya**

The goal of the Webinar was fully realised after receiving feedback from students, and the question and answer session demonstrated how eager students were to learn more. Receiving calls from students even after the first round of the PPT Competition demonstrated how engaged and enthusiastic students are.



**Screenshot of faculties and students attending the session**

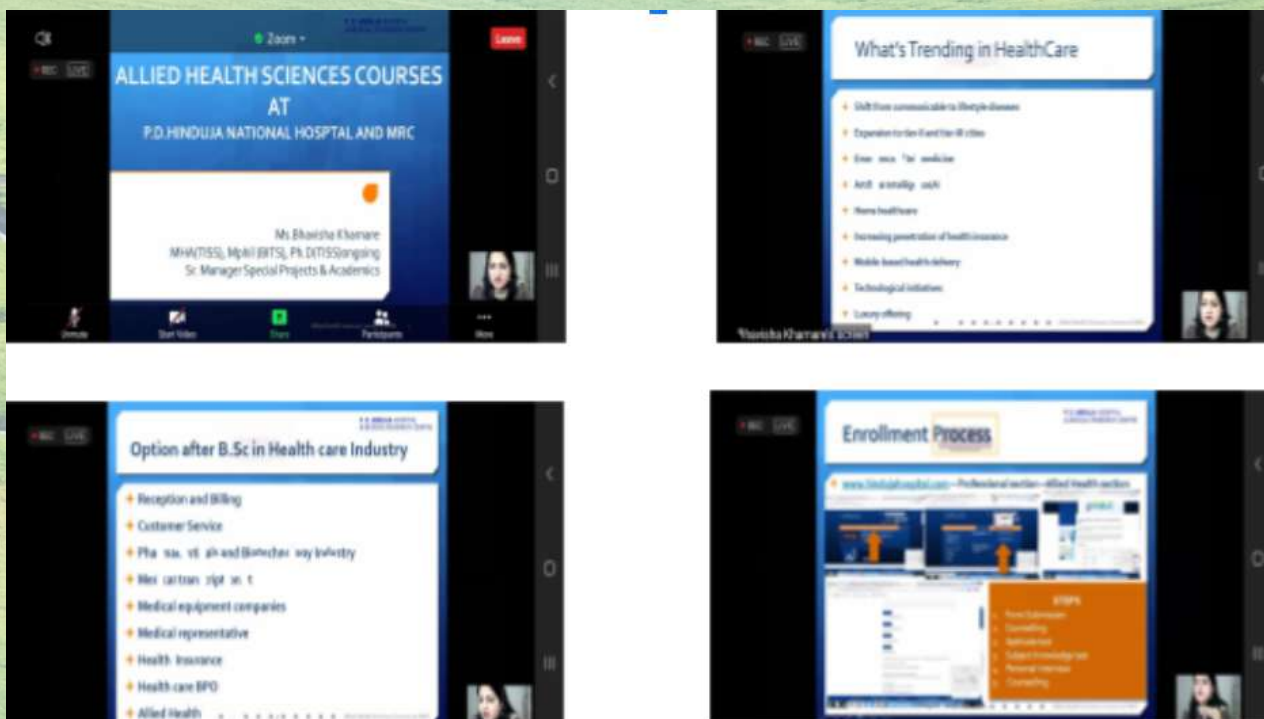


## Career in Healthcare Sector:-

Science Association and Career Guidance and Placement Cell jointly organised a Webinar on Career in Healthcare Sector on 19th March 2021 at 1:00 PM through the Online Zoom platform

<https://zoom.us/j/92811917058?pwd=bXRQREJUTCtZV1JUJZGVIR2ZjSC9qdz09>

Resource person Ms. Bhavisha Kharane shared a presentation on Career opportunities in the Health Care Sector and options available after BSc in the Healthcare Industry. She made students aware of P.D. Hinduja Hospital and Medical Research Centre, current programs at HNH, eligibility, course structure and course contents of such programs and she explained the enrollment process for such programs at HNH and also benefits of such programs for students.



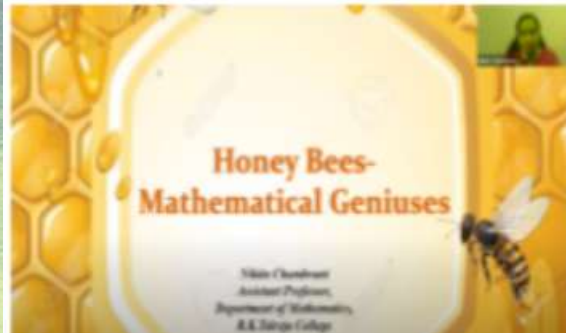
## Screenshot of faculties and students attending the session

### Honeybees- Mathematical Geniuses:-

The Science Association and Department of Mathematics jointly organised a Webinar on Honeybees- Mathematical Geniuses on 27th March 2021 at 4:00 PM through Online Zoom meeting.

Prof. Nikita Chandwani, Assistant Professor, RKT Maths Dept., shared a PowerPoint presentation and explained the Maths behind the hexagonal structure of Honeycomb. She showed, using Mathematical Techniques, that a regular hexagon has the least perimeter and using calculus she explained that hexagonal tubes (beehives) have minimum surface area, so honey bees will require less wax.





**Screenshot of Honeybees Session**



### **SCIENCE ASSOCIATION COMMITTEE**

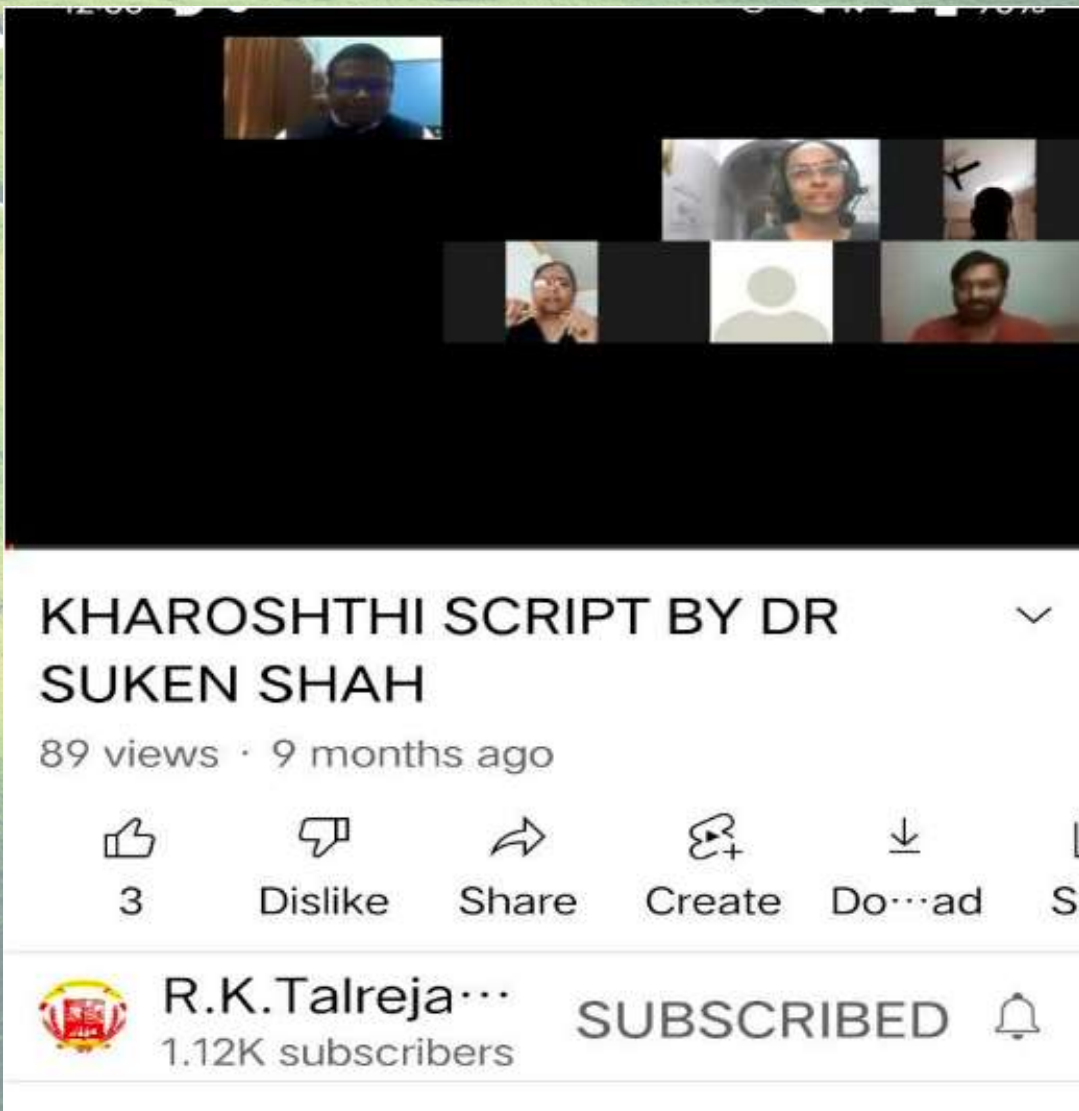
1. Prof. Bhagyashree Pathai - Chairperson
2. Dr. Ranjana Khade
3. Prof. Richa Badlani
4. Dr. K. Radhamani
5. Prof. Parimita Sharma
6. Prof. Jitendra Patil
7. Prof. Nikita Chandwani
8. Prof. Kiran Gurbani
9. Prof. Ashwini Rane



# History Association

The year 2020 brought in grave challenges associated with the global pandemic of COVID - 19. The live Campus learning turned into an Online mode of teaching. However, that did not deter our endeavour at the History Association to introduce our students to the primary sources of History.

The activities of the History Association for the Academic Year 2020-2021 were launched with the Inaugural function held on 18th February 2021. Dr. Suken Shah (Assistant Professor, Centre for Extra-Mural Studies, University of Mumbai) was invited as the Chief Guest of the function. He delivered an Online Interactive Talk on 'Exploring Kharoshthi: An Early Indian Script'. Our students learnt and practised the basics of the Kharoshthi script, one of the earliest scripts used in the Indian subcontinent. (<https://rb.gy/rjwrtm>). The primary tools for the reconstruction of History include coins, a medium of exchange used in Indian Civilization right from the days of Harappan Culture.





A Two-day Online Workshop 'Tales Coins Tell' was organised on 9th and 10th April 2021. (<https://cutt.ly/LYgiwNV> and <https://rb.gy/mo92ej>) Mr. Ashutosh Patil an eminent numismatist and author was the resource person. He narrated the growth and development of Indian coinage along with its manifold features like weight, symbols, rarity and auction. Both the programs have been streamed live through the YouTube channel of our college and now have been uploaded as the permanent repository.



The successful accomplishment of the activities was the outcome of the guidance of Prof. Nand Vagrya (HOD) and the co-operation of Prof. Hema Madan, Prof. Mrunayi Londhe, Prof. Jaya Mane and the student volunteers. Special mention must be made of Dr. Pravin Borkar for his technical expertise that resulted in the successful streaming of both the programs.



### HISTORY ASSOCIATION COMMITTEE

1. Dr. Rupali Mokashi      Chairperson
2. Prof. Nand Vagrya
3. Prof. Hema Pinjani
4. Prof. Pravin Borkar



# Faculty Development Committee

The Committee conducted two Training programmes for Teaching as well as Non-Teaching Staff with the objective of introducing ICT tools and their effective application during the Pandemic.

## **WEBINAR ON GOOGLE CLASSROOM:-**

The Faculty Development Committee Organised A Webinar On Google Classroom On 29 August, 2020. Time 4 - 6 PM. The Teaching Staff Was Provided With A Link To Join The Sessions And Attend The Sessions With Google Meet:  
[https://Meet.Google.Com/kbj-qvgq-fes](https://meet.google.com/kbj-qvgq-fes)

The program was conducted under the leadership of I/c Principal Dr. Geetha Menon, and Prof. Neelam Kapoor, Convener, FDC. Prof. Neelam Kapoor introduced the objective of the course/program and encouraged the Teaching Staff for their better learning with E-Skills with special reference to google classroom. All Teaching Staff attended the program. Resource persons for the Webinar were

Dr. Meena Rao

Dr. Ranjana Khade

Prof. Bharat Khatri

They explained various aspects of Google Classroom.

The Program was hosted by Dr. Chandar Rohra

As per the design, the Teaching Staff has been divided into batches along with their Mentor Teacher for providing E-learning training. The Mentor Teachers have provided training, successfully. Further, for any post-training difficulties, the following Mentors were nominated as follows:

Dr. Meena Rao

Dr. Ranjana Khade

Prof. Bharat Khatri

Dr. Neelam Mulchandani

Dr. Parimita Sharma

Prof. Sangeetha Jagia

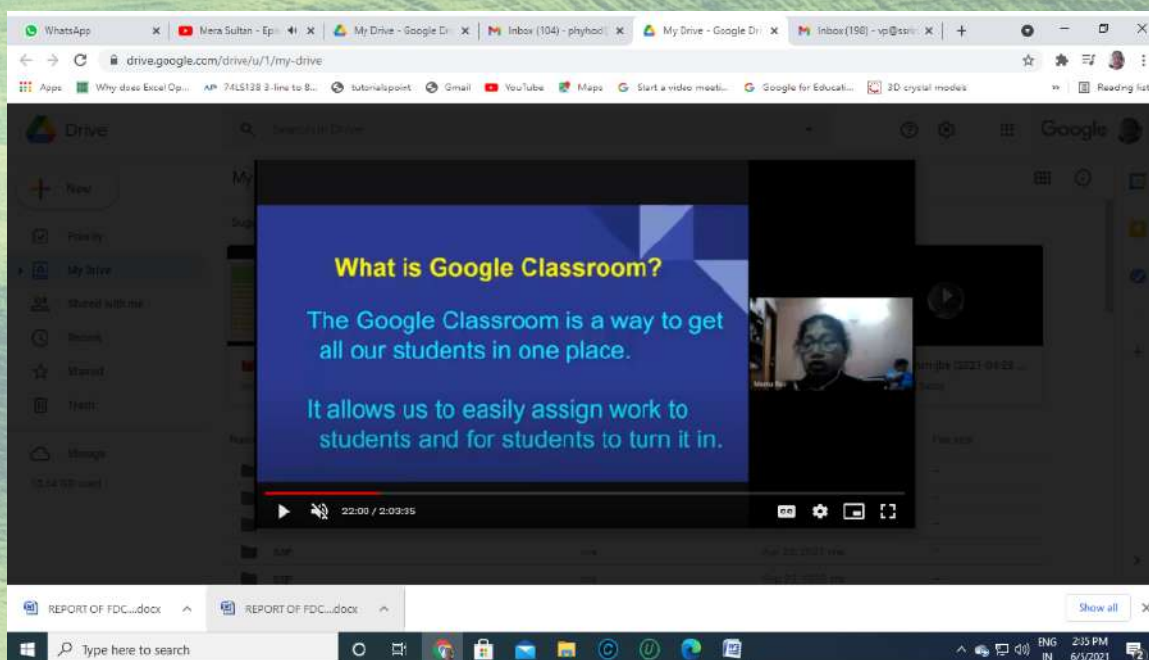
Prof. Nikita Chandwani

Prof. Juldeep Mahtre

Prof. Jitendar Patil

Prof. Ganesh Nikalje





## Screenshot of Google Classroom Session

### A STEP TOWARDS PAPERLESS OFFICE - COMPUTER LITERACY FOR NON-TEACHING STAFF:-

The Session was Inaugurated on Tuesday, 9th March 2021, from 1:30 pm

The session was conducted offline for Non -Teaching Staff in college in the Computer lab and assignments through: google classroom, <https://meet.google.com/gvm-jeek-tdq>

The program was conducted under the leadership of I/c. Principal Dr. Geetha Menon, and Prof. Neelam Kapoor, Convener, FDC. Both narrated about the objectives of course/program and encouraged the Non-Teaching Staff for their better learning with E-Skills. The program was hosted by Dr. Chandar Rohra. More than 50 Non-Teaching Staff attended the program. The Resource persons were Prof. Laxmi and Prof. Sarla from the Computer Department.

#### Summary of Course:-

All the Non-Teaching Staff along with Committee members and Mentors attended the sessions and were actively involved in the activity. There were a total 40 registered candidates from Non Teaching Staff. Two batches were formed in the configuration of 25 and 15 with weekly classes and practical training. The content of course was basic MS office, use of internet tools and to access printing and scanning. The duration of the program was four weeks from 9th March 2021. Unfortunately, the course was held only for 2 weeks, due to COVID - 19 restrictions. However, it is assured by the Committee that it will be continued next year.





**Names of Non-Teaching Staff who took this course:-**

1. **MS. SHOBHA V TAKRANI**
2. **MR. DEEPAK B HINDUJA**
3. **MR. BRAHMADEO A DOKE**
4. **MS. JAISHREE A JESWANI**
5. **MS. KASHISH S JAGASIA**
6. **MS. SAPNA L KHUBCHANDANI**
7. **MR. BHOLANATH VISHWAKARMA**
8. **MR. KAMLESH GULRAJANI**
9. **MR. BHAGWAN S MORE**
10. **MR. VIJAY M NAVANI**
11. **MR. RAMESH L DAWANI**
12. **MR. GUL D KHANCHANDANI**
13. **MR SURESH R LALLA**
14. **MS. RAJANI VOLETY**
15. **MR. ARVINDKUMAR SINGH**



**FACULTY DEVELOPMENT COMMITTEE**

1. Prof. Neelam Kapoor
2. Dr. Chandar Rohra
3. Prof. Bharat Khatri
4. Dr. Neeta Gundawar
5. Mrs. Shobha Takrani



# Sindhi Sahitya Mandal

Over the years, the Sindhi Sahitya Mandal has been instrumental in preparing and grooming students in the overall growth of their personality through Social and Community development. All the initiatives that were undertaken were mostly Online and were publicised on and off-campus using Social Media. 9 staff members and 205 students participated in the events. Mr Sanjay Dabrai, Secretary of the Seva Sadan Society blessed the occasion to motivate the students. The following activities were conducted:

- Essay reading, Music, Dance.
- Skill Competition - Folk dance.
- Devotion of Sindhis to Spirituality, Sindhi Culture and Sindhi language
- Impact of COVID - 19
- Contribution of Sindhi Community
- Changes in Sindhi Women after the year 2000 in all respective Fields.



Functions/duties allotted to Committee members were rightfully exercised to the best of everyone's ability and we truly appreciate the efforts of the Staff and participating students.

Below are the names and responsibilities of the Staff:

Prof. Alka Golani---Interaction with students

Prof. Soni Narwani---Sindhi Culture Guidance and Guest recording

Prof. Neelam Mulchandani— Sindhi language Resource person recording

Prof. Bhavna Budhrani---Spirituality and Recording of bhajans of Resource person

Prof. Lalla & Prof. Jotwani---Interaction and Guidance to students





**Skill competition**



**Essay reading**

**Love & Respect By Students**





## Key notes on Sindhi culture



## Sindhi language day



## Sindhi Spiritual song in Sindhi language



The event was a great success. However, there were certain challenges that the students had to face pertaining to internet connectivity, leading to an event with mixed enthusiasm. The group activity was conducted as per the plan made by the IQAC of the College and also in perspective of the mission and vision of the College.



### SINDHI SAHITYA MANDAL COMMITTEE

1. Dr. Soni Narwani                      Chairperson
2. Prof. Alka Golani
3. Dr. Neelam Mulchandani
4. Prof. Madhuri Budhrani



# Library

Each living organism was affected by the Pandemic of COVID - 19. The library was also not spared and all the services were paralyzed. However, with all the prescribed precautions and directions by the Government, Library Staff attended the its duties. Extended maximum possible services to each one who approached the library on their own wish. Home lending of books and a Book-Bank facility were provided to all stakeholders at their request. Book-Bank scheme application process was completed by Library Staff with the facility given by the Institute that is 'Work From Home.'

The Government of Maharashtra launched the scheme under the title "Career Katta" to guide and help students for Competitive exams and establish business thus become an Entrepreneur. As the Coordinator for the College for this scheme, 'Competitive Exam Centre' was established in the College under the guidance of I/c Principal Dr. Geetha Menon.

Quantitative Collection Development for The Year:-

Sr. No.	Particulars	Quantity	Value
1.	Books	98	30,832.00
2.	Gifted Donated Books	40	7,907.00
3.	Bound Volumes	303	1,48,635.00
4.	Text Books for unaided section	260	45,590.00
	Total	701	2,32,964.00



## LIBRARY COMMITTEE

1. Dr. Neeta D. Gundawar (Librarian) (Convenor)
2. Prof. Naresh Bhatia (Member)
3. Prof. Sangeeta Mankani (Member)
4. Dr. Rupali Mokashi (Member)
5. Dr. Sunila Pillai (Member)



# मराठी वाङ्मय मंडळ

सेवा सदन संस्थेच्या आर. के. तलरेजा महाविद्यालयाचे मराठी वाङ्मय मंडळ सातत्याने नवनवीन उपक्रम राबवत असते. जगभरामध्ये २०२०-२१ या वर्षात 'कोविड १९' च्या साथीच्या रोगाने थैमान घातलेले असल्यामुळे हे शैक्षणिक वर्ष अनेक अर्थानी आव्हानात्मक वर्ष होते. ऑनलाईन पद्धतीने सुरू करण्यात आलेल्या शिक्षणपद्धतीमुळे अध्ययन-अध्यापन आणि मूल्यमापन या प्रक्रियांच्या संदर्भात उपस्थित झालेले प्रश्न आणि त्या प्रश्नांच्या निराकरणासाठी विविध मार्ग शोधण्याचे अविरत प्रयत्न यांनी हे वर्ष गजबजलेले होते. अध्ययन-अध्यापनाच्या बरोबरीने विद्यार्थ्यांच्या सुप्त कलागुणांना अवकाश उपलब्ध करून देण्यासाठी राबविण्यात येणारे विविध उपक्रम ऑनलाईन पद्धतीने घेणे हेही मोठेच आव्हान होते. हे आव्हान पेलण्याचा निर्धार करीत मराठी वाङ्मय मंडळाने ऑनलाईन पद्धतीने स्पर्धा आणि कार्यक्रमाची आखणी केली.

मराठी वाङ्मय मंडळाने दिनांक २७ फेब्रुवारी २०२१ रोजी 'मराठी राजभाषा दिना'चे औचित्य साधून 'जागर 'ज्ञानपीठ' पुरस्कारप्राप्त मराठी लेखककवींच्या साहित्याचा...' या विषयावर कार्यक्रम आयोजित केला. सदर कार्यक्रमात 'ज्ञानपीठ' पुरस्कार प्राप्त लेखक व कवी यांच्या विविध साहित्यप्रकारातील निवडक साहित्याचा परिचय प्राध्यापक व विद्यार्थी यांनी करून दिला. कार्यक्रमाची सुरुवात प्रा. मेहेत्रे यांनी गायलेल्या सुरेश भट यांच्या 'लाभले आम्हास भाग्य बोलतो मराठी' या गीताने झाली. मराठी विभागप्रमुख आणि मराठी वाङ्मय मंडळाच्या अध्यक्ष डॉ. शीतल पावसकर-भोसले यांनी कार्यक्रमाचे सूत्रसंचालन करताना भारतीय भाषांमध्ये ज्ञानपीठ पुरस्कार मिळालेल्या लेखकांच्या अनेक साहित्यकृतींचा कार्यक्रमाच्या प्रारंभी नेमका आढावा घेतला आणि 'मराठी राजभाषा दिन' कार्यक्रम साजरा करण्यामागील भूमिका विशद केली. प्रभारी प्राचार्य डॉ. गीता मेनन यांनी आपले मनोगत मराठी भाषेत व्यक्त केले. त्यांनी आपले मनोगत व्यक्त करताना, 'मराठी भाषा ही महत्त्वाची आहे ती सर्वांना आली पाहिजे. आपल्या भाषेतून आपले विचार चांगल्या पद्धतीने मांडता येतात. प्रत्येकाने आपल्या भाषेचा अभिमान बाळगला पाहिजे.' असे सांगून शुभेच्छा दिल्या. उपप्राचार्य प्रा. नीलम कपूर यांनी मराठी भाषेत आपले मनोगत मांडले. "मराठी भाषा आपल्या 'राज्याची राजभाषा' आहे. मराठी भाषा राज्यात राहणाऱ्या सर्वांना आली पाहिजे. मराठी भाषा आपण सुंदर व समृद्ध करू', असे आश्वासन देत विद्यार्थ्यांना मार्गदर्शन केले. सदर कार्यक्रमात ज्ञानपीठ पुरस्कारप्राप्त लेखक व कवी वि. स. खांडेकर, वि. वा. शिरवाडकर, विंदा करंदीकर आणि भालचंद्र नेमाडे यांच्या साहित्याचा परिचय अनुक्रमे हर्षाली शिराळे, स्मिता बडगुजर, रंजना सावंत आणि अनिकेत महाशब्दे या विद्यार्थ्यांनी करून दिला.

सेवा सदनचे आर. के. तलरेजा महाविद्यालय  
मराठी वाङ्मय मंडळ २०२०-२१

**मराठी राजभाषा दिन**

जागर 'ज्ञानपीठ' पुरस्कारप्राप्त  
मराठी लेखककवींच्या साहित्याचा...

( सादरकर्ते - प्राध्यापक आणि विद्यार्थी )

दिनांक: २७ फेब्रुवारी २०२१ वेळ: संध्याकाळी ठीक ४ वाजता

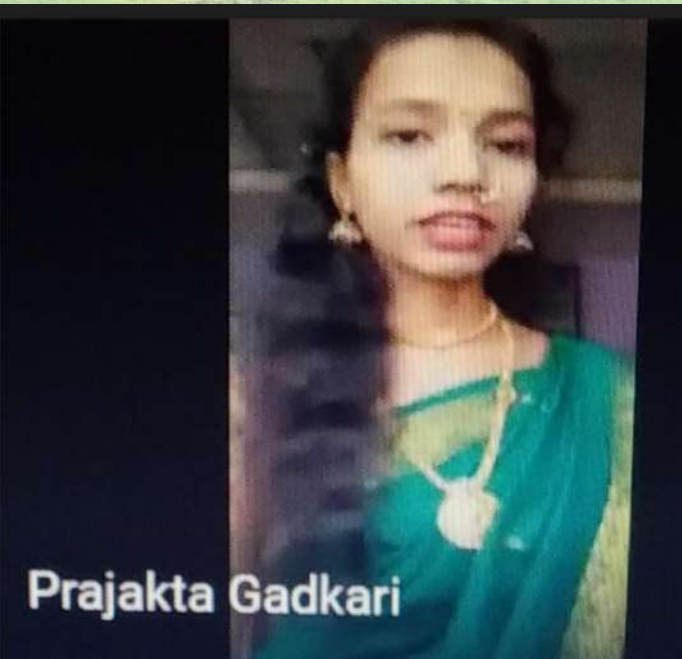
स्थळ: गुगल मीट

डॉ. गीता मेनन  
प्रभारी प्राचार्य

डॉ. शीतल पावसकर - भोसले  
अध्यक्ष, म.वा. मंडळ



प्रा. शीतल गाणार यांनी 'जगावं की मरावं' हा 'नटसम्राट' नाटकातील प्रवेश सादर केला. प्रियांका तिवारी (प्रेम म्हणजे.....: कुसुमाग्रज), प्राजक्ता गडकरी (प्रेम कुणावर करावं :कुसुमाग्रज) प्रा. कुलदीप म्हात्रे (साठीचा गझल: विंदा करंदीकर) यांनी प्रेमजाणिवेतील विविध भाव व्यक्त करणाऱ्या कवितांचे प्रभावी सादरीकरण केले. दिव्या साठे (बकी: विंदा करंदीकर), डॉ. मंजुश्री डोळे (ज्योतिराव: कुसुमाग्रज), गायत्री सुपेकर (देणाऱ्याने देत जावे: विंदा करंदीकर), हेमलता पवार (माझ्या मना बन दगड: विंदा करंदीकर) यांनी सामाजिक अंतर्विरोधावर प्रहार करणाऱ्या कविता सादर केल्या. रंजना सावंत (भारतीय स्त्रियांसाठी स्थानगीत: विंदा करंदीकर), डॉ. प्रवीण बोरकर (झपताल: विंदा करंदीकर) डॉ. माधवी निकम (कशा रांगोळ्या काढता..: भालचंद्र नेमाडे) यांनी पतिपत्नी यांच्या सहजीवनावर भाष्य करणाऱ्या कविता सादर केल्या. प्रा. शीतल गाणार (आगगाडी आणि जमीन : कुसुमाग्रज) प्रा. सीमा सिंदगीकर ('गाभारा' : कुसुमाग्रज), प्रा. आश्विनी पेंडसे (विशेषण : कुसुमाग्रज), प्रा. सुजू गुजर यांनी (कलोजस: कुसुमाग्रज), डॉ. मीना राव (सकाळपासून रात्रीपर्यंत तेच ते: विंदा करंदीकर), डॉ. रूपाली मोकाशी (झोपेन माताजी : कुसुमाग्रज) आदी प्राध्यापकांनी राजकीय आणि सामाजिक जाणिवे व्यक्त करणाऱ्या कविता साभिनय प्रस्तुत केल्या. प्रा. डॉ. शीतल पावसकर-भोसले (कोसला) प्रा. डॉ. प्राजक्ता शित्रे (ययाती) आणि ओंकार औटे (हिंदू) यांनी ज्ञानपीठ पुरस्कारप्राप्त लेखकांच्या निवडक कादंबऱ्यांमधील उताऱ्यांचे तर कादंबरी पालवे या विद्यार्थिनीने वि. स. खांडेकर यांच्या 'बाहुली' कथेतील उताऱ्यांचे प्रभावी अभिवाचन केले. सुप्रसिद्ध गायिका पद्मजा फेणाणी - जोगळेकर यांच्या सुमधुर आवाजातील 'सर्वस्व तुजला वाहुनी माझ्या घरी मी पाहुणी' (विंदांची कविता) या ध्वनिमुद्रित गीताने कार्यक्रम वेगळ्या उंचीवर पोहोचवला तर 'संगीत पट-वर्धन' या नाटकातील गोविंदराव टेंबे यांचे 'तारिणी नववसनधारिणी' हे नाट्यगीत सोजी मॅथ्यू यांनी गायल्यामुळे कार्यक्रमाची रंगत अजून वाढली.





कोविड १९ च्या संक्रमणकाळात आभासी पद्धतीने घेतलेल्या या कार्यक्रमाला प्रभारी प्राचार्य डॉ. गीता मेनन आणि उपप्राचार्य प्रा. नीलम कपूर उपस्थित होत्या. महाविद्यालयातील कनिष्ठ आणि वरिष्ठ विभागातील विविध शाखांमधील वीस प्राध्यापक आणि बावन्न विद्यार्थ्यांनी सक्रिय सहभाग घेत कार्यक्रमाला उत्स्फूर्त दाद दिली. कार्यक्रमाच्या शेवटी प्रा. शीतल गाणार यांनी उपस्थितांचे आभार मानले.

विद्यार्थ्यांमध्ये प्रमाण लेखनाच्या संदर्भात जागरूकता निर्माण करण्याच्या उद्देशाने दिनांक ३१ मार्च २०२१ रोजी शुद्धलेखन स्पर्धेचे तर दिनांक ३ एप्रिल २०२१ रोजी हस्ताक्षर स्पर्धेचे आयोजन करण्यात आले होते. या दोन्ही स्पर्धांमध्ये विद्यार्थ्यांनी घेतलेला सहभाग आनंददायी होता.

प्रा. सीमा सिंदगीकर, प्रा. डॉ. प्राजक्ता शित्रे, प्रा. कुलदीप म्हात्रे, प्रा. जितेंद्र पाटील या म.वा. मंडळातील सभासदांच्या सहकार्याने आणि प्रा. शीतल गाणार व विद्यार्थी यांच्या सोबतीने या वर्षातील आव्हानांना भिडण्याचा केलेला प्रामाणिक प्रयत्न ही सकारात्मक बाब आहे, असे म्हणता येईल.



### मराठी वाङ्मय मंडळ कमिटी

- १ . डॉ शीतल पावसकर - भोसले (अध्यक्ष)
२. डॉ. प्राजक्ता शित्रे
३. प्रा. सीमा सिंदगीकर
४. प्रा. जितेंद्र पाटील
५. प्रा कुलदीप म्हात्रे



# मराठी भाषा संवर्धन पंधरवडा

दिनांक १ जानेवारी ते १५ जानेवारी हा कालावधी शासन निर्णय क्र. मभादि -२०१२/१८३/प्र.क्र.६१ /भाषा -२, दि.१२.०४.२०१३ नुसार 'मराठी भाषा संवर्धन पंधरवडा' म्हणून साजरा करण्यात येतो. मराठी भाषा संवर्धन पंधरवड्यांतर्गत संपन्न होणाऱ्या कार्यक्रमांची आखणी डिसेंबर २०२० मध्ये करण्यात आली. वास्तविक पाहता, सेवा सदनच्या आर. के. तलरेजा महाविद्यालयात दरवर्षी हा कार्यक्रम अत्यंत जल्लोषात साजरा केला जातो. या वर्षी कोरोना महामारीचा प्रादुर्भाव असल्यामुळे ऑफलाईन पद्धतीने 'मराठी भाषा संवर्धन पंधरवडा' साजरा करण्यात आला. या कालावधीत विद्यार्थ्यांच्या विविध कलागुणांना वाव मिळावा यासाठी विविध स्पर्धा आणि कार्यशाळांचे आयोजन करण्यात आले होते. १ आणि २ जानेवारीचे नियोजित कार्यक्रम यशस्वीरित्या पार पडल्यानंतर समाजमाध्यमावर कालावधीबदलाचा शासन निर्णय (शासन निर्णय क्र. मभापं -२०१९ /प्र.क्र.१११ / भाषा -२, दि. १८.०९.२०२०) पाहिला. स्वाभाविकच, नव्या शासननिर्णयाला अनुसरून पुढील सर्व कार्यक्रम १४ जानेवारी ते २८ जानेवारी या कालावधीत घेण्यात आले.

**१ जानेवारी - घोषवाक्य स्पर्धा** - या स्पर्धेत विद्यार्थ्यांनी 'स्त्रीपुरुष समानता' आणि 'शेतकरी आंदोलन' या विषयांवर प्रत्येकी १ घोषवाक्य लिहिणे अभिप्रेत होते. या स्पर्धेत विविध अभ्यासशाखांमधील १८ स्पर्धक सहभागी झाले होते.

**२ जानेवारी - स्वरचित काव्यलेखन स्पर्धा**- विद्यार्थ्यांच्या सर्जनशीलतेला वाव मिळवून देण्याच्या उद्देशाने या स्पर्धेचे आयोजन करण्यात आले होते. या स्पर्धेलाही विद्यार्थ्यांचा अतिशय चांगला प्रतिसाद मिळाला असून २४ स्पर्धकांनी सहभाग नोंदवीत स्वतःच्या निर्मितीशीलतेला अवकाश उपलब्ध करून दिला.

**१४ जानेवारी - निबंधलेखन स्पर्धा** - विद्यार्थ्यांच्या स्वतंत्र विचारांना वाव मिळवून देणे, त्यांचे समाजभान विकसित करणे आणि त्यांच्यातील भाषिक क्षमता तपासून पाहण्याची संधी उपलब्ध करून देणे ही उद्दिष्टे या स्पर्धेच्या आयोजनाच्या मुळाशी कृतिशील होती.

निबंधस्पर्धेचे विषय -

१. ऑनलाईन शिक्षण : फायदे आणि तोटे
२. शेतकरी आंदोलनांची गरज
३. सायबर गुन्हांचे वाढते प्रमाण
४. स्त्रियांवरील सामूहिक बलात्कार : एक भीषण वास्तव
५. माझा आवडता चित्रपट (कोणत्याही भाषेतील)

या स्पर्धेला विद्यार्थ्यांकडून प्रचंड प्रतिसाद मिळाला. सदर स्पर्धेत महाविद्यालयातील विविध शाखांतील १८ विद्यार्थ्यांनी सहभाग घेतला.

**१५ जानेवारी** ला **कवितेवरून चित्र काढणे** या स्पर्धेचे आयोजन करण्यात आले होते. स्पर्धकांच्या व्हाट्सअॅप गटावर '**आषाढीला येते**' ही कविता पाठविण्यात आली होती. सदर स्पर्धेचे स्वरूप वेगळे असल्यामुळे चार विद्यार्थ्यांनी स्पर्धेत सहभाग घेतला. शब्दांच्या माध्यमातून साकारलेल्या निर्मितीला कुंचल्याच्या माध्यमातून भिडण्याचा विद्यार्थ्यांचा प्रयत्न वाखाणण्याजोगा होता.



# कवितेवरून चित्र काढणे





**१६ जानेवारी - 'मैत्री बोलींशी'** या स्पर्धात्मक उपक्रमाचे आयोजन करण्यात आले होते. प्रमाण भाषेच्या बरोबरीने बोलीभाषेचे मानवी संस्कृतीतील स्थान अधोरेखित व्हावे हा या उपक्रमामागील मुख्य उद्देश होता. विद्यार्थ्यांनी कोणत्याही बोलीतील २५ शब्द आणि त्यांचा अर्थ लिहून पाठविणे अभिप्रेत होते. या उपक्रमाच्या माध्यमातून १५ विद्यार्थ्यांनी अहिराणी, मालवणी, बंजारा, सोलापुरी अशा विविध बोलींशी मैत्र निर्माण करण्याचा प्रयत्न केला.

**१८ जानेवारी - कवितालेखन आणि सादरीकरण कार्यशाळा** - कवितेची निर्मितीप्रक्रिया आणि कवितेचे प्रभावी सादरीकरण ही दोन महत्त्वाची सूत्रे कार्यशाळेच्या केंद्रस्थानी होती. कवयित्री ज्योती भारती यांनी अत्यंत रसाळ पद्धतीने ही प्रक्रिया विद्यार्थ्यांसमोर उलगडून दाखवली. तसेच काही कवितांचे सादरीकरण करून आदर्श कवितासादरीकरणाचा वस्तुपाठ विद्यार्थ्यांसमोर ठेवला.

**२५ जानेवारी - वेषभूषा स्पर्धा** - वेषभूषा हा कोणत्याही संस्कृतीतील एक महत्त्वाचा घटक असतो. मराठी संस्कृती अधोरेखित करण्याच्या हेतूने या स्पर्धेचे आयोजन करण्यात आले होते. भारतीय संस्कृतीतील महत्त्वाच्या स्त्रियांचे जीवनध्येय हा बहुतांश स्त्रियांच्या वेशभूषेचा महत्त्वाचा विषय ठरला. जिजामाता, सावित्रीबाई फुले, आनंदीबाई जोशी, बहिणाबाई चौधरी सिंधुताई सपकाळ यांच्या वेशभूषेसह त्यांच्या प्रेरणादायी व्यक्तिमत्त्वाचा परिचय करून देणारे व्हिडिओज विद्यार्थ्यांनी पाठविले होते.





**२७ जानेवारी - नाट्यवाचन कार्यशाळा** - लेखनाप्रमाणेच 'वाचन' हे सुद्धा एक भाषिक कौशल्य आहे. या कौशल्याचा परिचय विद्यार्थ्यांना व्हावा या हेतूने या कार्यशाळेचे आयोजन करण्यात आले होते. प्रा. शीतल गाणार यांनी विविध नाट्यप्रवेशांचे, स्वगतांचे वाचन केले. विद्यार्थ्यांचा या उपक्रमाला भरभरून प्रतिसाद मिळाला.

**२८ जानेवारी - काव्यवाचन** - डॉ. मीना राव, प्रा. जितेंद्र पाटील (वनस्पतीशास्त्र विभाग), प्रा. सीमा सिंदगीकर (मानसशास्त्र विभाग), डॉ. शीतल पावसकर -भोसले, डॉ. प्राजक्ता शित्रे (मराठी विभाग) या प्राध्यापकांनी आणि विविध शाखेतील विद्यार्थ्यांनी मराठीतील अनेक महत्त्वाच्या कवितांचे वाचन आणि सादरीकरण केले. मराठी भाषा आणि मराठी साहित्य यांच्या संदर्भात विद्यार्थ्यांमध्ये गोडी निर्माण व्हावी या हेतूने आयोजित करण्यात आलेल्या या कार्यक्रमाला विद्यार्थ्यांनी भरभरून प्रतिसाद दिला.



मराठी भाषा संवर्धन पंधरवड्यानिमित्त आयोजित करण्यात आलेल्या या विविधरंगी कार्यक्रमात मराठी भाषिक विद्यार्थ्यांच्या बरोबरीने अमराठी विद्यार्थीही सहभागी झाले होते. एक अत्यंत महत्त्वाची बाब म्हणजे कलाशाखेतील विद्यार्थ्यांच्या बरोबरीने वाणिज्य आणि विज्ञान शाखेतील विद्यार्थ्यांनीही या सर्व उपक्रमांमध्ये सक्रिय सहभाग नोंदविला. अशारीतीने कोरोनासारख्या परिस्थितीने निर्माण केलेल्या आव्हानांचा समर्थपणे सामना करत गुणात्मक उपक्रमांचे आयोजन करीत 'मराठी भाषा संवर्धन पंधरवडा' अतिशय उत्साहात साजरा केला.



# Research Cell

## **Orientation Programme on “Research Arenas to Undergraduates”:-**

A Webinar was conducted by the Undergraduate Research Cell on 9th March 2021 on Zoom between 4:00-5:30 PM. This session was chaired by I/c Principal Dr. Geetha Menon and the Convenor was Dr. Ranjana Khade. Following Resource persons were invited for the Webinar:

Dr. Ranjana Khade : Research in Science

Dr. Rupali Mokashi : Research in History

Prof. Bharat Khatri : Research in Commerce

Prof. Madhumanti Dasgupta: Research in Languages

The Technical Coordinators for this Programme were:

Prof. Subhash Gaded

Prof. Bharat Khatri

Prof. Jitendra Patil

The objective of this Workshop was to create Interest, Atmosphere, Awareness and Opportunities in Research and Development among the students. In addition to this, it was also to nurture Research Culture in the Undergraduate student by encouraging Research in newly Emerging and Challenging areas and Multidisciplinary fields. Over 100 participants benefited from this Workshop. Students were informed about the importance of Research and introduced to action research and its process and importance. Students interacted with Undergraduate Research Cell Members and gained knowledge about different topics of Research in Science.

## **Mentoring Students for Conference/Seminar/Research meet/University**

### **Avishkar:-**

A Conference/Research Meet was conducted by the Undergraduate Research Cell from 24th to 26th March 2021. Following are the details of the Student participants:

1. Nishad Sanjay Supugade and Dnyaneshwari Deepak More

Presented paper titled “Work Distribution: Way To Happy Family” at "Anveshan 2021", Annual Inter-Collegiate Student Research paper Competition, Organised by Maniben Nanavati Women’s College on 25th March 2021 (won the first prize (Rs.5000/-)

2. 4 papers were presented at International Conference on Fundamental and Applied Sciences (ICFAS 2021) from 24th to 26th March 2021 by the following students:



Sr. No.	Presenting student/ group	Class	Mentor
1	Aniket.S.Salunkhe, Sudha.S.Mahajan, Sakshi.M.Sawardekar	TY BSc	Dr. Ranjana Khade
2	Ashish Franklin and Juventa Lobo	S.Y B Sc	Parimita Sharma
3	Shraddha Rai	M. Sc I (Zoology)	Parimita Sharma and Kuldeep Mhatre
4	Shraddha D Chandane	M. Sc II (Microbiology)	Ranjana Khade

Total 25 Project proposals were submitted at District level in 5 different categories with 3 different levels comprising 46 students [UG (24 students), PG (17 Students) and PPG (5 Students)]. Among them, 8 Project proposals were selected for the final presentation round . Out of which 2 projects by Ms Saili Chabuskar (PG) and Ms Renu Jaisinghani (PPG) from Microbiology Dept. and Mentored by Dr Rohini Patil were placed at the First rank , while Ms. Arya Mane from Botany Dept., was awarded with Second rank and was guided by Dr. Geetha Menon.

## Winners



**Saili Chabuskar**  
**First Rank (PG)**  
**(Dept of Microbiology)**



**Renu Jaisinghani**  
**First Rank (PPG)**  
**(Dept of Microbiology)**



**Arya Mane**  
**Second Rank (PPG)**  
**(Dept of Botany)**

Total points scored by College were 8. College was awarded as **Overall Champion in Zone in Thane district** including Navi Mumbai (Zone III) and also declared as **Overall Champion in Agriculture and Animal Husbandry category**. The College scored **4th Position** at the University Avishkar 2020-21.



## International Webinar “RESEARCH CONVENTION: A PATH TOWARDS SUCCESS” :-

A Webinar was conducted by the Undergraduate Research Cell and Research Development Committee on 20th February 2021 between 10 am to 1 pm. This session was chaired by/c Principal Dr. Geetha Menon and the Convenor was Dr. Rohini Patil and Dr. Ranjana Khade. 3 Eminent Speakers - 2 from India and 1 from Australia graced the session with their presence to educate the audience. The details of the speakers were as follows:

**Dr. Kalpana Agnihotri** [Research Avenues for Students]

Principal Scientist, Biosecurity Science Laboratory, Queensland Government, Australia.

**Dr. P.U. Krishnaraj** [Research Funding Opportunities]

Prof and Head, University of Agricultural Sciences, Dharwad, India.

**Dr. Avani Shah** [Emerging Research areas in Commerce and Finance]

Asst. Prof. Institute of Commerce, Nirma University, Gujarat, India.

**Sadan's R K Talreja College of Arts, Science and Commerce, Ulhasnagar**  
Affiliated to Mumbai University, Maharashtra, India.  
Research Development Cell and Undergraduate Research cell  
Jointly Organizes an Online International webinar on

**RESEARCH CONVENTION: A PATH TOWARDS SUCCESS**  
20<sup>th</sup> February 2021      Time: 10am      Platform: Zoom

Register before 18<sup>th</sup> February 2021      Free Registration

**RESOURCE PERSONS**

- Research Avenues for Students**  
**Dr. Kalpana Agnihotri**  
Principal Scientist,  
Biosecurity Science Laboratory,  
Queensland Government, Australia.
- Research Funding Opportunities**  
**Dr. P.U. Krishnaraj**  
Prof and Head,  
University of Agricultural Sciences,  
Dharwad, India.
- Emerging Research areas in  
Commerce and Finance**  
**Dr. Avani Shah**  
Assist. Prof. Institute of Commerce  
Nirma University, Gujrat, India.

**ORGANIZING COMMITTEE**

- Mr. Sanjay Dabral**  
Secretary,  
Seva Sadan's Trust
- Dr. Geetha Menon**  
I/C Principal
- Mrs. Neelam Kapoor**  
Vice Principal
- Dr. Rohini Patil**  
Convenor,  
Research Development cell
- Dr. Ranjana Khade**  
Convenor,  
UG Research cell

NOTE: Event details and link for joining will be communicated via telegram group. E-certificate will be provided to those who register and attend the webinar.

The list of Program Coordinators is as follows:

Dr. Rupali Mokashi, Prof.Sunil Jagiasi, Prof. Subhash Gaded, Prof. Bharat Khatri, Prof. Jitendra Patil, Prof.Madhumanti Dasgupta, and Nishad Supugade (Student Member)

The objective of this Workshop was to develop a Research attitude and motivate students to perform research. It was also intended to inculcate problem-solving skills and enhance critical thinking through research while providing information about research funding agencies. Over 500 participants benefited from this Webinar and young minds would be stimulated to perceive meaningful research.



### RESEARCH CELL COMMITTEE

1. Dr. Geetha Menon - Chairperson
2. Dr. Rohini Patil - Convenor
3. Dr. Santosh Motwani



An aerial photograph of a vast, rolling landscape covered in vibrant green fields. A dark, winding river or stream flows through the center of the terrain, creating a natural path through the hills. The lighting is bright, highlighting the textures and varying shades of green across the landscape.

# DEPARTMENTAL REPORTS



# Department of Physics

Students can constantly find new opportunities in the field of sciences. The Department of Physics is a fantastic collection of students and lecturers that work hard to bring practical physics to life. The students are given both theoretical and practical information.

1. The Department of Physics organised a **Webinar on Guidance about Entrance Exams After graduation in Physics** on 4th June 2020 at 11 am. **Mr. Atar Singh**, MSc, IIT Roorkee, CSIR-JRF, GATE (12th, 19th), JEST, BARC, was invited as a Resource person.

1717 students including Teachers from various colleges all over India registered for the session and 886 participants attended the session.

YouTube Link - [https://youtu.be/MXKK\\_IJAzKE](https://youtu.be/MXKK_IJAzKE)



**Mr. Atar Singh taking session on guidance about entrance exams after graduation in Physics**

2. **A Parent Teacher meeting** was organised on 4th December 2020 for FYBSc students, which was attended by 7 students with their parents. All the queries of parents and students were answered. Students were encouraged to attend lectures and Practicals.

3. Physics Department and Science Association organised a **Powerpoint presentation Competition** to Celebrate "Science Day" on 28th February 2021 .

Topic : Scientists and his/her Research (1950 onwards)

Chairperson - Mrs. Neelam Kapoor

Convener - Mrs. Sangeeta Mankani

Co-Convener - Mrs. Mamta Pathai



**First Round** - Selection and shortlisting of the PPT from 67 entries received on the basis of content, understanding, designing and as per instruction given to make ppt by Physics Department Teachers on 8th May 2021. Thirteen students qualified for the First round. And for the Final round - two Judges (Physics Dept. Alumni) were invited to Judge and select the winners from the First round qualifiers on the basis of online presentation, understanding and delivery of the content covered in their ppt on 12th March 2021 at 4 pm.

Judges:

Dr. Geeta Nair (Somaiya College)

Prof. Mandar Vidwans (Royal College)

**List of Winners:-**

First prize - Anuja Belure

Second prize - Priya Arsan

Third prize /Consolation - Shweta Mayurya

After declaration of the prizes both the judges addressed the audience.

**4. Handing over E-Waste to EcoReco Eco Recycling Ltd.:-**

E-waste was collected from Students, Teachers and various departments during 2019-20 but due to COVID-19 Lockdown it could not be handed over to Eco Recycling Ltd. This year E-waste was collected from the office and was handed over to EcoReco Eco Recycling Ltd on 3rd March 2021. Department received a certificate from the EcoReco Eco Recycling Ltd.







## E-Waste Collection

5. Department of Physics in association with Career Guidance and Placement Cell organised a **Workshop on "Digital Transformation"** by **Mr. Amit Rai**, Managing Director of Ruhh Robotics on 19th March 2021 from 3 to 6 pm.  
 Convenor : Mrs Neelam Kapoor  
 Co-ordinator: Mrs Sangeeta Mankani  
 107 students including Teachers from various Colleges attended the session.

SEVA SADAN'S  
**R.K.TALERJA COLLEGE**  
 Of Arts, Science & Commerce  
 Career guidance & Students Placement cell  
 With  
 Department of physics  
 Organizes

**WORKSHOP**  
 On Digital Transformation

By :-

Free  
 Registration



**Amit Rai**  
 Managing director at RUHH ROBOTICS  
 on 19th March 2021  
 3PM To 6PM

**At zoom Platform**

Registration link :- <https://forms.gle/12D10agJPFQdMKA>  
 Telegram link :- <https://t.me/ruhhrobotics>

*Students from all Colleges are welcome..*

**Faculty: Prof. Neelam Kapoor (HOD), Prof. S. P. Deshpande, Prof. S. V. Lalla, Prof. Sangeeta Mankani, Prof. Richa Badlani**



# Department of Zoology

The Department of Zoology runs courses from undergraduate to postgraduate classes with Oceanography and fishery technology as specialization. The department has four approved full-time faculties. The department actively involves research guidance to the post-graduate students and projects and assignments to undergraduate students. The vast animal life comes alive in the classroom and the students are taken on trips that allow them to observe the animals and how they live. Many useful techniques are used to teach them this interesting subject.

At the beginning of the academic year, the department conducted an Orientation Program for newly admitted students to the degree program to inform them about the scope of the subject. Students were informed and guided regarding the syllabus, examination pattern, rules of ATKT, courses available after the degree program and careers in Zoology.

## **National Webinar on “Role of Youth in Environmental Conservation”:-**

The Nature Club and the Department of Zoology organised a National Webinar on “Role of Youth in Environmental Conservation” on 16th March 2021. This session was chaired by I/c Principal Dr. Geetha Menon and the Convenor was Dr. Shanta Janyani and Prof. Parimita Sharma (Co-convenor). The Speaker for the event was Dr. Parvish Pandya, Director : Science & Conservation and Former Vice-Principal of Bhavan’s College.

Mr. Sunil Jagiasi, Dr. Ajai Singh, Mr. Jitendra Patil, Mr. Kuldeep Mhatre Co-ordinated the entire event with utmost efficiency and free of any technical issues. Following is a list of the student members who attended the event:

- Payal Chavhan - President
- Anjali Gond - Vice-President
- Shraddha Rai - Secretary
- Monali Sonawane - Treasurer
- Divya Singh
- Bhoomika Khapare
- Ashish Franklin
- Harsh Khapekar
- Nishad Supugade



The screenshot shows a Zoom meeting interface with a central poster for a national webinar. The poster is for Seva Sadan's Ramchand Kimatram Talreja College of Arts, Science and Commerce, Ulhasnagar 3. It is presented by the Department of Zoology in association with Nature Club. The webinar title is "Role of Youth in Environmental Conservation" and is scheduled for Tuesday, 16th March 2021 at 4:30 PM. The speaker is Dr. Parvish Pandya, Director - Science & Conservation, Former Vice-Principal Bhavan's College. The poster also lists several other roles: Patron (Shri. Sanjay Dabral, Secretary, Seva Sadan's Trust), Chairperson (Dr. Geetha Menon, I/C Principal), Co-chairperson (Prof. Neelam Kapoor, Vice Principal), Convenor (Dr. Shanta Janyani, HOD, Zoology), Co-convenor (Prof. Parimita Sharma, Convenor, Nature club), and Programme coordinators (Prof. Sunil Jagiasi, Dr. Ajai Singh, Prof. Jitendra Patil, Prof. Kuldeep Mhatre). There are two small video thumbnails on the poster: one of the speaker on the left and one of a participant on the right.

The 4-fold Objectives of this Webinar were:-

1. To create awareness about the concept of conservation of Nature.
2. To develop action-oriented strategies for the conservation of flora and fauna in nature.
3. To persuade youth's involvement for a greener future.
4. To appraise the concerned local authorities about the problems and their solutions for the conservation of nature

About 170 Students, Faculties (Teaching and support Staff) and the general public understood the importance of Environmental Conservation. The audience realised ways of participation in conservation at an individual level. Students interacted with experts from the field and gained knowledge about Nature Conservation. Young participants were motivated and encouraged to follow green practices.

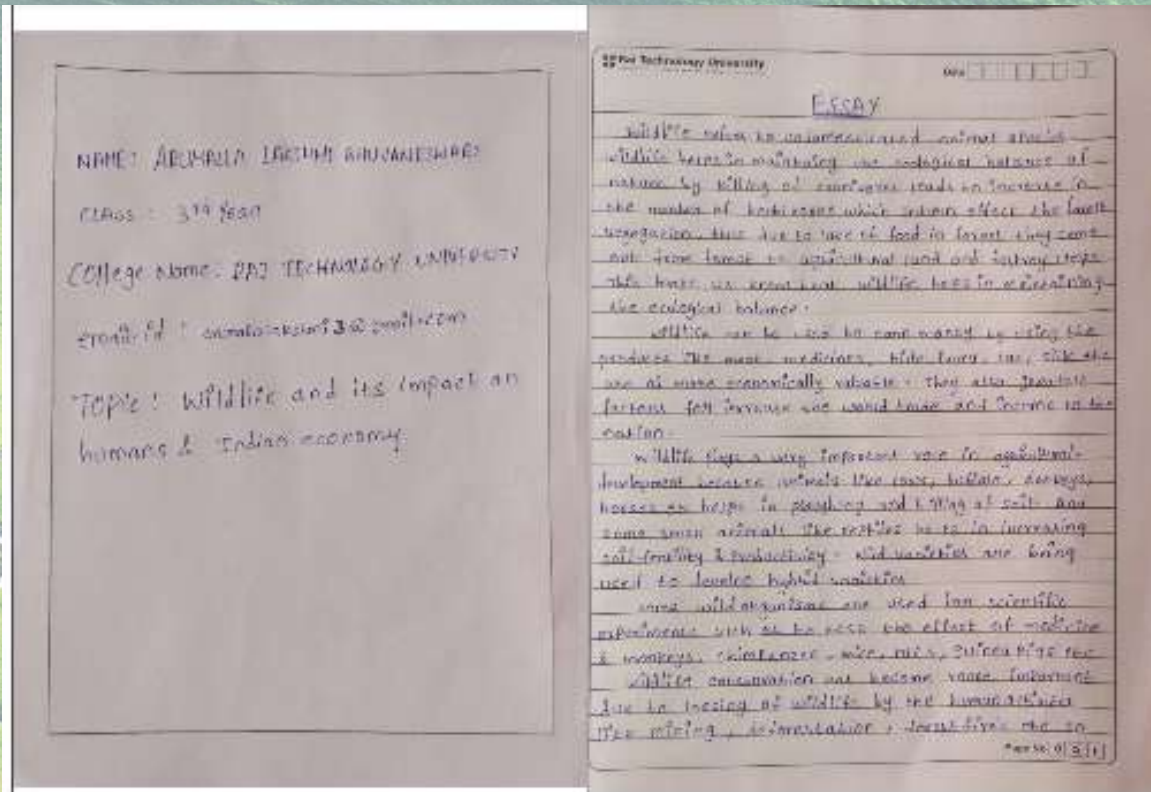
### Intercollegiate Essay Writing Competition :-

On the occasion of " International Tiger Day " the Department organised an Intercollegiate Essay Writing Competition on the Topic: Wildlife and its Impact on Humans and Indian Economy. This was conducted on 20th March 2021. This session was chaired by I/c Principal Dr. Geetha Menon and the Convenor was Dr. Shanta Janyani and Prof. Parimita Sharma (Co-convenor). Dr. Ajai Singh and Mr. Kuldeep Mhatre co-ordinated the entire event. The Themes of this Competition are as follows:

- Wildlife of India and World.
- Strategies and Methods for Wildlife Conservation
- Wildlife and Bioprospecting
- Role of Humans in Wildlife Conservation
- Challenges in Wildlife Conservation and Project Tiger
- Tiger's Role in Ecosystem balance
- Skill Opportunities in Wildlife and Conservation




The objectives of this event were to create awareness about the role of Tigers in the food chain and implement steps to conserve Tiger population in the ecosystem and to sensitise and motivate young minds regarding Indian Wildlife and its importance. More than 25 participants had expressed an increased interest in Wildlife and the Environment and a Science-society relationship. People were advised of policy initiatives that address environmental issues.



**Wildlife and its impact on humans & Indian Economy**

**TIGER'S ROLE IN ECOSYSTEM BALANCE**



Name: A.SURYA

Class: I M.Sc Mathematics

College: Kaanchi Marudavur Government Institute For Post Graduate Studies and Research

Mobile no: 8754387291

Mail Id: surya@2512@gmail.com

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Tiger habitats are usually located Asia's most important spring holes and their presence prevents the water supply in the region. By serving as the apex predator, tigers keep the population of herbivores in check, balancing the ecosystem. The presence of tigers in a forest is an indicator of the well-being of the forest ecosystem.

Tigers are great swimmers and fishers. They can control small fish populations. They eat large leaves with small seeds. They weigh 200 kg approx. One by a hundred years ago, over 1,00,000 tigers were alive. Their slight extinction has done harm to the rest of humans. For this reason, there are laws in place. The more the largest and apex predator in the world, as they have simply no predator of their own in the wild.

Tigers have been a prominent feature in the economy. We have to decide whether it keeps a balance in the ecosystem and that is to decide the level of ecological balance and how about that. In India, tigers in the forest of tiger will fight about 25% of the world population. Their reduction in the last 100 years, the government has taken the initiative to conserve and their conservation. While the government is already taking projects to conserve the tiger, there is something that we can do to help public to know about. Apart from tiger, tigers are found in other countries like Bangladesh, Cambodia, Thailand, Laos, China, Indonesia, Myanmar, Nepal, Malaysia, Saudi Arabia, Bhutan, etc.

Tiger is a symbol of wilderness and well-being of the ecosystem. By conserving and using tiger in the wilderness ecosystem is conserved. Education, having human beings and their awareness, not of the ecosystem is wild. There is something that we can do to help public to know about.

**Faculty: Dr. Shanta Janyani (HOD), Prof. Parimita Sharma, Dr. Ajay Singh, Prof. Kuldeep Mhatre**



# Department of Microbiology

Understanding microorganisms is equally important as understanding other beings. Our Department of Microbiology instils this in our students and the Department is growing from strength to strength with each passing year. The Department of Microbiology conducted the following programs for undergraduate and postgraduate students of Microbiology during the academic year 2020-21:

## WORKSHOP/ SEMINAR:-

- The Department had organised a Workshop on **“How to carry out Survey based Research”**. On 9th January 2021 for M Sc II (Microbiology) students. It was coordinated by Dr. Ranjana G Khade. 10 students participated in the same.
- The Department had organised a Workshop for MSc I (Microbiology) students on **“How to write Literature Review”** on 8th February 2021 which was Coordinated by Dr. Ranjana G Khade. 10 students participated in the same.
- Conducted a Seminar for UG and PG Microbiology students of the Department on **“How to present a Research Paper on an Online platform”** on 18th March 2021. 40 students participated.

## SCIENCE-RELATED ACTIVITY FOR STUDENTS:-

- Arranged interactive visual activity using Mentimeter on 28th February 2021 for all UG and PG Microbiology to express a view on Science in few words on the occasion of Science day to help students to mind mapping and concept mapping.
- Organised Digital Farewell function (TYBSc and M Sc II students) and Puzzle solving activity titled **“Microbiological worlds from Microbial world”** for UG and PG students of Dept of Microbiology on 3rd April 2021.

## MENTORING STUDENTS FOR CONFERENCE / SEMINAR / RESEARCH MEET/UNIVERSITY AVISHKAR

**15th University Avishkar Research Convention 2020-21:-** 28 students from Dept. of Microbiology (UG-14, PG-6 and PPG-4) participated with 3, 6 and 4 Research projects under UG, PG and PPG category. They were mentored by Dr. Rohini P Patil, Dr. Sunil R Jagiasi and Dr. Ranjana G Khade. Among 13 projects, 4 projects (4 PPG and 1PG category) were selected for the Final round. Out of 4 selected projects, two students were awarded First prize under the guidance of Dr. Rohini P Patil:

- Ms Saili Chabuskar** (PG level, Medicine and Pharmacy category) and
- Ms Renu Jaisinghani** (PPG level, Agriculture and Animal Husbandry category) mentored by Dr. Rohini P Patil.



- Nishad Sanjay Supugade and Dnyaneshwari Deepak More Presented a paper titled **“Work Distribution: Way To Happy Family”** at "Anveshan 2021", Annual Intercollegiate student Research paper Competition, organised by Maniben Nanavati Women’s College on 25th June 2021 and won the first prize (Rs.5000/-). This project was guided by Prof. Mridula Nair
- Following students from the Dept. presented a paper at the International Conference on **“Fundamental and Applied Sciences”** (ICFAS 2021) from 24th to 26th March, 2021.

Sr. No.	Presenting student group	Class	Mentor
1	Aniket. S. Salunkhe, Sudha. S. Mahajan, Sakshi. M. Sawardekar	TY BSc	Ranjana Khade
2	Shraddha D Chandane	M.Sc II (Microbiology)	Ranjana Khade

- On 23rd July 2021, Department of Microbiology organised an Online program for Felicitation of Winners of Avishkar Competition 2020. The Department had Organised a Workshop on **“How to carry out Survey based Research”** on 9th January 2021 for M Sc II (Microbiology) students. It was coordinated by Dr. Ranjana G Khade. 10 students participated in the same. Ms. Renu and Ms. Saili along with those selected for the Final round of presentation Mr. Omkar and Ms. Shweta motivated students for research and guided students for participation in the Avishkar on how to prepare and present proposals for Avishkar.



# Department of Mathematics

The teachers of the Department ensure that the subject which is considered very tough starts with care and proper support. We have a team of friendly teachers who ensure that the students study Maths in comfort and make a useful career in it.

The Department of Mathematics conducted various activities to build the confidence of students in solving different kinds of problems that helped them to overcome their fear about mathematics and to encourage students to participate in various competitive exams like Madhava Mathematics Competition, IIT-JAM, TIFR entrance exam for Integrated MSc/PhD.

## **National Level Webinar on CAREERS IN MATHEMATICS:-**

The Department of Mathematics conducted a National level Webinar on "CAREERS IN MATHEMATICS" on 6th June 2020. The objective of this Webinar was to make students aware of different Career opportunities in Mathematics after Graduation/Post Graduation.

The Resource person for this webinar was Mr. Mandar Bhanushe, Assistant Professor, I/C of Science and Technology IDOL, University of Mumbai. Efforts of the Organising Committee listed below has led to the successful fruition of the event:

- ☒ Chairperson -- Dr Geetha Menon, I/C Principal
- ☒ Convenor -- Manoj Narkhede, Assistant Prof. & HOD-Mathematics
- ☒ Organising Secretary - -Subhash Gaded, Assistant Professor
- ☒ Program Coordinator -- Nikita Chandwani, Assistant Professor

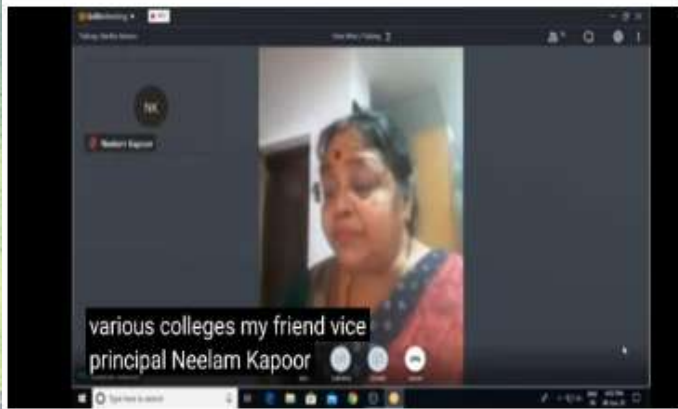
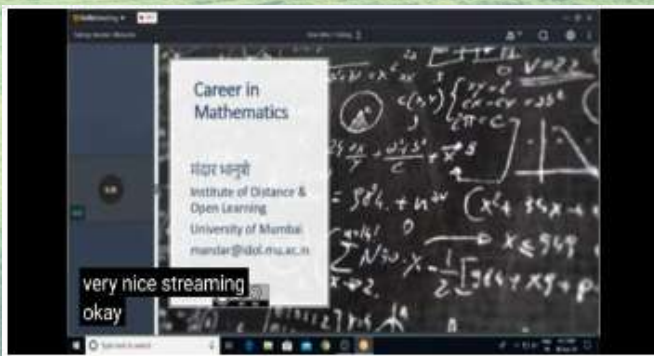
## Technical Team Members:-

Prof. Neelam Kapoor, Vice Principal and Head, Dept. of Physics  
CA. Bharat Khatri, Assistant Professor  
Prof. Kiran Gurbani, Head, Dept. of Computer Science  
Prof. Jitendra Patil, Assistant Professor

Total 2517 participants including Students and Teachers from colleges and schools in Maharashtra, Goa, Karnataka, Kerala, Tamil Nadu, Madhya Pradesh, Gujarat, Diu and Daman, Chhattisgarh, Uttar Pradesh, Bihar, West Bengal, Rajasthan, Meghalaya and Haryana had registered for Webinar.

Personality development of students got a great boost as students can decide, based on their aptitude, to make the best choice. Students can plan, in advance, and devise preparation strategies to reach the goal.





## National Level Webinar on CAREERS IN MATHEMATICS

### “Honey Bees - Mathematical Geniuses”

Science Association and Mathematics Department Jointly Organised Webinar titled “Honey Bees - Mathematical Geniuses” on Saturday, 27th March, 2021, at 4 PM.

Speaker: Assistant Prof. Nikita Chandwani (Department of Mathematics, RKT College)

Organising Committee:-

- ✦ Dr. Geetha Menon I/C Principal
- ✦ Prof. Neelam Kapoor Vice principal
- ✦ Prof. Bhagyashri Pathai Convenor, Science Association
- ✦ Prof. Manoj Narkhede Head, Mathematics Dept.



## Members and their function:-

Prof. Bhagyashree Pathai, Convener of Science Association- Managed the entire Webinar.

Prof. Manoj Narkhede- Introduced Speaker

Prof. Jitendra Patil- Prepared Flyer, arranged online Zoom meeting and resolved Technical issues.

Prof. Kiran Gurbani- Prepared Registration, Feedback form and resolved Technical issues.

Prof. Ashwini Rane- Prepared Registration, Feedback form and resolved Technical issues.

Zoom Video Conferencing (Link shared on WhatsApp Group)

Registration Link: <https://forms.gle/RuEQVsaVSkfqTmHFA>



Prof. Nikita Chandwani, Assistant Professor, Maths Department, shared a powerpoint presentation and explained the Maths behind the hexagonal structure of Honeycomb.

She showed using mathematical techniques that a regular hexagon has the least perimeter and using Calculus she explained that hexagonal tubes (beehives) have minimum surface area, so honey bees will require less wax.

**Faculty: Prof. Manoj Narkhede (HOD), Prof. Subash Gaded,  
Prof. Nikita Chandwani**



# Department of Chemistry

## Webinar on Science in the time of Pandemic:-

The Chemistry Department and Science Association jointly organised a Webinar on Science at the time of the Pandemic on 29th January 2021 at 12 noon through an online Zoom meeting.

Resource person, Prof. Anidya Datta, commenced the Webinar by explaining the role of Science and by talking about the process of carrying out scientific research during the time of the Pandemic. He elaborated on the determination of the structure of COVID - 19 by using electron microscopy. He explained how the COVID -19 infection spreads and how the infection could be reduced and prevented.



The second part of the talk focused on how Science has been used in the development of different Technologies. For example, advanced technology has enabled online Seminars and classes to be conducted without wasting time travelling, among other things. He pointed out the increased industrial interaction between scientific communities and industries to explore and develop new products. He spoke about the various opportunities in higher education (including NPTEL distance education), and how students can successfully complete many courses according to their choices.

In the last part of the talk, he explained the contributions of the scientific community at the time of the Pandemic. He explained the development of SMS based e-token mechanism for shops, by IIT Kanpur, and development of UV sensitised Sanitizer, development of Antiviral mask using Nanotechnology by IIT Mumbai. The talk concluded with a note to the students about using National facilities available across the country for their research work.

**Faculty: Prof. Naresh Bhatia (HOD), Prof. Jaya Bhojwani,  
Prof. Jyoti Sadhwani, Prof. Sanjay Lalwani, Dr. K. N.  
Radhamani, Prof. Bhagyashree Pathai**



# Department of English

Under the guidance and motivation of **Dr. Sunila Pillai**, the following activities were conducted:

1. Chitra and Rens Varghese, both students of SYBA A (English Anc) made presentations on "Sylvia Plath", the American Confessional Poet and "Langston Hughes", African American Poet followed by discussions.
2. Manish Mahajan, a student of FYBA A (English Anc) participated in the "Create-O-Genie", an Intercollegiate 'spin-a-yarn' contest organised by the Department of English, Ramniranjan Jhunjhunwala College, Ghatkopar, Mumbai.

Under the guidance and motivation of **Dr. Madhavi Nikam**, the following activities were conducted:

1. FYBcom students made presentations on "Impact of Technology-enabled Communication". Students made presentations in the online class on various Social Media Apps. The following students from FYBCOM C division made the presentations on the following topics:
  - a) Farhan Shaikh: "Email" and "Writing Biodata"
  - b) Khushbu Pal: "Whatsapp and Facebook"
  - c) Siddhika Mhamunkar: "Twitter"
  - d) Pinky Devkar- presented on, "Internet"
  - e) Madhura Bhosale - "Blogs"
2. MA part II (English) students of the department were motivated to take part in a Workshop organised by Swami Ramanand Teerth Marathwada University, Nanded, School of Language, Literature & Culture Studies online lecture Series on SET-NET-PET. As an exchange programme R.K.T and SRTM University, students actively participated and presented their creative piece of art in the form of, "Terribly Tiny Tales, Fan Fiction, Poems and Haikus". The Following students participated: Anjali Masand, Moses Godinho, Anmol, Pallavi Jadhav, Lorraine Patare, Kanchan Singh, Kalpalata Shripada and Roopa Jha.  
Kanchan Singh wrote Haikus and Terribly Tiny Tales.  
Kalpalata Shripada wrote and presented Haikus.
3. M.A Part II (English) student, Kalpalata Shripada wrote and published an article in an International online Journal Langlit. Her article, "Study of Individualism and Artistic Freedom Through Liberal Humanism in Ayn Rand's The Fountainhead" was published in Vol.No 7, Issue 4, May 2021, pp 238-242.

**Ms. Kalpalata Shripad, student of MA Part II (English),  
cleared NET in November 2020.**



4. Students of TYBA and MA English participated in a Story writing Competition organised by Anubhuti Trust, "Mental Justice Stories Competition". Three students participated from the department:

- a) Bhavika Lalwani (TYBA English)
- b) Raj Shakya (TYBA English)
- c) Manpreet Kaur (MA - part 1 English)

Manpreet Kaur and Raj Shakya were selected for the Second round.

Under the guidance and motivation of **Dr. Neelam Mulchandani**, the following activities were undertaken:

1. Students of TYBA (English) made presentations on the following topics:

- a) Bhavika Lalwani - Victorian Age- Robert Browning (Porphyria's lover)
- b) Raj Shakya - Charles Dickens- David Copperfield
- c) Chandni Golani - Athleticism, Utilitarianism

2. Following students of SYBA (English Anc) made presentations on Indian English literature:

- a) Chitra Jain - Vijay Tendulkar - The Art of Characterization
- b) Namrata Binda - Dalit Literature

Under the guidance of **Ms. Madhumanti Dasgupta**, the following activities were conducted:

1. Nisha Sewani, student of MA Part I, English made a presentation on "Narratology" followed by discussion and Q&A session.

2. Guidance for making research proposals of 5 students, Manpreet Singh Bomrah (MA Part I), Nisha Sewani (MA Part I), Kalpalata Sripada (MA part 2), Anmol Ahuja (MA Part 2) and Manish Mahajan (FYBA A) for Avishkar Research Convention was undertaken, out of whom a student from MA part 1 (English), Manpreet Singh Bomrah was selected for the Final round.



# हिंदी विभाग

हिंदी विभाग द्वारा वर्ष 2020-21 में निम्नलिखित गतिविधियों का आयोजन किया गया।

**1. आधुनिक युग की कहानी पर संगोष्ठी-** हिंदी विभाग द्वारा आधुनिक युग के कहानीकारों द्वारा रचित विभिन्न कहानियों पर 'आधुनिक कहानी: विमर्श के विविध आयाम' विषय पर आभासी संगोष्ठी का आयोजन 14 जून 2020 को किया गया। इस संगोष्ठी में कई महाविद्यालयों के प्राध्यापकों ने अपने प्रपत्र प्रस्तुत किए। इस कार्यक्रम के अध्यक्ष बिरला महाविद्यालय के हिंदी विभागाध्यक्ष डॉक्टर बालकवि सुरंजे थे।

**2. हिंदी दिवस समारोह-** हिंदी विभाग द्वारा दिनांक 14 सितंबर 2020 को हिंदी दिवस समारोह का आयोजन किया गया। इस आयोजन में मुख्य अतिथि के रूप में डॉ रश्मि मुखर्जी उपस्थित थीं। डॉ रश्मि मुखर्जी कोलकाता विश्वविद्यालय में हिंदी के प्राध्यापक के रूप में कार्यरत हैं। इन्होंने वर्तमान समय में हिंदी की उपादेयता पर विद्यार्थियों का मार्गदर्शन किया। इस आभासी आयोजन में प्राचार्य डॉ गीता मेनन ने विद्यार्थियों का उत्साह बढ़ाया। इस कार्यक्रम का आयोजन हिंदी के विभागाध्यक्ष डॉ संतोष मोटवानी तथा संचालन प्राध्यापक डॉक्टर रीना सिंह द्वारा किया गया। इस आयोजन में 127 विद्यार्थी उपस्थित थे।

**3. विश्व हिंदी दिवस -** विश्व हिंदी दिवस के उपलक्ष में हिंदी विभाग द्वारा 11 जनवरी 2021 को आभासी वेबिनार का आयोजन किया गया। इस वेबिनार में मुख्य अतिथि के रूप में डॉ. श्याम सुंदर पांडे( जापान विश्वविद्यालय) तथा श्रीमती नीलम पांडे( आज तक जनरलिस्ट) उपस्थित थे। इन्होंने विश्व में हिंदी के बढ़ते प्रयोग पर विद्यार्थियों के समक्ष अपना मत प्रकट किया। इस कार्यक्रम की अध्यक्षता प्राचार्य डॉ गीता मेनन ने की। कार्यक्रम में 136 विद्यार्थियों ने हिस्सा लिया।



**4. सतर्क भारत, समृद्ध भारत-** हिंदी विभाग द्वारा दिनांक 31 अक्टूबर 2020 को सतर्क भारत, समृद्ध भारत और एकता दिवस का आयोजन किया गया। कार्यक्रम में मुख्य अतिथि के रूप में प्राचार्य डॉ गीता मेनन और प्राध्यापक डॉ प्रवीण बोरकर उपस्थित थे। इन्होंने विद्यार्थियों को सतर्क रहकर भारत को समृद्ध कैसे बनाया जाए इस पर मार्गदर्शन दिया। इस कार्यक्रम में 142 विद्यार्थी उपस्थित रहे।

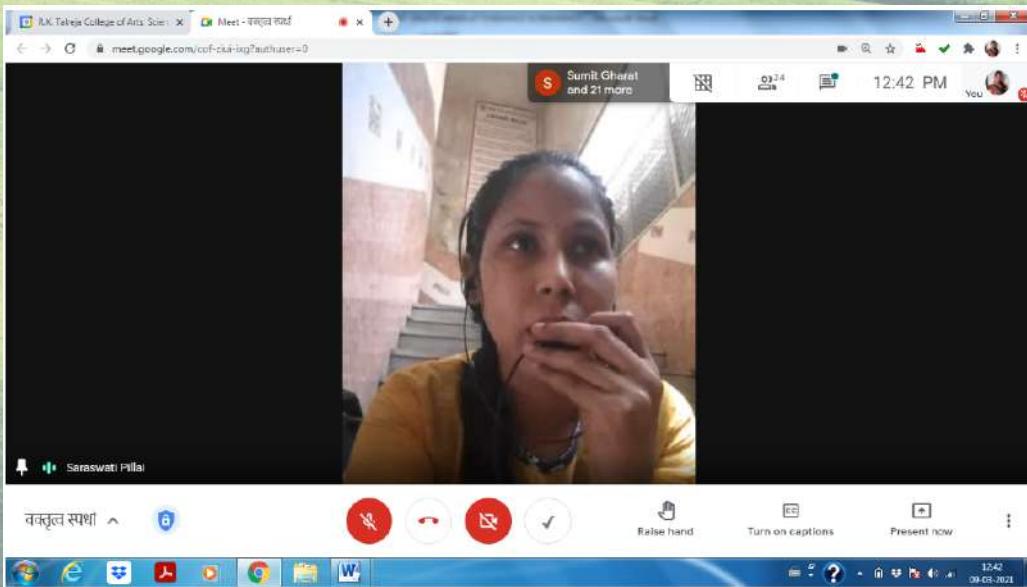


**5. स्क्रिप्ट लेखन एवं कहानी लेखन-** हिंदी विभाग द्वारा 2 अप्रैल 2021 को विद्यार्थियों के लिए स्क्रिप्ट लेखन एवं कहानी लेखन पर व्याख्यान का आयोजन किया गया। कार्यक्रम के मुख्य अतिथि बॉलीवुड अभिनय के संस्थापक तथा प्रसिद्ध निर्देशक डॉ नभ कुमार राजू थे। इन्होंने विद्यार्थियों को समय की मांग के अनुसार स्क्रिप्ट लेखन और संवाद तथा कहानी लेखन कैसे लिखा जाए इसकी विस्तृत जानकारी दी। इस कार्यक्रम में कुल 63 विद्यार्थी उपस्थित रहे।



**6. वक्तृत्व स्पर्धा -** हिंदी विभाग द्वारा विश्व महिला दिवस के उपलक्ष में 8 मार्च 2021 को वक्तृत्व स्पर्धा का आयोजन किया गया इस प्रतियोगिता का मुख्य विषय 'आधुनिक युग में महिलाओं का स्थान' था। इस प्रतियोगिता में कई विद्यार्थियों ने हिस्सा लिया जिनमें से निम्नलिखित विद्यार्थियों ने पुरस्कार प्राप्त किए-

- 1 सरस्वती पिल्लई
- 2 नारायण पाणिग्रही
- 3 आरुषि कुशवाहा



हिंदी विभाग द्वारा विद्यार्थियों को अंतर महाविद्यालयीन आभासी प्रतियोगिता में सम्मिलित होने के लिए भेजा गया। जिसमें से कई विद्यार्थियों ने प्रतियोगिता में विजेता बनकर हिंदी विभाग के साथ महाविद्यालय का नाम रोशन किया।



An aerial photograph of a lush green landscape. A winding river flows through the center of the frame, creating a path that curves from the left towards the right. The surrounding land is covered in vibrant green vegetation, with subtle patterns of furrows or tracks visible across the terrain. The overall scene is bright and natural.

**ACADEMIC**

**ACHIEVEMENTS**



## **Dr. Rupali Mokashi**



### **E-Certificate Courses:-**

1. Glimpses of Indian Numismatics - 22nd - 25th June 2020 organised by INSTUCEN
2. Advance Brahmi Script Course 1st - 15th July 2020 organised by Adhar Sanstha

### **Participation in National Webinar/Workshop:-**

1. International Webinar on 'The Post COVID Era: Blended Approaches' 19th June 2020
2. One day National Webinar on 'Effective Usage of N List for Research Initiatives' 21st June 2020
3. Three Days Workshop on 'प्राकृत भाषा वर्ग' 26th -28th June 2020
4. International Workshop on Epigraphy in Asia 26th - 4th July 2020
5. One day National Webinar on 'Iyam Dhammalipi' 27th June 2020
6. One day National Webinar on 'IPR: Patent and Copyright' on 29th June 2020
7. One day National Webinar on 'The Evolution of North Indian Temple Architecture' 4th July 2020

## **Dr. Neeta Gundawar**

### **1. Translation Work-**

Executed translation work from 14th June 2020 to 9th September 2020. Thirteen videos were translated for the government's digital platforms Swayam and Swayamprabha. This was done for BLIS online course available for the students through the digital platform. List of titles -

- Resources sharing Among Libraries
- Awareness Services
- Reference Query Services
- Reference Sources in Academic Libraries
- Reference Sources in Public Library
- Role of the Internet in Library Services
- Electronic Information Sources
- Library Automation: An Introduction
- Evolution of Library Automation A saga of Five Decades
- ILSs in India: Categories and Evaluation
- The procedural model of Library Automation
- Library Automation: Functional and System Level Requirements
- Global Recommendations and RFP





Appointed as Academic counsellor by IGNOU for BLIS, MLIS & Certificate courses. (Study Centre at Ulhasnagar.)

Appointed as college coordinator by the institute for the program 'Career Katta' initiated by the Government of Maharashtra.

### **Participation in various programs-**

Participated in various webinars, workshops and training programs through virtual platforms as follows -

1. Six-day National Webinar on the topic "Knowledge Generation in Education During COVID-19 Pandemic" Organized by Bombay Teachers Training College, HSNC University, Mumbai in Collaboration with Department of Education, University of Mumbai, 1st June to 6th 2020
2. National Webinar on the topic "Redesigning Library Website" Organized by K. S. D. Sindhikshan Mandal, S. K. Patil Sindhudurg Mahavidyalaya, Malvan, 2nd June 2020
3. National Webinar on the topic "National Webinar on Creatin a Green Campus" Organized by Bharat Friends Association's IQAC, BHARAT COLLEGE OF ARTS & COMMERCE AND Roshani Udyavar & Associates(RU&A), 5th June 2020
4. Two weeks Online Faculty Development Programme (FDP) for Library Professionals On "Creation, Preservation and Dissemination of E-Content" Organized by St. Vincent College of Commerce, Pune-37 in association with UGC-Human Resource Development Centre, Savitribai Phule Pune University, Pune. 6th June to 19th June 2020
5. Seven days Online informative session on topic "Enhancing Librarian IT Skill for Library Professionals" Organized by Softech Solutions & Services, Pune, 22nd to 28th June 2020
6. National Webinar on topic "Understanding API & CAS Process for Working Academic Library Professionals" Organized by Sevs Mandal Education Society's Dr. Bhanuben Mahendra Nanavati College of Home Science (Autonomous), 27th June 2020
7. Two-week online faculty development programme on the topic "ADVANCED CONCEPTS FOR DEVELOPING MOOCS" Organized by Ministry of Human Resource Development Pandit Madan Mohan Malaviva National Mission On Teachers And Teaching, 2nd July to 17th July 2021
8. Two-month Online course "Effective Documentation for Accreditation" Organized by IQAC Cluster India" in collaboration with White Code, 15th Sep to 10th November 2020



9. National Webinar on topic "Introductory seminar on financial services and insurance (BFSI) in association with Kotak" Organized by Placement cell program, Orientation to the students for two months and fifteen days course from their side attended this program for placement cell, 11th January 2021
10. Online One-day training on topic "SOUL 2.0" Organized by P. D. Kharkhanis college, Ambernath, 22nd February 2021
11. National Webinar on topic "SOUL 3.0 Inaugural Program" Organized by Inflibnet, 24th February 2021
12. National Webinar on topic "National education policy" Organized by Seva Sadan's College of Education, Ulhasnagar, 25th February 2021
13. International Virtual Seminar webinar Webinar on the topic "Illustrious Women of 21st Century" Organized by Seva Sadan's R. K. Talreja College of Arts, Science and Commerce, Ulhasnagar-3, 8th March 2021
14. National Virtual Seminar Zoom platform on the topic "On Advance Excel" Organized by Seva Sadan's R. K. Talreja College of Arts, Science and Commerce, Ulhasnagar-3, 18th March 2021
15. National Virtual Workshop Zoom platform on the topic "Digital transformation" Organized by Seva Sadan's R. K. Talreja College of Arts, Science and Commerce, Ulhasnagar-3, 19th March 2021

### **Dr. Reena Singh**

#### **Awarded Ph. D degree on 22 February 2021**

Topic: "Madhu Kankriya ka Katha Sahitya: Samvedna Aur Shilp"

- Got the Best Teacher Award in the Young Teacher Category of Social Science from Academisthan
- Name in Golden Book of World Record for writing poem on Cricketer Anil Kumble. (Details not available on website)



### **Dr. Ranjana G Khade**

- Resource person as Syllabus Committee Member at One day Online Syllabus Workshop for MSc Part-II (Microbiology) organised by University of Mumbai and Department of Microbiology, Smt. Chandibai Himathmal Mansukhani College, Ulhasnagar - 3 on 4th November 2020.
- Coordinator, University Avishkar Research Convention 2020-21 and Mentored 10 UG students and 3 PG students to participate in University Avishkar who presented 5 Research project proposals at University Avishkar Research Convention 2020-21.
- Conducted a Workshop for M Sc II (Microbiology) students of the Department on "Survey based Research" on 9th January 2021.





4. Conducted a Workshop for M Sc I (Microbiology) students of the Department on "How to Write a Literature Review" on 8th February 2021.
5. Organised Online International Webinar on "Research Convention: A Path Towards Success" on 20th February 2021.
6. Arranged Interactive visual activity using Mentimeter on 28th February 2021 for all UG and PG Microbiology to express view on Science in one/few words on the occasion of Science day to help students to mind mapping and concept mapping.
7. Conducted a Seminar for UG and PG Microbiology students of the Department on "**How to present a Research Paper on an Online platform**" on 18th March 2021.

### **Research Paper Presentation:-**

Presented paper titled "Microbiological treatment of Wastewater by Microbial fuel cell" at Semi virtual National Conference on Environmental Pollution: Causes, Effects, Status and Remedies" Vishwanath Summit 2021 organised by Vijaylaxmi Vishwanath Dalvie College, Talere on 29th March 2021.

### **Books with ISBN:-**

1. Shirisha R Murugu and Ranjana G Khade. Self healing biocement production for sustainable production. In Compendium of Research insights of life science students, Vol 1(Chapter 85) page no.:184-186 (2020), JPS Scientific Publication India (ISBN 978-81-946500-0-3).
2. Ranjana G. Khade. Role of herd immunity in the management of COVID - 19 . In COVID - 19: Impact and Response . Bhumi Publishing, India.2020. pp 208-210.ISBN: 978-93-88901-11-6.( <https://www.bhumipublishing.com/books/>).

### **Conference Proceedings:-**

1. Khade Ranjana G. Isolation of bioplastic producing bacteria for management of congress weed. In Proceedings of International e-conference on "Emerging technologies in Pharma, environmental and life sciences. EMETHPELS 2020. 18- 19th June 2020 : 24-28.(ISBN 978-93-83112-09-8)

### **Subhash Gaded**

Successfully completed Online Two weeks Refresher Course in Mathematics, organised by Department of Mathematics, Ramanujan College under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING, from 16-30 March 2021 and obtained grade A+.



## **Presentations in International/National Conferences:**

1. Presented Online Research paper titled, "Girth and Diameter of graphs and complement graphs of some families of Zero-divisors" in the International Conference on Recent Trends in Graph Theory (ICRTGT-2020) organised by Department of Mathematics, Karnatak University, Dharwad, India from July 27-29, 2020.
2. Presented Online Research paper titled, "Metric Dimension of Zero-Divisor Graphs of Some Semi-Local Rings" in the International Conference (Online) on Recent Trends in Mathematics and Its Applications to Graphs, Networks and Petri Nets (ICRTMA-GPN-2020, July 20-24, 2020) organised by School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi-110067, India, and Vijnana Parishad of India.
3. Presented Online Research paper titled, "Weiner index of graphs of some families of zero-divisors" in the Four-Day online National Conference on Pure and Applied Mathematics (NCPAM-2020) organised by Department of Mathematics, KLS Gogte Institute of Technology, Belagavi from August 11-14, 2020
4. Presented Online Research paper titled, "Totally Anti Magic And Super Edge Antimagic Total Labelling Of Graphs of Some Families of Zero-Divisors" in the International Conference on Graph Labelling And Applications, ICGLA-2020 Organised In Loving Memory Of Prof. B. D. Acharya By Department Of Mathematics, Goa University, Taleigao Plateau, Goa-India from September 17-19, 2020.
5. Presented Online Research paper titled, "Edge Chromatic Number of Zero-Divisor Graphs of some Semi-Local Rings" in the 86th Annual Conference of the Indian Mathematical Society, an International Meet IMS 2020 organised by Department of Mathematics, School of Advances Sciences, Vellore Institute of Technology, Vellore, from December 17-20, 2020.
6. Presented Online Research paper entitled, ON ZERO-DIVISOR GRAPHS OF SOME SEMI-LOCAL RINGS in the Online International Conference on "History and Development of Mathematics" (ICHDM 2020) Organised by Department of Mathematics, Maharshi Dayanand University Rohtak through Online Platform (MDU Cisco Webex) on National Mathematics Day, December 22, 2020.

**Worked as a member of New Syllabus Committee**, SYBSC Maths-II, Practical's, University of Mumbai.

**PhD Registration**, Department of Mathematics, University of Mumbai.



## Dr. Ajai Kumar Singh



1. Participated in Online TY BSc Zoology (Sem-VI) book peer-review Workshop for self-published book on “Hydrology and Zoogeography” by Mumbai University Press. The workshop was jointly organised by the Board of Studies in Zoology, University of Mumbai and Department of Zoology, CHM College, Ulhasnagar-3 on 13th January 2021.
2. Participated in the National Conference on “Sustainable Development - A Green Approach” held on 6th March 2021 at Thakur College of Science & Commerce, Kandivali (East), Mumbai.
3. Resource person for One-day Online Workshop in view of free discussion and smooth implementation of the syllabus in the subject of Zoology (Oceanography and Fishery Technology) of MSc Part 2 (Semester IV). The workshop was organised by the Board of Studies in Zoology, University of Mumbai and Department of Zoology, M. D. College, Parel on Saturday 13th March 2021.

### **Awards:-**

1. Honoured with the **‘Intellectual of the Year 2020’** award by Rifacimento International, New Delhi which publishes reference books in the genre of Who’s Who.
2. Honoured with **‘Best Outstanding Article National Award 2020’** by Kamarajar Institute of Education and Research, Tamil Nadu, India. for my article published as an Editorial of **‘Biology and Medicine: A Case report’**, an International Journal of Allied Academics, London, UK



## Dr. Ganesh C. Nikalje

1. Dhakane R, Deshpande A, Shinde A, Nikalje GC, Jogdand A (2020) Identification And Confirmation of Unknown Meat Using Mitochondrial Cytochrome C Oxydase I (Co-I) Marker in DNA Barcoding Technology. *European Journal of Molecular & Clinical Medicine*, 7 (11): 8153-8172.



2. Nikalje GC, Rajam P (2021) Wi-Fi Radiation Negatively Influences Plant Growth and Biochemical Responses of *Capsicum Annuum* L var. Pusa Jwala. *Current Chemical Biology*. DOI: 10.2174/2212796814999201228193703 (Bentham and Science).
3. Nikalje GC, Zimare SB, Shelke DB (2021) Effect of Elicitors on Plant Cell suspension Culture for the Enhancement of secondary Metabolite production. *N J Pharma Sci* 1(1): 50-57.
4. Saini N, Nikalje GC, Zargar S, Suprasanna P (2021) Molecular Insights into Sensing, Regulation and Improving of Heat tolerance in plants. *Plant Cell Reports* (Accepted) (Springer IF: 4.57).
5. Sonawane HB, Ghule S, Math S, Shelke D, Nikalje GC (2021) *Rhizoctonia bataticola*: From plant pathogen to a potential source of pharmaceutically relevant metabolites. *Current Research in Green and Sustainable Chemistry* 4: 100171 (Elsevier).

#### **Book Chapters:-**

1. Saddhe A, Manuka R, Nikalje GC, Suprasanna P (2020) Halophytes as a Potential Resource for Phytodesalination. In *Handbook of Halophytes: From Molecules to Ecosystems towards Biosaline Agriculture*. Grigore MN. (eds) Springer, Cham pp- 1-21 (Citation: 04).
2. Patade VY, Nikalje GC, Srivastava S (2020) Role of Thiourea in Mitigating Different Environmental Stresses in Plants. In: *Protective Chemical Agents in the Amelioration of Plant Abiotic Stress: Biochemical and Molecular Perspectives*, Roychoudhury and Tripathi (Eds). Wiley Online Library Pp- 467-482 (Citation: 04).

#### **Awards:-**

1. M. S. Swaminathan Research Excellence Award 2021 received from Association of Plant Science Researchers (APSR), P2. Iantica Foundation Dehradun, India.
2. Young Plant Scientist Award, 2021 received from Association of Plant Science Researchers (APSR), Plantica Foundation Dehradun, India.
3. Guest Editor in *Current Chemical Biology* Journal Bentham and Science, Theme- "Plant Stress and Defence Metabolites at the interface of plant environment interaction"

#### **Editorial contribution:-**

- *Current Chemical Biology* (Bentham and Science)
- *Advances in Agriculture* (Hindawi Publications)
- *American Journal of Plant Biology* (Science Publishing Group)
- *International Journal of Botany Studies*
- *National Journal of Pharmaceutical Science* (AkiNik Publications)
- *International Journal of Microbial Science*



## Dr. Rohini Patil



### **Academic achievements:-**

1. Resource person as Syllabus Committee Member at One day Online Syllabus Workshop for MSc Part-II (Microbiology) organised by University of Mumbai & Department of Microbiology, Smt. Chandibai Himathmal Mansukhani College, Ulhasnagar - 3 on 4th November 2020.
2. Mentored 4 students at the UG level, 1 student at the PG level and 4 at the PPG level in the University Avishkar Research Convention 2020- who presented 6 research project proposals at University Avishkar Research Convention 20-21.
3. Out of 6 projects mentored by me, 3 at PPG level & 1 at PG level were selected for the final presentation round. Among them, 1 at PPG level (Agriculture & Animal Husbandry category) and 1 at PG level (Medicine & Pharma category) were awarded FIRST PRIZE.
4. As a member of BOS, also contributed to designing the syllabus for the PET examination in Microbiology at University of Mumbai
5. Convenor in designing Paper I (Tools and Techniques in Microbiology) of MSc part II syllabus in Microbiology to be implemented from 2020-2021.
6. Part of Organising Committee of Online International Webinar on "Research Convention: A Path Towards Success" on February 20, 2021.

### **Chapter in Edited book with ISBN:-**

1. Rohini Patil & Rupali Kasare. Siderophore Assisted Phytoremediation for Heavy Metal Stress Reduction. In Agriculture and Rural Development: Spatial Issues, Challenges and Approaches" Volume 2, page no 54 - 65, August 2020. Chapter 10. ISBN 978-81-946685-9-6

## Dr. Madhavi Nikam



### **Invited Lectures:-**

1. Delivered a Lecture as a Resource Person on "Improving Mental Strength through Literature", in a National Webinar on Mental strength through Literature organised by Awadhesh Pratap Singh University, Rewa, MP on 10th June 2020
2. Delivered a Lecture as a Resource Person on "Women Empowerment" in an International Webinar organised by Women Empowerment Cell, Kongunadu Arts and Science College, Coimbatore, Tamilnadu on 15th June 2020



3. Delivered a Lecture as a Resource Person on “Empowering Women: Prospects and Challenges” in an International E-Conference on Women Empowerment organised by Women Empowerment Cell, Government Arts and Commerce College, Netrang, Bharuch, Gujarat on 18th August 2020
4. Delivered a Lecture as a Resource Person on “Projecting the Harmonious Culture through Contemporary Poetry: Introspection” in an International Webinar on Peace, Poetry and Pluralities organised by the Department of English Ram Sevak Singh Mahila College, Sitamarhi, Bihar on 18th August 2020
5. Delivered a Lecture as a Resource Person on “Research Analysis” in a Workshop on Research Methodology and Research and Publication Ethics organised by Research Section, Kavayitri Bahinabai Choudhary North Maharashtra University, Jalgaon on 5th February 2021
6. Delivered a Lecture as a Resource Person on “Key Concepts in Information Theory- I” and “Key Concepts in Information Theory- II” in a National Lecture Series organised by the Department of English, School of Languages, SRT Marathwada University, Nanded on 18th & 19th March 2021
7. Delivered a Lecture as a Resource Person on “Review of India’s Education Policy” in a Multidisciplinary National E-Conference organised by Shri Saibaba Lok Prabodhan Arts College, Wadner, Wardha on 24th April 2021
8. Delivered a Lecture as a Resource Person on “Image of India in Indian English Literature” in a Two Day National Webinar on India in Indian English Literature organised by Vasant Rao Naik Government Institute of Arts and Social Sciences (Morris College), Nagpur on 29th May 2021

### **Publications:-**

1. Nikam, Madhavi “M K Gandhi through Western Lenses: Romain Rolland’s Mahatma Gandhi: The Man Who Became one with the Universal Being” published in Sambhashan: A Free Open Access Peer Reviewed Journal Bi-Lingual Interdisciplinary Journal of the University of Mumbai, Vol 1 Issue 6, Oct 2020 pp. 68-77
2. Nikam, Madhavi & Nilesh Hume. “Friendship and Love as Major Themes in the Select Indian Campus Novels” published in Motifs: A Peer Reviewed International Journal of English Studies Vol 7 No 1, Jan-Dec 2021, ISSN 2454-1745
3. Nikam, Madhavi & Pandurang Barkale. “You’re Just a Housewife. What on Earth could you Possibly Do? Rehana’s Epic Battle against all Odds in Tahmima Anam’s A Golden Cage” published in International Journal of Multidisciplinary Research Vol 10, June 2021, ISSN 2277-7881 pp. 30-35



## **Dr. Neelam Mulchandani**



### **Details of Papers Published:-**

1. Published a Research article titled, "Cultural and Traditional Fragmentation in Anita Rau Badami's Tamarind Mem" The Reflections of Pandemics on Literature, Culture and Society, Published by Lap Lambert Academic Publishing, ISBN 9786203409581, Pg. 190-193.
2. Published a Research paper titled " Online Education in India Post Covid 19" in Online Peer-reviewed Journal 'Episteme'
3. Two-day Interdisciplinary International Virtual Conference on 'Life, Culture and Education Today', held on 5-6 June, 2020, conducted jointly by Mahatma Gandhi Education and Welfare society, Parbhani (M.S), Late Ramesh Warpudkar ACS college, Sonpeth, Dist. Parbhani (M.S)

## **Dr. Sunil Jagiasi**

**Member of University of Mumbai, M.Sc.Part-II Microbiology Syllabus Review Committee.**



### **Presentation in Seminars / Conferences:-**

1. Poster Presentation on Strategies for Vaccine development at Web Conference on "COVID 19; Perspectives of Science and Challenges" held on 19th and 20th June 2020 conducted by People Education Society's Siddharth College of Arts, Science and Commerce, Fort, Mumbai.
2. Oral Paper Presentation on "Ex situ bioremediation of dye effluent using bacterial consortium" at UGC Stride sponsored One day National e Conference on "Pollution and its Impact on Universal Health" held on 29th October 2020 conducted by K. L. E. Society's S. Nijalingappa College, Bengaluru, Karnataka, India.
3. Oral Competition in Virtual Antimicrobial Symposium at Virtual Antimicrobial Symposium from 18th to 24th November 2020 conducted by School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai in association with Microbiologists Society.
4. Oral Paper Presentation on "Toxicity Study of Biotreated Dye effluent" at International Virtual Seminar on " Nutrigenomics (IVSN - 2021) held on 23rd - 24th February, 2021 sponsored by DBT Star College Scheme, conducted by PG and Research Department of Microbiology and B. Voc., FSQM, V.H.N. Senthikumara Nadar College (Autonomous), Virudhanagar, Tamilnadu, India.



5. Oral Paper Presentation on “ Confirmation of azo dye biodegradation using sophisticated Instruments” at National Symposium on “Future of Science Technology Innovation: Impacts on Education, Skills and Work” on 27th February 2021 conducted by Yenepoya (Deemed to be University), Mangalore, Karnataka.
6. Oral Paper Presentation on “Biosorption - an effective way for removal of azo dyes” at International Multi-Disciplinary Online Conference on Sustainable Soil Resources 2021 (SSR-2021) on 22nd to 25th April 2021 conducted by Kalinga Institute of Industrial Technology, Bhubaneswar, India.

#### **Participation in FDP / Workshops / STC:-**

1. One week National level online Faculty Development Programme on “G suite and allied tools in education, teaching and e content development”, organised by Sant Gadge Baba Amravati University, Amravati (MS) from 29th June to 4th July 2020.
2. National Webinar series on “Digital Content Creation for Social media”, organised by Bombay Teachers Training College and Thadomal Sahani Engineering College, Mumbai from 6th - 11th July 2020.
3. UGC (Pramarash) online National Faculty Development Programme on “ICT in Teaching and Evaluation”, organised by Shri Shivaji College, Parbhani, Maharashtra from 13th July to 18th July 2020.
4. RUSA sponsored Faculty Development Programme in Online Teaching- Learning And Research Methodology, organised by Govt. P.G. College, Bilaspur, Rampur , UP, from 18th July to 29th July 2020.
5. Seven Days online National Faculty Development Programme on “Befriend Technology with The New Educator’s Code - Transformation from Physical to Digital”, organised by Bharat College of Arts and Commerce, Badlapur, Maharashtra from 27th July - 2nd August 2020.
6. ICSSR - SRC, MHRD- Seven Days online faculty Development Programme on “The Role of Teacher in Nation Building”, organised by Keshav Memorial Institute of Commerce and Sciences in collaboration with ICSSR - SRC, MHRD, New Delhi from 3rd - 9th August 2020.
7. One week National Level One Week online FDP on “Open Source Tools for Research”, organised by Priyadarshini Institute of Science and Technology, Khammam, Telangana from 10th - 15th August 2020.
8. UGC (Pramarash) Online One Week Faculty Development Programme on “E - Content Development”, organised by Shri Shivaji College, Parbhani, Maharashtra from 31st August to 5th September 2020.



9. Online National workshop on “Research paper Writing”, organised by Galgotias University, Uttar Pradesh on 2nd October 2020.
10. Two days online National workshop on “Research Methodology and Publication Ethics”, organised by Jawaharlal Nehru University, Delhi on 22nd – 23rd October 2020.
11. Two days online National workshop on “Research Methodology and Publication Ethics”, organised by Jawaharlal Nehru University, Delhi on 22nd – 23rd October 2020.
12. Participated as Syllabus Committee Member in One Day Online Mumbai University Workshop for M.Sc. Part-II (Microbiology), organised by University of Mumbai and Smt. C. H. M. College, Ulhasnagar. Dist.- Thane , on 4th November 2020.
13. One Day Virtual National workshop on “ Steps for Successful Scholarly Publication”, organised by Rayaalseema University, Andhra Pradesh in association with Nature, Springer on 4th November 2020.
14. TEQIP-III supported the Seven Days National level Capacity Building Programme “E- Shodhyatra: Emerging Trends and Technologies in Scholarly Communication”, organised by ICT, Mumbai and VES College, Mumbai from 23rd November – 4th December 2020.
15. AICTE sponsored an Online Short Term Training Programme (STTP) Batch-I on “Biotechnology and its applications in Tribal agriculture area”, organised by Ballarpur Institute of Technology from 23rd November to 28th November 2020.
16. RUSA sponsored an Online National Workshop cum awareness programme on “Ethics and Plagiarism”, organised by Mehr Chand Mahajan DAV College for Women, Chandigarh on 7th January 2021.
17. MHRD-PMMMNTT sponsored Two Day International Online Workshop on “Integration of Animation in Teaching-Learning”, Centre for Knowledge Acquisition, Retention and Transformation (C-KART),” organised by School of Education, PMMMNMTT, MOE, Govt. of India from 28th to 29th January 2021.
18. UGC Paramarsh Scheme, One week Online International Faculty Development Programme on the topic “Emerging Aspects of Research Methodology”, organised by Subodh College from 1st to 7th February 2021.
19. RUSA sponsored an Online Training Programme on “Research Literacy”, organised by Modern College, Vashi on 8th -9th February 2021.
20. AICTE sponsored One Week Online National Faculty Development Programme on “Strategies in Modern Pedagogy” organised by National Institute of Technology, Sikkim from 16th to 20th February 2021.
21. UGC Scheme, STRIDE Component-I (Research Capacity Building), One Week Online National Faculty – Student Development Programme on Research Methodology” , organised by Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist.- Aurangabad (Maharashtra) from 22nd February to 27th February 2021.



22. Five days Online National FDP on "Possibilities of Research, Research Methodology and Research Paper Writing", organised by Nachiketa College, Vijaynagar, Jabalpur (MP) from 2nd to 6th March 2021.
23. UGC Scheme Stride Component-I (Research Capacity Building), One week Online Faculty-Student Development Programme on Education and Development" organised by Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist.- Aurangabad (Maharashtra) from 8th March to 13th March 2021.
24. MHRD- PMMMMNMTT scheme ,Online National Training Programme on Research and Publication Ethics", organised by School of Education, Central University of South Bihar Under PMMMMNMTT scheme from 15th - 22nd March 2021.
25. One week Online FDP on "Advanced Research Tools", organised by Shashun , Jain College for Women, Chennai, from 24th - 31st March 2021.
26. UGC scheme, STRIDE Component-I (Research Capacity Building), Two days Online National Workshop on "Government schemes for drought prone area" organised by Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist.- Aurangabad (Maharashtra) from 23rd - 24th March 2021.
27. AICTE sponsored an Online National level One Week Short Term Training Programme (STTP) on "Character Building Through Moral Values and Ethics (Phase-II)", organised by S.S. Jain Subodh College, Jaipur from 5th -10th April 2021.
28. Online National Level Seven Days Faculty Development Programme (FDP) on "Post- COVID and Higher Education " , organised by Late Sow. Kamaltai Jamkar Mahila Mahavidyalaya, Parbhani, Maharashtra , during 19th - 26th April 2021
29. One Week National Level Online Faculty Development Programme on Research Methodology", organised by Kamla Nehru Mahavidyalaya, Nagpur from 26th April - 1st May 2021.
30. DBT funded Two Days National level Interdisciplinary online Faculty Development Programme on " Lab on Chip and Lab on Paper" organised by Sri. G.V. G. Visalakshi College, Udumalpet, Tamil Nadu from 10th - 11th May 2021.
31. Two Days Online National Workshop on "Basics of Design Thinking for Faculty Members" organised by MES Abasaheb Garware College, Pune ,Maharashtra from 17th - 18th May 2021.



## Dr. Chandar Rohra

### Papers Presented:-

1. Dr. Chandar H. Rohra, A Study of Vulnerabilities of Marriage Migration in India (Zoom Video Conference). The Role of Economy and Ecology in Sustainable Development, Harshwardhan Publication Pvt.Ltd., Beed, May 2020 / 155-158. Vidyawarta Peer-Reviewed International Research Journal MAH MUL/03051/2012. ISSN: 2319 9318 Impact Factor 7.041 (IIJIF)
2. Conference: Online International Interdisciplinary Conference organised by Phondaghat Education Society's Arts and Commerce College Dist: Sindhudurg, Maharashtra
3. Dr. Chandar H. Rohra, The Impact of Covid - 19 on Food Chain Industry. International Bilingual Peer-Reviewed Research Journal, SHODH SANCHAR Bulletin - UGC approved Care listed Journal Volume 11 - issue 41 January to March 2021 / 34-38. UGC approved Care listed Journal ISSN 2229-3620.
4. Conference: One day International E-Conference on COVID - 19 - 'Holistic Approach' organised by Bharat College of Arts and Commerce, Badlapur on 9th April 2021.



### Recourse Person [Speaker]:-

#### Webinar on Rights of Minority Communities' on "Minority Rights Day"

Organised by: NSS Unit of RKT College, Ulhasnagar 3 on 19th December 2020

### Journal Reviewer:-

Appointed as Journal Reviewer on the Editorial Board of "Global Research and Training Forum", Pimpri Chinchwad, Pune, Maharashtra.

Date: 9th August 2020

### Webinars:-

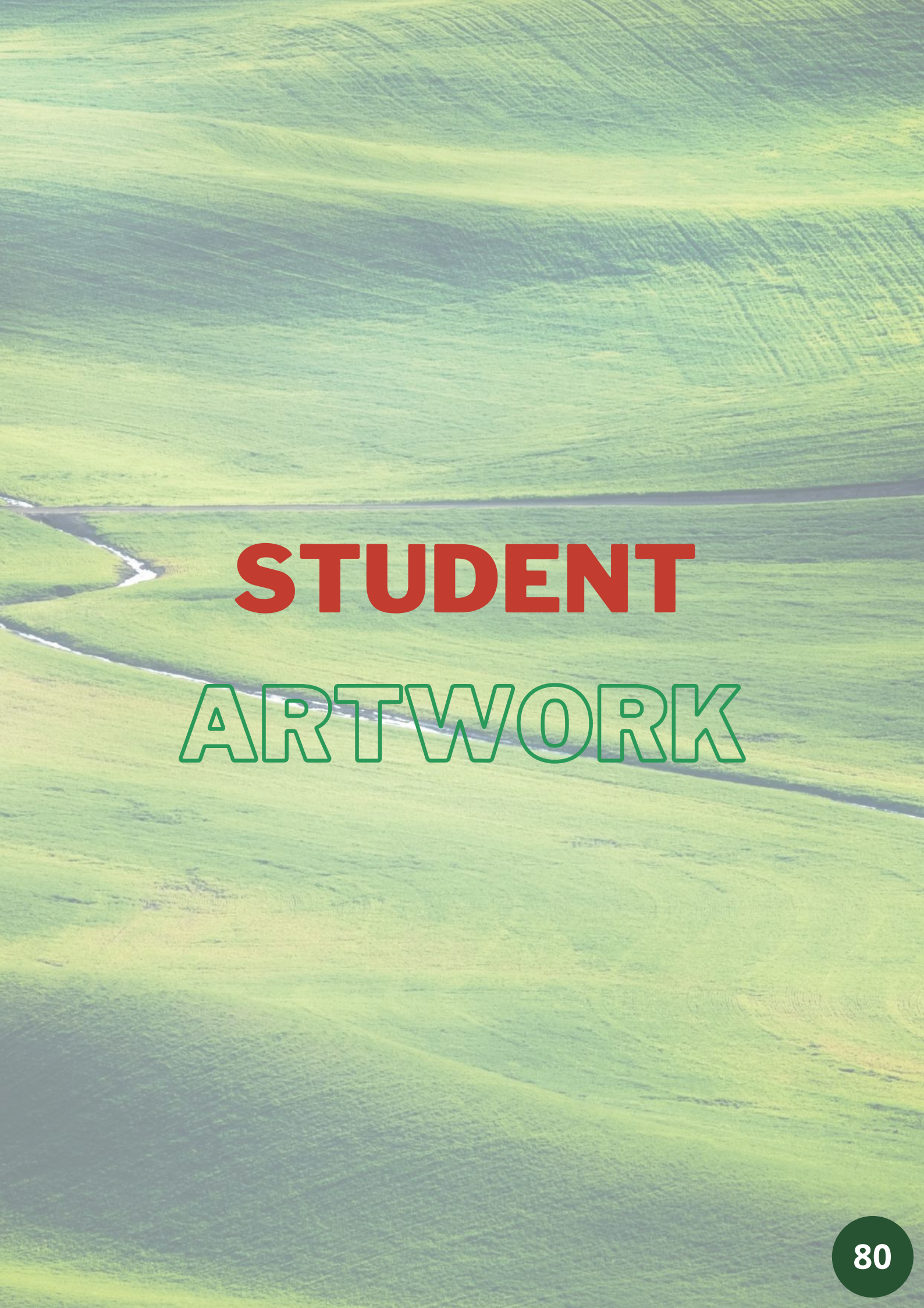
1. Attended National Webinar on "Consumerism and Financial Literacy in COVID Times" organised by RKT College, Ulhasnagar on 18th January 2021.
2. Attended National Webinar on "Constitutional Amendments vis-à-vis The Doctrine of Basic Structure" organised by Shri. Jayantilal H. Patel Law College, Kandivali Mumbai on 8th July, 2020.
3. Attended National Webinar on "Phenomenal Career for Arts Students" organized by Vikas College of Arts, Science & Commerce, Vikroli, Mumbai on 6th July 2020.
4. Attended online Session on "PRABHODHAN: a Journey of Enlightenment" organised by Bharat College of Arts and Commerce, Badlapur on 5th July 2020.



## **Faculty Development Programme:-**

1. Attended seven-day National Level Short Term Course on “Legal Empowerment of Women” organised by WDC of Sheth NKTT College of Commerce & Sheth and JTT College of Arts, Thane on 20th July, 2020 to 26th July, 2020.
2. Attended Six-day online FDP UGC (Paramarsh) on “ICT in Teaching & Evaluation” organised by Shri Shivaji College, Parbhani from 13th July, 2020 to 18th July, 2020.
3. Attended Four-day online FDP organised by Rathinam College of Arts & Science, Coimbatore, Tamil Naidu from 8th July, 2020 to 11th July, 2020.

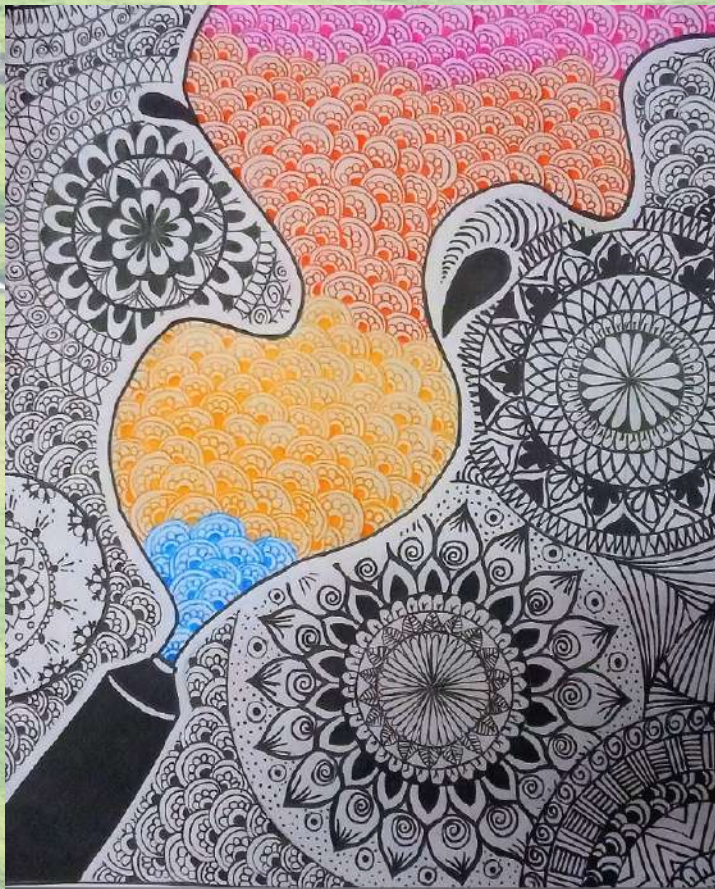
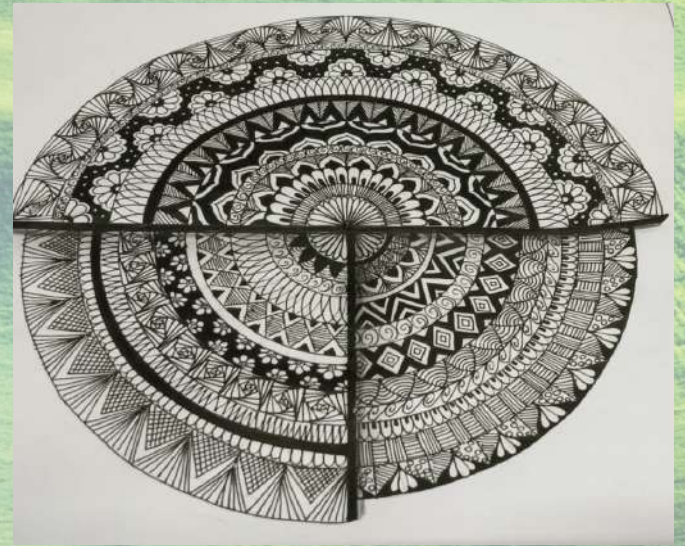


An aerial photograph of a vast, rolling green landscape. A winding river or stream flows through the center of the frame, creating a path that curves from the left towards the right. The terrain is covered in dense green vegetation, with subtle variations in shade and texture suggesting different types of crops or natural growth. The overall scene is bright and vibrant, with a clear sky and a sense of depth and scale.

# STUDENT ARTWORK



# Mandala Art - Tanvi Sondkar XI Arts



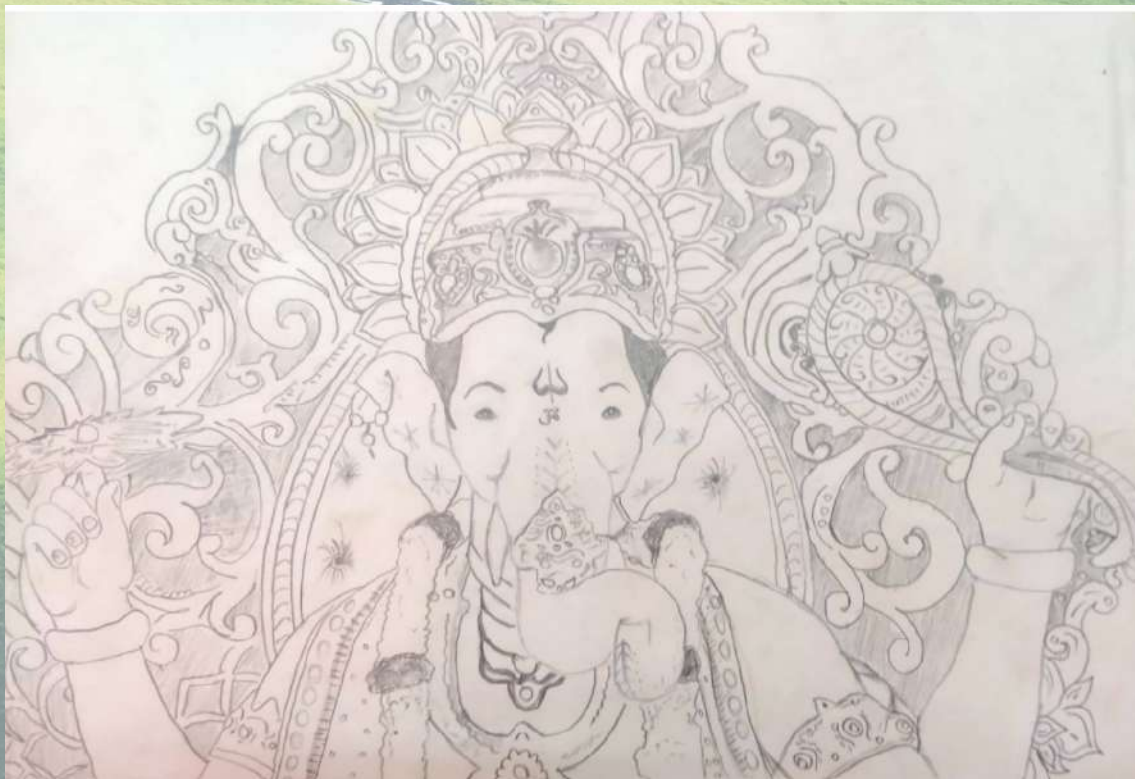


# Paintings by Prof. Sunita Chaudhari





# Sketches by Hiten Wani XII Sci





# Photos by Gaurav Chaudhari XII Sci





ARTWORK BY: MANPREET KAUR  
MA 2 (ENGLISH LITERATURE)



OUR  
FUTURE

MAGAZINE DESIGN AND DIGITAL TYPESETTING: SWAANUBHAV