

## Department of Biochemistry

### Annual Report 2020-21

#### 1. Programs/ Seminars/ Conferences organized:

- **Online Logo Making Competition:**An “**Online Logo Making Competition for Department of Biochemistry**” was organized for Undergraduate and Postgraduate students of Biochemistry on 8<sup>th</sup> October 2020. The logo made by Ms. Neha Raut, M.Sc. Semester III was adjudged best out 20 entries received for the competition.
- **Two days National Workshop on “Statistical Analysis for Research”** was conducted by the Department of Biochemistry on 10<sup>th</sup> and 11<sup>th</sup> November, 2020. Dr. Ashish Linge, Associate Professor, C.P. at Berar College, Nagpur conducted virtual Hands-on session for postgraduate and research students. The workshop received participation from across the country. The workshop received 117 registrations.
- **Entrepreneurship awareness in collaboration with BREC (BIRAC Regional Entrepreneurship Center):** Department of Biochemistry and Botany conducted a webinar on Life-science Entrepreneurship awareness in collaboration with **BREC (BIRAC Regional Entrepreneurship Center)** on 28<sup>th</sup> January, 2021. The aim of this program was to foster entrepreneurial spirit in students to experimental interaction. The students were benefited by interactive sessions by Dr. Shyam Vasudeva, Founder and Director, FORUS Health , Renalyx and Rx DHP, Ms. Teena Paul, Founder Director, Giftolexia, Ms. Anju Kashyap, IP specialist, C-CAMP and Dr. Bhavisha Wala, Entrepreneurship Development Manager, C-CAMP.
- **Master’s Paradigm:**Departments of Botany&Biochemistry along with IQAC jointly conducted the webinar series, “**Master’s Paradigm**”, **Season-2**for the students to provide them an exposure on recent scientific developments. The program was conducted from 4<sup>th</sup> to 6<sup>th</sup> February, 2021. The speakers of the program were Dr. Amitava Das, Principal Scientist, IICT, Hyderabad who enlightened students on Molecular Cures on Cancer and Dr. Amit Godbole, SII, Pune who spoke on ‘Vaccines with special reference to COVID 19’. ‘Master’s Paradigm’ was concluded by ‘Power Point Presentation’ competition for students on ‘Wetland Conservation’. Around 30 selected students participated for PPT presentation on online mode. The program got a huge response all over the country. Ms. Saleha Kapadia from P.C.A.C.S, Navi Mumbai bagged the 1<sup>st</sup> prize followed by Ms. Shrishti Devalia from Hislop College. Ms. S. Mubashra Ali and Mr. Yash Barokar received consolation prizes.

- **Bioconfluence - Guest lecture series:** Guest lecture on “Assisted Reproductive Technology and Recent Advancements” was organized for students of the Department of Biochemistry, Hislop College, Nagpur on 3<sup>rd</sup> June, 2021 under “**Bioconfluence**” the lecture series. Dr. Bindu Chimote, Consultant Clinical Embryologist and IVF Scientist was the speaker who shared her formidable experience and knowledge with the students.

## 2. Achievements of the Staff:

- a) Publications: Papers published
  - Dr. Mashitha Pise- One paper in peer reviewed International Journal and one paper in peer reviewed National Journal.
  - Dr. Rashmi Padhye- One paper in peer reviewed National Journal.

b) Awards: Mrs. Sudipta Sarkar- Cleared CSIR-NET -November 2020 in Lifesciences.

c) Dr. Mashitha Pise was nominated to the Board of Studies (Biochemistry) as per Section of the M.P.U. Act-2016 U/s40(2)(b)(ii), by the VC, RTM Nagpur University.

## 3. Achievements of the Students:

University Merit and Gold Medal:

- Ms. Anshuli Patki secured 3<sup>rd</sup> Merit position in M.Sc. Biochemistry Semester IV Examination, Summer 2020 and received Dr. R.B. Pawar Gold medal from RTM Nagpur University.

Competitive Exams:

- Mr. Giftson Johnson and Ms. Apurva Wase cleared GATE 2021 in Lifesciences.

Extra-curricular/ Co-curricular Activities:

- Ms. Shreya Gupta
  - Won 1<sup>st</sup> prize in PowerPoint Presentation held by Santaji Mahavidyalaya on “Melting Glaciers” on 28<sup>th</sup> February 2021.
  - Participated in “Yoga for Life Quiz” on occasion of International Day of Yoga 2021, organized by Ministry of Education and MyGov.
  - Participated in “Dekho Apna Desh” webinar quiz episodes conducted from August to September 2021, organized by Ministry of Tourism and MyGov.
- Mr. Prathamesh Ghadole

- a. Completed one week online International workshop on “German language” for beginners level A-1, organized by Department of Information and Technology of Nagpur Institute of Technology, Nagpur from 29<sup>th</sup> June to 4<sup>th</sup> July, 2020.
- b. Participated in “AARI Microbiology Quiz”, conducted by Annakkili Amma Research Institute on 12<sup>th</sup> May 2020.
- c. Successfully completed “Online Chemistry Quiz 2020”, organized by Department of Chemistry, Science College, Pauni, District Bhandara.
- d. Received Certificate of Appreciation by SBI for participating in “SBI NumeroYono Quiz 2020”.
- e. Participated in National webinar, “Expanding Horizons” conducted on occasion of International Science Day on 10<sup>th</sup> November 2020, organized by Hislop School of Biotechnology in association with Department of Chemistry.
- f. Participated in Online Quiz “E-Quiz on Awareness of COVID 19” organized by Department of Economics and NSS, Hislop College, Nagpur.
- g. Received Certificate of Appreciation by Hislop College, Nagpur in Intercollegiate Chemistry Quiz, 2020 on “Chemistry all Around”, organized by IQAC and Department of Chemistry, Hislop college, Nagpur on 5<sup>th</sup> May, 2020.
- h. Participated in “SRUJAN” a four day theatre workshop conducted by Dancing Neurons in May 2021.

**Student Progression/ Placement:**

- Sharmishtha Dasgupta- GVK Lifesciences, Hyderabad
- Shilajit Banerjee- Global Regulatory India Pvt. Limited, Nagpur Branch Office.
- Aditi Pathania- Research Fellow, CIIMS, Nagpur.
- AnshuliPatki- Visiting Faculty at Department of Biochemistry, LAD College, Nagpur.
- Labhesh Khobragade- Global Regulatory India Pvt. Limited, Nagpur Branch Office.
- Priyanka Dave- Advanced Biomedical Sciences, DE MONFORT University, Leichester
- Manjit Gharpure- MS in Healthcare Infection Management at Trinity College, Dublin

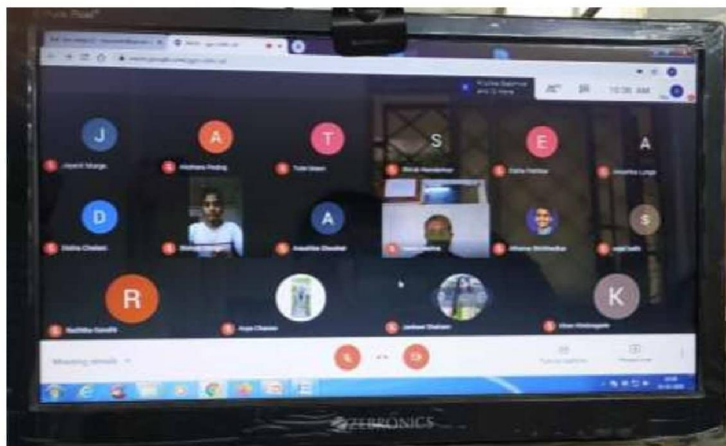
## **Hislop School of Biotechnology, Hislop College Departmental Report (2020-21)**

Owing to COVID-19 pandemic restrictions, Hislop School of Biotechnology organised various curricular, extracurricular and co-curricular activities in virtual mode for the academic session 2020-2021.

### **Departmental Activities**

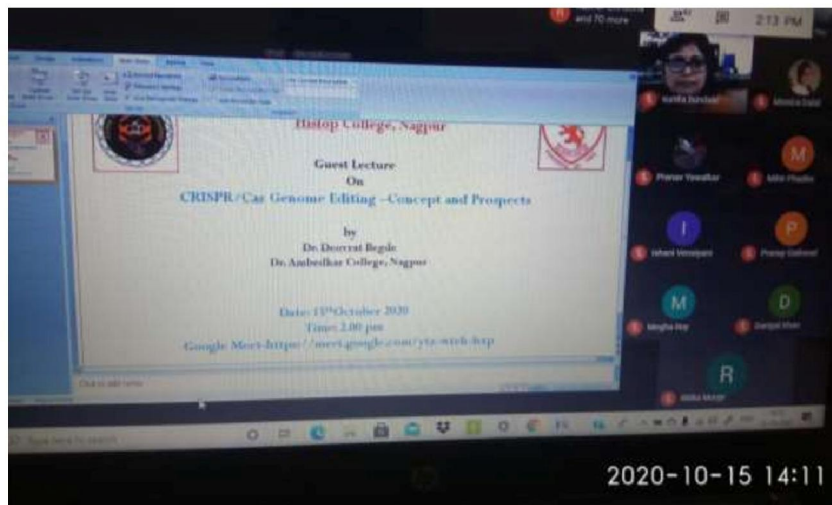
An online orientation program for the incoming B.Sc Semester I students was organized by the department on 9<sup>th</sup> and 10<sup>th</sup> October 2020. The program was held on Google meet platform.

The orientation program was addressed by Dr. Sunita Bundale, Director, Hislop School of Biotechnology. She welcomed the students and introduced them to the other faculty members. The students were also shown a power point presentation exhibiting the infrastructure of the department through photographs. The students were briefed about the research highlights of the department and the research articles published by the department. Further they were also made aware of the departmental co-curricular and extracurricular activities and programs.

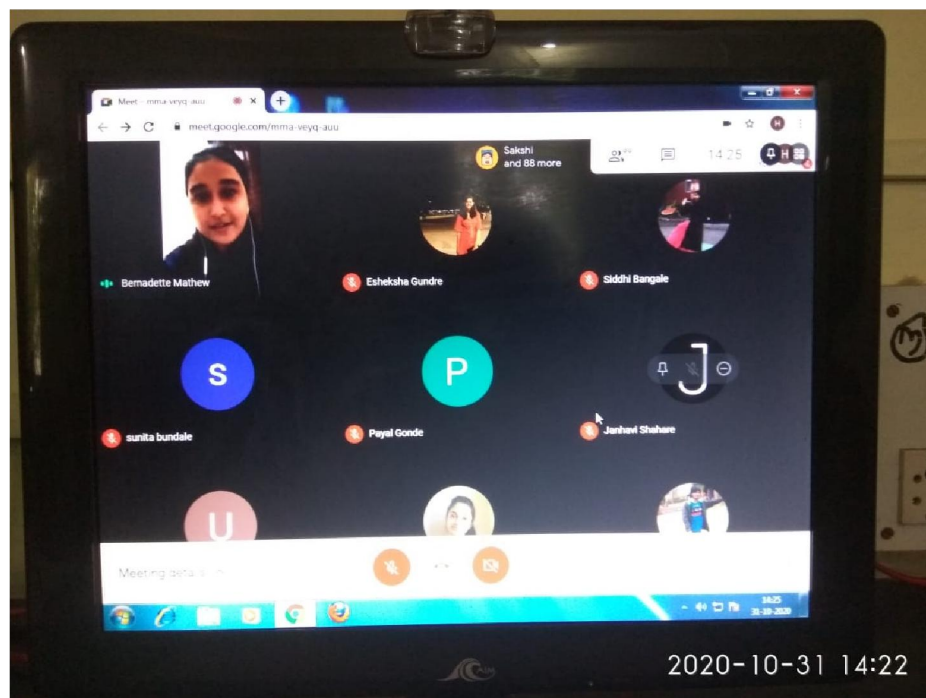


First of the proposed series of guest lectures was held online on Thursday, 15th Oct 2020 at 2 pm and the guest speaker was Dr .Deovrat Begde who spoke on cutting edge molecular biology technique CRISPR –Cas9. The developers of the technique were awarded the Nobel Prize in

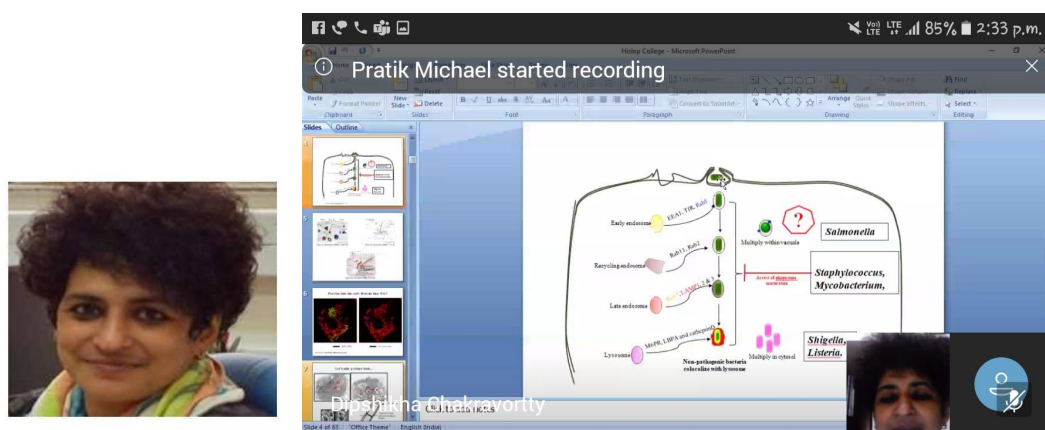
medicine for the year 2020.



On Saturday, October 31<sup>st</sup>, Hislop School of Biotechnology organized an online career counselling seminar for its current undergraduate and postgraduate students. The guest speakers were four extraordinary ex-students, Nidhee Patil- IIT Delhi, Bernadette Matthew- CCMB, Hyderabad, Deepak Khushalani -IIT Kanpur and Shaily Agrawal, CDFD Hyderabad working in premier institutes in India.



On the occasion of International Science Day, Hislop School of Biotechnology in association with Department of Chemistry, Hislop College, Nagpur organized “Expanding Horizons- A National Webinar” on Tuesday 10<sup>th</sup> November 2020. It was addressed by Prof. Dipshikha Chakravorty, Head of Department of Microbiology & Cell Biology, Indian Institute of Science, Bengaluru. The topic of the webinar was “LIFE IN A VACUOLE- why bacteria want to live in the vacuole”. The webinar was attended by more than 300 participants which included undergraduate and post graduate students, research scholars and faculty members from various universities and research institutes from different states like Punjab, Tamil Nadu, Kerala, Madhya Pradesh, Delhi and Maharashtra. The webinar was also streamed live on You Tube.



Hislop School of Biotechnology relaunched their trademark program, "**Concoction**" a Working Science Model Competition albeit in an online mode this year. The event saw wide participation & three best models were awarded cash prizes and certificates in the National Science Day program organized by Scientific Society, Hislop College on 1<sup>st</sup> March 2021.

**Samyojana** is an online learning programme organised by Dr. Anil Kumar Challa, University of Alabama, Birmingham, and Dr. Reddy's Life Sciences, Hyderabad in association with Hislop School of Biotechnology where students get a chance to interact with each other and noted scientists. Students get to read a scientific research paper/article through a platform called "Perusall" every week. Sessions are held every Saturday from 7:30 pm to 9:30 pm where these papers are presented in teams of 3-4 students. Students from Hislop School of Biotechnology, Nagpur who participated in Samyojana 2020 were Abhishek Sinha, Chaitanya Gadekar, Hemant Gabhane, Nidhi Makwana, Pradnya Sawlikar, Riya Soitkar, Sakshi Kotekar, Srushti Chipde, Jyoti Verma and Tabish Ali Quazi.

The department has been organizing a RTM Nagpur university approved **Bioinformatics certificate course** for the past four years. This year it was organized in March 2021 and there were 45 participants.

## MoUs

Hislop School of Biotechnology has signed MoUs with National Research Centre on Pomegranate, Solapur and Vishakha Clinical and Microbiology Lab, Nagpur in the session 2020-21 for research collaboration and student exchange.

### **Staff Achievements**

Dr. Sunita Bundale, Director of the Department, has been recognized as a Ph.D supervisor in the subject Biotechnology by RTM Nagpur University.

Dr. Sunita Bundale with Dr. Ilya Osterman, Principal Scientist, Skoltech, Russia has submitted a project proposal for possible funding against Indo-Russia DST-RSF Joint call for proposals, 2021.

Dr. Sunita Bundale and Dr. Nandita Nashikkar published 1 paper in conference proceedings organized online by Association of Microbiologists of India from 3 – 5 Feb 2021.

Dr.Sunita Bundale has also reviewed research articles for international journals like Journal of Advances in Microbiology, International Journal of Tropical Disease and Health and Journal of drug delivery.

### **Student Achievements**

Ms. Jyoti Singh and Ms. Pallavi Wanjari were awarded Ph.D under Dr. Avinash Upadhyay in the subject Biotechnology by RTM Nagpur university.

Hemanshi Dudani was placed 5<sup>th</sup> in the order of merit in RTM Nagpur University examination (2020) in M.Sc Biotechnology.

Riya Soitkar & Chiatanya Gadekar, B.Sc Sem III students attended a workshop organised by BIIS, Biotech Innovation Ignition School organized by BIRAC under SITARE scheme and coordinated by SRISTI labs, Gujarat from 3-21<sup>st</sup> December 2020. The workshop teaches students about the world of grass root innovations and orient young minds towards research and development in the fields of biotechnology. Kanishka Mhaske and Pradnya Sawlikar, B.Sc Sem IV students got a chance to attend BIIS in the second batch from 20<sup>th</sup> May to 9<sup>th</sup> June 2021.

Siddhi Bangalae, Saurav Angnani, Karthik Shikumar, Aashlesha Pathak and Mihir Phadke BSc. final year students from Hislop School of Biotechnology participated in the oral and poster presentations in the conference organized by The Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination Research (INSCR) in association with The Energy and Resources Institute (TERI), University of Delhi (DU), Indian Agricultural Research Institute (IARI) & Indian National Science Academy (INSA) from 3 – 5 Feb 2021.

Srushti Chipde of B.S Sem IV coordinated a workshop “Srujan” Where the main aim was to relive science through theatre. It was widely attended and acclaimed by students. The “Srujan” workshop also got listed in India BioScience Calender.

## **Student Progression**

Sejal Mahalle and Chetan Nandanwar cleared the coveted DBT JRF exam and were selected in NEERI, Nagpur. Gandhar Pusalkar, Siddhi Bangale and Mihir Phadke cleared the GATE examination. Siddhi Bangale and Karthik Shivkumar also cleared TIFR exam for integrated Ph.D. admissions.

Several students were placed in various organizations, both academic and industrial sector, in the academic year 2020-21. Divya Tiwari, Jayee Pitale, Apporva Masade, Shantanu Ghodkhande joined NEERI, Nagpur as project assistants. Hemashi Dudani and Sonal Silodiya joined CIMMS, Nagpur. Gandhar Pusalkar was as project assistant in Agarkar Institute Pune. Shreyas Sakharwade has been selected as project assistant in IGIB, New Delhi.

In the industrial sector, Sneha Gugnani joined Thermo Fisher, Bangalore as a Junior Scientist. Vaikhari Kathawate was selected in HINDLABS Diagnostic Centre, Nagpur and Navshin Khan and Deepika Verma joined IQVIA RDS Pvt. Ltd as data analysts. Nandini Umredkar has been selected as business executive with Ikon remedies Pvt Ltd.

Shialendra Mohore and Shubham Dorlikar joined Inventys Research Company Pvt. Ltd. And Dhruv Pathology Lab respectively. Pranav Yawlikar has been selected in Medcis, Nagpur and Richa Khajbaje joined Nagpur Sustainability Support Services Pvt. Ltd.

Every year, quite a few students go abroad to pursue higher studies. Tanvi Inamdar went to Leipzig University, Germany and Anjali Manchandia to Gwangju Institute of Science and Technology, South Korea to pursue doctoral research. Shreya Nair joined M.Sc in Wine Management at Burgundy School of Business, France. Esheksha Gundre and Ayushree Diyewar of M.Sc Semester IV have been selected for Masters at Texas A & M University and Northeastern University, Boston respectively.







## **Post Graduate Department of Chemistry**

### **Achievement of the staff**

Dr Lata Deshmukh: 1 paper in peer reviewed international journal , *Anal. Methods*, 2020,12, 4327-4333

### **Achievements of the Students**



				
<b>Sanket Deshpande</b> 2 <sup>nd</sup> Merit M.Sc. Chemistry MH-SET	<b>Vaishnavi Gomase</b> 3rd Merit M.Sc. Chemistry MH- SET	<b>Shweta Nikhar</b> CSIR-UGC NET JRF (Chemical Science) GATE (Chemistry) MH-SET (Chemical Science) Pursuing PhD at IISER Kolkata	<b>Jigmat Stanzin</b> CSIR-UGC NET JRF (Chemical Science) GATE (Chemistry)	<b>Kajal Baseshankar</b> CSIR-UGC NET (Chemical Science) Pursuing PhD at IIT-Bombay
				
<b>Aditya Narnawre</b> GATE (Chemistry) MH- SET (Chemical Science)	<b>Shumaila Sheikh</b> GATE (Chemistry) MH- SET (Chemical Science)	<b>Avanti Talmale</b> MH- SET (Chemical Science)	<b>Ashlesha Kawale</b> M.Sc. Chemistry Project Associate-I at CSIR- National Metallurgical Laboratory(NML), Jamshedpur	<b>Animesh Bhattacharya</b> M.Sc. Chemistry CSIR-Summer Research training Program (CSIR- NEIST)

## *Department of Botany*

### ❖ PROGRAMMES ORGANISED BY THE DEPARTMENT

#### I. FLOWER SHOW 2020-21

The Annual Flower Fest of Hislop was inaugurated at the hands of Mr. Nishant+ Gandhi, NMC Corporator, amongst the presence of Dr Vijay Naidu, Career & Higher education counselor & an eminent alumnus, the principal, Dr. Prashant Shelke, Vice principals Dr. Ajay Yoel and Dr. Pratik Michael and Head Department of Botany, Dr. Mousumi Bhowal. The event is the 17th edition of a floral extravaganza at Hislop which marks an important event of the winter calendar of the city and this year is even more special as this carnival of colors comes as a ray of hope in the challenging times we live in. The sixth edition of Papillion, which is a subset of the flower show and involves school students for painting competition, was organized online with the theme of flowers around you. An overwhelming number of entries were received for painting, photography and recitation competitions with some excellent perspectives.

#### II. FESTIVALS AND PROGRAMME

TITLE:	<b>National Intercollegiate Online Festival on Wildlife: A Student event</b>
GIST:	Hislop College hosted Wildlife Week Celebrations, (October 2-8 2020) with an Online National Intercollegiate Competition. The collaborative programme was conducted by the IQAC, Faculty of Sciences and the Environmental Cell. The theme of the programme was drawing attention of the student participants to the wildlife crisis that our planet is facing in terms of rapid urbanization, decreasing forest covers, irregular seasonal changes and forest fires. The event

was categorized into Wildlife Quiz, Essay writing poster making and creative writing.

**The winners in various categories are**

**Wildlife Quiz-**

**First** -Mr. Rishav Kumar Jha, Gandhi institute of Engineering & Technology Gunupur, Odisha

**Second**-Ms. Srushti Chipde, Hislop College

**Third** - Ms. Riya Joseph, Hislop College.

**Essay writing-**

**First** – Ms. Tejaswini Dhurde, Hislop College, Nagpur

**Second** – Mr. Anand Mahadevrao Pachre. College of Agriculture, Dapoli

**Third** - Ms. K Rachel Madhurima, Agricultural College Bapatla and Ms. Sanskriti Thapliyal of Hislop College shared the third prize.

**e poster-**

**First** – Ms. Reah Thakre, Hislop College, Nagpur

**Second** – Ms. Payal Namdeorao Chafle Bajaj College of Science, Wardha

**Third** - Mr. Yash Nitin Mahule, Shivaji Science College Nagpur

**Creative writing**

**First** – Ms. Sanjana Kamble, LAD College, Shankar Nagar, Nagpur

**Second** – Ms. Shiney Beulah J, Women's Christian College, Lucknow

**Third** - Ms. Deeksha Shakya, Hislop College, Nagpur

**III. GUEST LECTURES**

**Science Talk: November 7, 2020**

RESOURCE PERSON: Dr. Bandana Sawant  
Associate Professor, Department of Geology,  
RTM Nagpur University Nagpur, Maharashtra

TITLE: **Climate and Plants of Prehistoric time**

GIST: Sensitize students on Palaeontology as an application based multi-disciplinary branch of science. She discussed the idea of Evolution verses Creation which was proposed by Charles Darwin. The lecture concluded with an open discussion, where students asked questions and queries related with the topic to our guest speaker to satisfy their curiosity.

#### IV. VALUE ADDITION

##### A. Masters' Paradigm: Season -2: National Webinar Series on Science & Scientific Aptitude - February 4 to 6, 2021

RESOURCE PERSON: Dr. Amitava Das  
Principal Scientist, IICT Hyderabad

TITLE: **Molecular cure of Cancer**

RESOURCE PERSON: Dr. Amit Godbole  
Deputy Manager, Serum Institute of India Ltd.

TITLE: **Vaccines with special reference to COVID Vaccines**

RESOURCE PERSON: Dr. Anagha Patil & Dr. Ashish Jha  
Department of Environment, Institute of  
Science, Nagpur  
Department of Zoology, Hislop College, Nagpur

**TITLE: Wetland Conservation**

**GIST:** The Departments of Botany and Biochemistry and the Internal Quality Assurance Cell, Hislop College, jointly organized a 3 day National webinar series bannered “Masters’ Paradigm: Season -2”, from February 4 to 6, 2021 for students. In the wake of the current scenario, the series aimed to provide an exposure on relevant scientific developments of the recent times. The 3 day programme brought to its ambit, 3 key aspects of concern ranging from Cancer research to Vaccine manufacturing to Wetland Conservation.

**B. National Lifescience Entrepreneurship Awareness Programme- January 28, 2021**

**GIST:** Entrepreneurship Development cell, Departments of Biochemistry and Botany of Hislop College, Nagpur jointly organized an awareness Programme on Bio-Entrepreneurship in collaboration with BIRAC Regional Entrepreneurship Center (BREC). Dr. Bhavisha Wala, Entrepreneurship Development Manager Centre for Cellular and Molecular Platforms (C-CAMP) conducted the first session and encouraged students to view entrepreneurship as a positive career option. She also explained about the essential elements of a start-up ecosystem such as Policy, Funding, Incubation and Mentoring. The last session was an interactive session with bioentrepreneur, Ms. Teena Paul, Founder Director of Giftolekia Solutions Pvt. Ltd. where students were enlightened on “Why, When and How” of Entrepreneurship .

## V. **JOB ORIENTED CERTIFICATE COURSE**

### RTMNU Certified Course in Allied Agricultural Skills

Due to outbreak of Corona virus (COVID-19) this year an online training on floriculture was provided to the students as it has immense potential for generating gainful self-employment. The course had a batch of 30 students and was conducted from April 14, 2021 to April, 30 2021. This 30 hour online programme was conducted in collaboration with RTM, NU under its Jeevan Shiksha Abhiyan project. The course included topics on general Floriculture techniques, including training the students' techniques for production of planting materials like seeds, cuttings, budding, grafting, gardening, tissue culture techniques, mushroom cultivation and vermicomposting with its bio fortification.

## ❖ **ACHIEVEMENTS OF THE STAFF**

### **I. PUBLICATIONS**

- 4 Publications in International Journal

### **II. Award**

- **Dr. Mayank Varun-All India Best Publication Award 2020**, Society for Advancement of Human and Nature, Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh February 28,2021.

## ❖ **ACHIEVEMENTS OF THE STUDENTS**

### **I. CURRICULAR & CO-CURRICULAR ACHIEVEMENTS**

- **Ms. Kajol Das secured 2nd Merit Position in the RTM NU Merit list for M. Sc Botany in Summer 2020 Examination.**
- **Ms. Manisha Pandey Cleared CSIR-NET June 2020, AIR 50**
- **Mr. Punyashil Shahare secured 3rd Prize in State level Inter Collegiate Botany Quest 2020 held by Department of Botany, Hindu College Guntur**
- **Mr. Anup Kodape joined CSIR-CFTRI Mysuru to pursue doctoral research in Biological Sciences.**
- **Ms. Sheetal Choudhary** was awarded doctoral degree for her Research from RTM NU under Dr. Ashwajit A. Fulzele
- **Ms. Priyanka Ghodpage** was awarded doctoral degree for her Research from RTM NU under Dr. Ashwajit A. Fulzele
- **Mr. Dimraj Bawankar** was awarded doctoral degree for her Research from RTM NU under Dr. D. M. Mate
- **Mr. Prashant M. Ganvir** was awarded doctoral degree for her Research from RTM NU under Dr. D. M. Mate
- **Mr. Virendra Thongasa** was awarded doctoral degree for her Research from RTM NU under Dr. D. M. Mate

## II. STUDENT PROGRESSION

1. **Sweety Asari**- PG Programme Botany- Hislop College
2. **Riya Gupta**- PG Programme Botany- Hislop College
3. **Jasmine Sheikh**- PG Programme Botany - Hislop College
4. **Surbhi Asati**- PG Programme Botany - Hislop College
5. **Arnav A Bhattalwar**- PG Programme Botany- Hislop College
6. **Rashmi Raske**- PG Programme Botany - Hislop College
7. **Samiksha Lonare**- PG Programme Botany - Hislop College
8. **Revati Kachore**-- PG Programme Botany PGTD Campus, RTM, NU
9. **Ankit Wankhede**-ITI Draughtsman Mechanical, Govt. ITI, Nagpur
10. **Swapnita Awale**-Interior Designing Course-Cadence Academy, Nagpur
11. **Zeba Akhtar**- Pursuing MBA, Central India College of Management
12. **Glory Gajbe**- Pursuing MBA, Dr. Ambedkar Institute of Management Science and Research
13. **Pallavi Kakde**- Pursuing MBA, Pridarshini Lokmanya Tilak Institute of Management and Research

## III. EXTRA CURRICULAR ACHIEVEMENTS

The department won Prizes in different categories of plant representations at 112nd FLOWER SHOW & PLANTS SHOW organized by Nagpur Garden Club & The Hitavada VIRTUAL MONSOON SHOW 2020 (In memory of Smt. Kusumtai Wankhede) on Sunday, 13th September, 2020

- **FIRST PRIZES**                      **1**



Department of Statistics  
Departmental Report 2020-21

**Activities Conducted:**

**1) World Statistics Day Celebration:**

The Department of Statistics of Hislop College celebrated the World Statistics Day, a five-yearly event, on 20.10.2020 by organizing an intercollegiate event 'Statopia' for the students of Statistics affiliated to RTM Nagpur University. It was the third World Statistics day, since 20.10.2010. This year the theme was 'Connecting the world with Data we can trust'.

In the event Statopia two competitions were conducted; namely FYI and Imposter competitions. FYI (For Your Information) was organized with an objective of knowing Statistics heritage. Ten students from 5 different colleges participated in this competition and briefed the audience about life and work of eminent National and International statisticians like Prof. P. C. Mahalanobis, Prof. R. A. Fisher, Prof. C. R. Rao, Karl Pearson, W. A. Gosset, Cox, Demig, Florence Nightingale, Thomas Bayes' and Debabrata Basu..

In the Imposter competition, seven students from various colleges presented their statistical diagrams / graphs in terms of beautiful e-posters based on real data sets available on net / in news papers. They interpreted their data sets with the help of prepared e-posters very well. The objective of this competition was to be able to represent and interpret the data correctly. This competition reflected the theme of World Statistics day very well. In addition to these competitions there were many interesting fillers presented by 14 student members of Statopia host team of Hislop College. These fillers gave many interesting examples of manipulation of data worldwide and stressed the importance of collection of valid and accurate data.

Ms. Emelin Mathew of Institute of Science, Nagpur and Ms. Paridhi Singh of Shivaji Science College, Nagpur bagged respectively the first and second prize in FYI competition.

Mr. Tejas Junankar of Hislop College was the winner and Mr. Sahil Pawar of Institute of science was the runner up in Imposter competition.

**2) Online Seminar Presentation Competition for B. Sc. Semester-V**

The Department of Statistics conducted 'Online Seminar presentation competition' for the Semester-V students of Statistics from 29<sup>h</sup> to 31<sup>st</sup> November 2020. Five students delivered their online seminars on the topics assigned from Statistics paper-I using Google meet platform.

The online presentation quality was extremely good. The review method for the seminar was also innovative.

The result of the competition was decided on the basis of the score assigned by the student audience and the teacher to remove the bias in declaring the winner. Student audience was asked to send the

rating on a 5 point scale (5 being best and 1 being poor presentation) for the presenter after each seminar. The scores were averaged and pooled with teacher's score to decide the final score for each participant. The participant with highest score was declared as winner.

Mr. Pranav Bakal received the first prize of Rs. 500/- and Ms. Shradha Chhajed bagged the second prize of Rs. 250/- in the B. Sc. Semester V seminar presentation competition.

### **Online Seminar Presentation Competition for B. Sc. Semester-III**

The Department of Statistics conducted 'Online Seminar presentation competition' for the B. Sc. Semester-III students of Statistics 28<sup>th</sup> October, 1<sup>st</sup> November and 4<sup>th</sup> November 2020. Five students delivered their online seminars on the topics assigned to them from Statistics paper-II using Microsoft Teams platform.

### **3) Webinar: Statistics in Ayurveda- A Case Study**

The Department of Statistics has organized a webinar on 'Statistics in Ayurveda-A case study' by Prof. Madhukar Kasture, Head, Department of Statistics, New College of Arts and Science, Ahmednagar, for the students of Statistics. The webinar was conducted on zoom platform on 25<sup>th</sup> January 2021 at 3:00 pm.

The objective of this webinar was to make the students aware of applications of Statistics in other disciplines and to make them aware about how statistical analysis is carried out in Ayurveda to prove the efficacy of an Ayurvedic medicine for the treatment of diabetic nephropathy.

The guest speaker Prof. Madhukar Kasture delivered an informative talk about the applications of statistics in Ayurveda. He first introduced the concept of the diabetic nephropathy and its problem statement to the audience. Explaining the Ayurvedic treatment to this disease, he introduced the terms of Kadha and Basti. He then defined the dose of concerned Ayurvedic medicine for diabetic nephropathy and gave thrust on related statistical analysis to establish the efficacy of the Ayurvedic medicine.

### **4) Peer Interaction with Alumnus of the department:**

Department of Statistics organized Peer Interaction programme for all students of Statistics in Semester-II, IV and VI on Thursday 11<sup>th</sup> February at 2:45 pm on Google meet.

The alumnus of the department, Mr. Sourabh Gupta who has passed out in 2019-20 and now pursuing his post graduation in Statistics from Delhi University, interacted with student audience and guided them on 'how to prepare for PG entrance examinations of reputed universities in India'. The audience asked him many questions and he answered all their queries.

Sourabh Gupta's peer session was followed by another peer session by Ms, Sachita Agrawal, an alumna of Statistics Department who has qualified ISS 2020-21 examination, guided the students on 'How to prepare for Indian Statistical Service Examination'. She explained paper wise structure of ISS examination. She guided them about the eligibility criteria for the examination and stressed that although the basic requirement is B. Sc. with Statistics as one of the subjects, it is better to appear for the examination after post graduation in Statistics. Her session was also very interactive and many students asked her their queries.

### **5) Virtual Farewell Meet**

The first year students of Department of Statistics came forward and took initiative along with second year students for arranging a grand innovative online virtual farewell function for the final year students on 16<sup>th</sup> May 2021. The entire program was so warm with outpouring emotions of the outgoing students. This was a unique concept of giving a farewell in a virtual way. The program started at 4:00 pm on Microsoft Teams with a soothing speech by first year students, followed by some amazing games such as Code Names, Tag names, Guess the Movie, Tongue twister, Guess the Song and the 7 Seconds Game. The tunes of songs were played on Guitar and seniors were asked to identify the correct song. The games were unique and perfectly arranged so that every final year student participated and enjoyed them a lot.

### **6) Celebration of National Statistics Day:**

Department of Statistics, Hislop College, Nagpur celebrated 129<sup>th</sup> Birth Anniversary of Dr. Prasanta Chandra Mahalanobis on 29<sup>th</sup> June 2021, as the 15<sup>th</sup> National Statistics Day. An innovative online programme was organized by the Department for the students of Statistics from 5 colleges affiliated to RTM Nagpur University on Microsoft Teams platform.

Dr. Kumud Kherdekar Gore, former Principal, Government Arts and Science College, Aurangabad was the guest of honour and she was the judge for the Intercollegiate Statistical Enigma Competition.

Organizing team of students presented the life and work of Dr. Prasanta Chandra Mahalanobis very innovatively in the form of dialogues, interactive conversations and presenting stacks of memorable photographs. They highlighted all important events in the complete tenure of Dr. Mahalanobis. It created the impression of watching an interesting documentary film on life and work of this famous statistician of Indian origin.

This was followed by a clue based competition on statisticians, titled as 'Know Your Statistician' with an objective to make students aware of the statistician's contribution in inventing statistical techniques..

The second competition for audience was the 'Stat Maze' which received an amazing response. On the basis of statistical clues, the 22 words in the maze were enthusiastically and amazingly filled by the student audience.

The third competition was an innovative of its kind- Intercollegiate Statistical Enigma Competition. In this competition 11 students participated. They were asked to choose the topics /concepts in their Statistics syllabus which they feel are counterintuitive and were asked to present the topic in such a way that concept will be cleared to audience. They were asked to do this with the help of power point presentations. This competition was very innovative and lucid presentations and the interaction with the judge Dr. Kumud Gore, cleared all doubts of participants as well as the audience.

The last competition was a bunch of six online cross-word puzzles; titled-Whats the Good Word? Cross word puzzles appeared on screen sequentially. Dr. Jyoti Shiwalkar gave clues to identify the correct word. This competition received an overwhelming response from the audience.

The prizes for Intercollegiate were declared as follows:

Statistical Enigma competition:

First Cash Prize of Rs. 1000/- Ms. Titiksha Lokhande –Institute of Science

Second Cash prize of Rs. 500/- Ms. Afsha Shelkh- Hislop College,

Third Cash prize of Rs, 500/- Ms. Bhumika Gajbhiye, Hislop College

Pleasant surprise cash prize of Rs. 500/- was declared by the organizers at the end for scoring maximum points by giving correct answers in the three audience competitions. This prize was received by Mr. Hemant Nikhade from Institute of Science.

#### **.Students' achievements:**

- ✓ **Mr. Pranav Bakal** B. Sc. Semester VI student has qualified the entrance examination and got admission to M.Sc. Statistics programme at Christ University Bangalore campus from the session 2021-22.
- ✓ **Mr. Tejas Junankar** B. Sc. Semester VI student has qualified the entrance examination and got admission to M.Sc. Data Science programme at Christ University Pune, Lavasa campus from the session 2021-22.
- ✓ **Ms. Riya Bhadoriya**, student of Semester-II and **Mr. Rounak Pahuja** student of Semester-IV were placed second and fourth respectively in the merit list of National level P. C. Mahalonobis Memorial Online Statistics Quiz conducted on 28<sup>th</sup> June 2021, organized jointly by Indian Society

for Probability and Statistics (ISPS) , Kerala Statistics Association (KSA) and Department of Statistics of University of Kerala, Trivandrum.

- ✓ **Ms. Afsha Sheikh**, student of Semester-IV received consolation prize in the International Monomousami Star Presenter Award for her short animated film on ‘Racism’ in April 2021. Monomousami is an International Organization from West Bengal and publishes ‘Weaver Magazine’. This organization conducted International Essay writing competition, article writing and Star presenter award globally to encourage young writers.

**Afsha Sheikh** has also been listed in the Outstanding and Praiseworthy category of the International Essay Writing competition conducted by this organization in October 2020.

#### **Teacher’s Achievement:**

- ✓ Dr. Jyoti Shiwalkar delivered an invited talk on ‘Learning Statistics Experientially’ in a State Level online workshop on zoom under DBT-STAR college scheme , organized by New Arts , Commerce and Science College, Ahmednagar, on 5<sup>th</sup> November 2020 from 10:30 am to 12:30 noon.
- ✓ Dr. Jyoti Shiwalkar delivered an invited talk on ‘Statistics for Informed Decision Making’ in an online one day SDP on "Applications of Mathematics and Statistics in real life" organized by Department of Applied Mathematics and Humanities, YCCE, Nagpur for the students of first year B.E. on 26th March 2021 from 11:00 am to 1:00 pm.
- ✓ Dr. Jyoti Shiwalkar’ has published one chapter as a co-author in an Internationally published book ‘New Ideas Concerning Science and Technology’ Vol.-I chapter-8; pp-74-90 ; ‘Recent Studies on Spatial, Thermal, and Lighting Impact on the Efficiency and Comfort of Users in Indian Workspaces’ ISBN 978-93-90149-70-4 (Print), ISBN 978-93-90149-31-5 (eBook)

## **Department of Mathematics** Report (2020-21)

#### **I) Programs / Seminars / Conferences organized by the Department:**

1. 26.6.2020 - Conducted “**Online Students’ Survey: Interest, Internet Facility & Intuition**” for UG students of Mathematics responded by 303 participants.

2. 5.7.2020 - On the occasion of Guru Poornima, arranged a Google Meet for students of Semester 2, 4, 6 and conducted **"Farewell Event for Semester 6"**, attended by 100 participants.
3. 11.7.2020 - Interactive session with teaching staff of Mathematics, Statistics and Computer Science on **"OBS and Teaching Technology"**.
4. 9.9.2020 - Interactive session for students of Semester 2, 4, 6 entitled **"An attempt to clarify students doubts regarding examination and admissions during pandemic situations"**, attended by 100 participants on Google Meet (having 1271 views on "Ganeet Darshan" YouTube channel).
5. 13.9.2020 - Teachers' Day virtual virtual celebration entitled **"Samarpan ko Naman"** organized by students of Mathematics.
6. 16.9.2020 - Interactive session on **"Backlog Exam"** through Google Meet attended by 44 participants (having 446 views).
7. 1-10 October, 2020 – **"Bridge course for Sem I"** on Google Meet attended by 75 students in an average.
8. 26.10.2020 - Introduced **"ATM Model"** and **"GST"** to students of B.Sc. Semester I.
9. 6.11.2020 - Delivered an Awareness Talk on **"Reopening of Colleges: Online Classes & Students Role"** (having 786 views).
10. 26.12.2020 - Conducted a Google meet for students having **"ATKT Exam of Summer-2020"** to be held at college level (having 748 views).
11. 1.1.2021 - Launched Quiz (sample MCQ's for Sem 1 to 6) titled as **"Happy New Year-2021 (HNY-2021)"**, responded by 254 participants from 17 colleges including Madanpalli to Jaipur.
12. 22.1.2021 - Conducted a session on **"Live Classes & Offline Exam (Winter-2020)"** (having 273 views).
13. 5.4.2021 - Interactive session with students related to **"Winter-2020 exam of RTMNU"** (having 317 views).
14. 28.4.2021 - Informative session on **"Project MCQ's"** and **"Announcement of M.Sc. Mathematics at Hislop College"** (having 80 views).
15. 19.5.2020 - Interactive session on **"How to Prepare for RTMNU B.Sc. Math Exam"** (having 1655 views).
16. 25 May to 15 June, 2020 - Conducted **"SIX Mock Tests on MCQ's pattern"** for Sem 2, 4, 6, registrations by 722 students of 23 colleges under RTMNU.
17. 25.5.2021 - Live session **"Mock Test Review"** (having 729 views).
18. 28.5.2021 - Talked on **"Will Online Classes Ever End?"** (having 72 views).
19. 8.6.2021 - Live session **"Instructions for Mock Test 3 & 4"** (having 626 views).
20. 12.6.2021 - Live session **"MEGA Shift for Mock Test 5 & 6"** (having 486 views).
21. 16.6.2021 – **"Meeting with ATM's (Assistant Teachers' Mentors)"** for future work.

## II) Achievements of the staff:

### **Publications / Paper presented:**

#### **Dr. Rishi Agrawal -**

1. Manuscript entitled "Role of Digital Root in Number Theory" has been accepted for publication in the Journal of Dynamical System and Geometric Theories as per the referee's recommendation (mail received dated 12<sup>th</sup> January 2021)
2. Presented a research paper on the topic "Divisibility by Osculation Process from Vedic Mathematics" in the 9<sup>th</sup> National Conference on Mathematics Education organized by NCERT, Regional Institute of Education, Bhopal through online mode during 20-22 December, 2020.
3. Published book as Editor and an Author - B.Sc. Semester I, New Edition as per CBS pattern on 2<sup>nd</sup> November, 2020 having ISBN 978-93-90515-49-3 under Himalaya Publishing House.
4. Published book as Editor and an Author - B.Sc. Semester II, New Edition as per CBS pattern on 23<sup>rd</sup> April, 2021 (International Book Day) having ISBN 978-93-5202-421-6 under Himalaya Publishing House.
5. Poem titled "CORONA Ek Parivartit Drishtikon: NA ROKO" published in e-Book "Verses During Lockdown" having ISBN 978-81-944165-4-8 in the Poetry Competition by Vidyasagar Kala Mahavidyalaya, Khairee, Bijewada in the month of June, 2020.

### **Extra-curricular Achievements & Award:**

#### **Dr. Rishi Agrawal -**

1. Invited member for the revision of Curriculum/Syllabus during 7 to 30 June, 2020 at Department of Mathematics, RTM Nagpur University, Nagpur.
2. Subject expert for holding Seminar of Ph.D. registered student in Gondwana University, Gadchiroli at Nilkhantrao Shinde Science & Arts College, Bhadrawati on 13<sup>th</sup> October, 2020.
3. Expert in the Selection Committee Meeting for selection of Assistant Professor in Mathematics (PG) at VMV College, Nagpur on 18<sup>th</sup> December, 2020.
4. Subject Expert for Ph.D. viva at Institute of Higher Learning, Research and Specialized Studies at Nilkhantrao Shinde Science & Arts College, Bhadrawati on 19<sup>th</sup> December, 2020.
5. Paper Setter for Chhattisgarh Public Service Commission, Raipur letter dated 29<sup>th</sup> January, 2021.
6. Nominated as a member in Board of Studies, Mathematics, RTM Nagpur University, Nagpur as per notification No, RTMNU/Acad/SC/21/459 dated 8<sup>th</sup> March, 2021.

#### **IV) Invitation as a resource person / guest etc.:**

##### **Dr. Rishi Agrawal -**

1. 18.6.2020 - Delivered a Webinar entitled “Learn LaTeX: Lead the Latest” for Shri R.R. Lahoti Science College, Morshi, Amarwati.
2. 28.6.2020 - Resource Person for KMGP Webinar “Challenges Before Junior College Math Teachers in view of Teaching and Syllabus Post COVID-19”. My topic was – “Approaches to overcome Challenges”.
3. 31.7.2020 - Delivered a Webinar Talk on “Introduction of Group Theory” for Online One Month Contrywide National Science Student Development Program (CWNSSDP-2020) organized by Netaji Subhashchandra Bose College, Nanded.
4. 19.9.2020 Delivered a Webinar on “Fields of Mathematics and Secret of Success” for Priyadarshini College of Engineering Mathematics Club.
5. 26.9.2020 Delivered a Webinar on “Vedic Mathematics” for School of Scholars.
6. 4.2.2021 Delivered a talk on “Vedic Mathematics” for Students’ Induction Program at Rasoni College of Engineering, Nagpur (attended by 103 students of Mechanical and Civil Branch).
7. 6.2.2021 Delivered a talk on “Vedic Mathematics” for Students’ Induction Program at Rasoni College of Engineering, Nagpur (attended by 273 students of Computer Science & IT Branch).

#### **V) Participations in Workshop/Webinar/ e-Conference/ FDP/ STTP/ Orientation:**

##### **Dr. Rishi Agrawal -**

1. 18-20 June, 2020 - Successfully completed the 3 Day Online Short Term Training Programme on “LaTeX for Everyone” organized by Department of Engineering Sciences, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai.
2. 25.6.2020 – One Day National e-Conference on “Recent Trends and Skills for Innovative Teaching-Research in Mathematics” organized by Smt Radhabai Sarada Arts, Commerce & Science College, Anjangon Surji, Amravati.
3. 26.6.2020 - Participated and scored 100% in the Mathematics Quiz for Undergraduate students organized by Department of Mathematics, Seth Keasrimal Porwal College of Arts & Science & Commerce, Kamptee, Nagpur.
4. 3.7.2020 - National Level Webinar “Digital Transformation in Educational Institutes” organized by St Francis De Sales College, Nagpur.



5. 10.7.2020 – Webinar on “Virtual Labs: Effective Tool for Teaching and Learning” organized by Cummins College of Engineering for Women, Nagpur in association with AICTE & Virtual Lab, Centre for System Design, NITK Surathkal.
6. 23.7.2020 – Successfully completed 5 Day Program on “IT Skills for Smart Teaching” organized by Rotary International District 3132.
7. 29.7.2020 – National Webinar on “An Insight towards Assessment & Accreditation Process for Affiliated Colleges in India” organized by IQAC, RTM Nagpur University, Nagpur in association with NAAC, Bangalore.
8. 7.8.2020 - Attended “Conclave on Transformational Reforms in Higher Education” under National Education Policy-2020 organized by UGC and MHRD.
9. 8.8.2020 – National Webinar “Vartmaan me Vedic Ganeet ki Upyogita” organized by Shiksha Sanskruti Utthan Nyas and Esmile National Mahila PG College, Merut.
10. 8.8.2020 - Webinar on “Managing Stress through Science & Spirituality: In Context of Children, Parents and Teachers” jointly organized by NIDM, Ministry of Home Affairs, Govt. of India and Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur.
11. 8.8.2020 – Webinar on “Role of Guardians and Teachers in De-Stressing Children Through Science and Spiritually” organized by Child Centric Disaster Risk Reduction Centre, NIDM, Ministry of Home Affairs, Govt. of India.
12. 6.9.2020 - Attended Webinar by KMGP on “Online Classes and Evaluation”.
13. 14.10.2020 – Conducted regional Webinar on “Impact of Climate Change on Occupational Health and Safety-Consequences for Natural Environment” jointly organized by IGNOU RC Nagpur and IQAC, Hislop College, Nagpur.
14. 29.10.2020 - Attended Webinar on “Applications of Mathematics in Daily Life” by Dr. Prashant Dhongle, S.K. Porwal College, Kamptee, Nagpur.
15. 5.11.2020 – National Webinar on “Geometry: The Great Contribution of India (History of Indian Mathematics)” organized by Department of Mathematics and IQAC of Deshbandhu College, University of Delhi.
16. 7.11.2020 – Webinar “Basics of Intellectual Property Rights” organized by Satish Pradhan Dnyanasadhana College, Thane.
17. 11.11.2020 - Participated as compered National Webinar on “National Education Day - 2020” conducted by IGNOU Regional Centre, Nagpur.
18. 27.11.2020 - Attended Webinar on “Cyber Security” organized by HRD Cell, Hislop College, Nagpur.
19. 3.12.2020 - Attended Webinar on “Let’s Create an Inclusive Society” organized by HR & EO Cell with IQAC, Hislop College, Nagpur.
20. 16.12.2020 - Conducted event of Hislop Scientific Society as Interactive session on “COVID-19: Health Related Issues”. Speaker was Dr. Nitin Shende, Alexis Hospital, Nagpur. Till vote of Thanks, 223 participants were present.
21. 22.12.2020 – Participated in “National Mathematics Day and Survey Competition-2020” through Online Quiz with 80% score, organized by Swami Vivekanand Govt. PG College, Harda, M.P.

22. 10.2.2021- Participated in scrutiny and interviewing process for HOPE scheme by HISCAAN, Nagpur.
23. 1.3.2021 – Conducted “National Science Day-2021” jointly organized by Science Society, HSB, IQAC, Hislop College, Nagpur with ‘Concoction’ and a talk on ‘Science in Day-to-Day Life’ by Dr. Pradeep Muktibodh, Retd. Prof. of Mathematics, Hislop College, Nagpur.
24. 8.3.2021- Attended IGNOU’s event on ‘International Women’s Day’ Live on YouTube.
25. 21.3.2021 - One Day Webinar on “Drawing using LaTeX” organized by Department of Mathematics, St. Xavier’s College, Mapusa-Goa on the occasion of National Mathematics Day-2020.
26. 24.3.2021 – National Level Webinar on “Intellectual Property Rights (IPR)” organized by Shri R.R. Lahoti Science College, Morshi, Amravati.
27. 8.4.2021 - National Webinar on “The Use and Importance of Digital Library for students of the college” organized by Janta College, Bakewar, Etawah, U.P.
28. 1-7 May, 2021- Attended One Week National FDP on “E-content and ICT Tools for Innovative Teaching and Learning” conducted by RCP Universe Group of Institutions, Roorkee.
29. 9.5.2021 - National Webinar on “Role and Responsibilities of Teacher in Present Scenario” organized by Educational Planet and Eduweapon Classes, Moradabad.
30. 13.5.2021 - Attended IGNOU’s Coordinators Online Meet.
31. 16.5.2021 – One Day National Workshop on “National Education Policy 2020 – Implementation and Challenges” organized by Priyadarshini Institute of Engineering & Technology, Nagpur.
32. 26-28 May, 2021 – Three Days “Training cum Faculty Development Programme on Basics of Disaster Management and Disaster Risk Reduction” organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur.
33. 8-10 June, 2021 – Three Days National Online FDP on “ICT Tools for Effective Teaching Learning” organized by IQAC, Kamla Nehru Mahavidyalaya, Nagpur.
34. 9-11 June, 2021 – Attended Webinar on “Paradigm Shift in Higher Education: During and After COVID” organized by ABVP Maharashtra. Presented own thought as HOPE (Happy, Optimist, Parenting, Explore).

**Mrs. Sudha Rani Dehri –**

1. Four-week Induction/Orientation Programme for “Faculty in Universities/Colleges/ Institutes of Higher Education” organized by TLC, Ramanujan College, University of Delhi, Delhi from 4<sup>th</sup> June to 1<sup>st</sup> July 2020.
2. Three days online Short Term Training Programme on “Latex for everyone” organized by department of Engineering Sciences, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai from 18<sup>th</sup> June to 20<sup>th</sup> June 2020.
3. Short Term Training Programme on “Gender Equality, Gender Bias, Women’s Right and Stereo Typing” organized by IIIT Nagpur from 22<sup>nd</sup> June to 26<sup>th</sup> June 2020.

4. Webinar on "Mathematics & Applications of Mathematics" organized by Department of Applied Sciences, Mathematics and Humanities, Pillai College of Engineering, New Panvel from 27<sup>th</sup> June to 29<sup>th</sup> June 2020.
5. Webinar on "Machine learning through Google Colab" organized by Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior on 12<sup>th</sup> July 2020.
6. National webinar on "Breast Cancer Awareness & Nutritional Considerations- Need of an Hour" organized by PG Department of Home Science, RTM Nagpur University, Nagpur on 14<sup>th</sup> July 2020.
7. Five Day International Conference (online) on "Recent Trends in Mathematics and Its Applications to Graphs, Networks and Petri Nets" organized by School of Computational and Integrative Sciences, JNU, New Delhi from 20<sup>th</sup> July to 24<sup>th</sup> July 2020.
8. Two Day International Conference (online) on "Emerging Trends in Vedic Mathematics and Applications in Science, Technology and Social Sciences Research" organized by Special Centre for E-Learning, JNU, New Delhi from 16<sup>th</sup> Aug to 17<sup>th</sup> Aug 2020.
9. Webinar on "MATLAB & Simulink Fundamentals" organized by Department of Mechanical Engineering, SND College of Engineering & Research Centre, Yeola on 17<sup>th</sup> Aug 2020.
10. Six Days Online FDP on "Applications of Mathematics in Engineering and Sciences" organized by Department of Humanities and Sciences, Sri Venkateswara Institute of Science & Technology, Kadapa, A.P. from 20<sup>th</sup> Aug to 25<sup>th</sup> Aug 2020.
11. One-week Online Workshop on "Learn Latex for Research using Overleaf" organized with the support from Overleaf under the Overleaf Advisor Programme from 24<sup>th</sup> Aug to 30<sup>th</sup> Aug 2020.
12. One-week Hands-On FDP on "Artificial Intelligence using Python" organized by Department of Computer Science and Engineering, ST. Mary's Integrated Campus Hyderabad in association with Brainovision Solutions India Pvt. Ltd. & National Youth Council of India from 14<sup>th</sup> Sep to 19<sup>th</sup> Sep 2020.
13. International Webinar on "Mathematical Applications in Human Cognition and Neuroscience" organized by Department of Mathematics, Assam Don Bosco University, Guwahati, Assam on 16<sup>th</sup> Sep 2020.
14. Three Day International Conference (online) on "Advances in Differential Equations & Mathematical Modelling" organized by School of Computational and Integrative Sciences, JNU, New Delhi from 18<sup>th</sup> Dec to 20<sup>th</sup> Dec 2020.
15. Five Days Online FDP on "Soft Computing and Data Science" organized by IcfaiTech, The ICFAI University Jaipur from 1<sup>st</sup> June to 5<sup>th</sup> June 2020.
16. A National Level FDP on "Filling of Income Tax Returns and Applicable Income Tax Forms" organized by Seshadripuram Academy of Business Studies, Bengaluru on 3<sup>rd</sup> June 2021.
17. One Week Online National level FDP on "Role of Mathematics in Latest Engineering Trends" organized by the Department of Mathematics under the Department Science and Humanities, Lords institute of engineering and technology from 4<sup>th</sup> June to 10<sup>th</sup> June 2021.
18. National Level Webinar on "Recent Trends in Applied mathematics" organized by Department of Applied Sciences and Humanities in Association with Mathematics Club, Universal Engineering College, Vallivattom, Thrissur, Kerala from 5<sup>th</sup> June to 11<sup>th</sup> June 2021.

**Dr. Rishi Agrawal and Mrs. Sudha Rani Dehri –**

1. Attended One Day Webinar on “Teaching, Learning and Evaluation using e-Tools” organized by Department of Computer Science, Physics & Electronics and IQAC of Hislop College, Nagpur on 10<sup>th</sup> July, 2020.
2. Active participation in Webinar on “Access, Equity and Inclusion in National Education Policy 2020” jointly organized by IGNOU Regional Centre, Nagpur and IQAC of Hislop College, Nagpur on 21<sup>st</sup> August, 2020.
3. Attended National e-Conference on “Quality Education: Blackboard to Techboard in the Post COVID Scenario” organized by IQAC, Hislop College, Nagpur in collaboration with National Assessment and Accreditation Council (NAAC), Bangalore on 10<sup>th</sup> March, 2021. (An Expert referred activities by Rishi Agrawal).

Report of the Dept of Physics and Electronics (Session 2020-21)

The Department has organized various Programmes along with regular classes during the session 2020-21.

1) One day webinar on “Teaching, learning and Evaluation using e-Tools”. It was organized by the Physics and Electronics Dept in collaboration with Computer Science on 10<sup>th</sup> July 2020. Dr. Ramesh Manza, Professor, Dept of Computer Science &IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and Mr. Satish Bhalshankar, Assistant Professor, Dept of management Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad were the Resource persons

2) Webinar on “Introduction to Data Science and its opportunities in the Industry” was conducted on 14<sup>th</sup> December 2020. Mr. Arpit Yadav, Consultant and Research Scientist ,AL and ML, TensorBrew, Hyderabad was the resource person.

3) Webinar on “BioMedical Imaging and Bio Informatics” was organized by the Dept of Physics and Electronics in collaboration with Computer Science Dept on 27<sup>th</sup> February 2021. Prof. (Ms.) Lydia, M. E., Ph. D., Dept of Electronics, Shri Krisna College of Engineering and Technology, Coimbatore, was the Resource person.

4) Working model competition on “Innovative Idea in Science for Societal Application (IISSA -2021). Ku. Bianca Samuel B. Sc., Sem IV Participated in the event with a Model

“Intelligent System for waste collection and handling (I-SWaCH). The model was developed in the Dept. The event was organized by material Research Society of India, Nagpur Chapter and Visvesvaraya National Institute of Technology (VNIT), Nagpur on 25<sup>th</sup> February 2021.

5) A workshop on “ Lab Maintenance and electrical fittings” was conducted on 22<sup>nd</sup> January 2021 by the Dept of Physics and Electronics in collaboration with HRD cell of the college. The Laboratory Attendants of the college participated in the workshop.

6) Dr. Thomas Philip, Mr. M. G. Raut, Dr. (Mrs.) J. N. Christy, Dr. Ajay Yoel, Dr. L. P. Damodare, Dr. N. M. Gahane attended various National and International Webinars which were organized by various institutions during the session.

7) Students of B. Sc. Physics and Electronics were motivated to attend various webinars and to participate online Quiz competitions. Many have participated in the events.

## **DEPARTMENT OF ZOOLOGY**

### **SESSION 2020-2021**

#### **I. Programs/ Seminars/ Conferences organized by the Department**

##### **1. 5 Days Workshop on ‘Beekeeping’ for Farmers- 3<sup>rd</sup> to 7<sup>th</sup> November 2020**

To promote and educate farmers about the self-employment program of the Ministry of Micro, Small and Medium Enterprises (MSME) implemented by Khadi and Village Industries Commission (KVIC) through the flagship ' Honey Mission ' as part of Sweet Revolution, a five days workshop was conducted from 03/11/ 2020 to 07/11/2020. The experts were Mr. S. V. Gudhe, Academic Counsellor, IGNOU, Delhi for beekeeping and Dr. Ashish Kumar Jha & Ms. Jagruti Roy, Dept. of Zoology, Hislop College, Nagpur for Meliponiculture.

**Day 1:** The workshop was inaugurated by Principal Dr. Prashant Shelke and it was followed by the introductory session on Beekeeping by Mr. S. V. Gudhe. In the Second session Ms. Jagruti Roy introduced the participant with three families of honey producing social bees: Bombidae, Apidae, and Meliponidae along with hive structure and different castes: the worker bee, queen bee and drone or male bee in the hive.



Pic. 1. Mr. S. V. Gudhe, Ex-Assistant Director KVIC and Academic Counsellor at IGNOU delivering his talk during Introductory Session.



**Pic. 2.** Ms. Jagruti Roy, Research Scholar briefing the types of Bees.

**Day 2:** First session on bee products, like beeswax, bee collected pollen, royal jelly, bee venom and propolis was conducted by Dr. Ashish Jha and then trainees of the programme visited Rajbhavan and Mr. Gudhe elaborated on modern beekeeping and provided hands on training with modern hive (wooden rectangular box and is movable from one place to other).



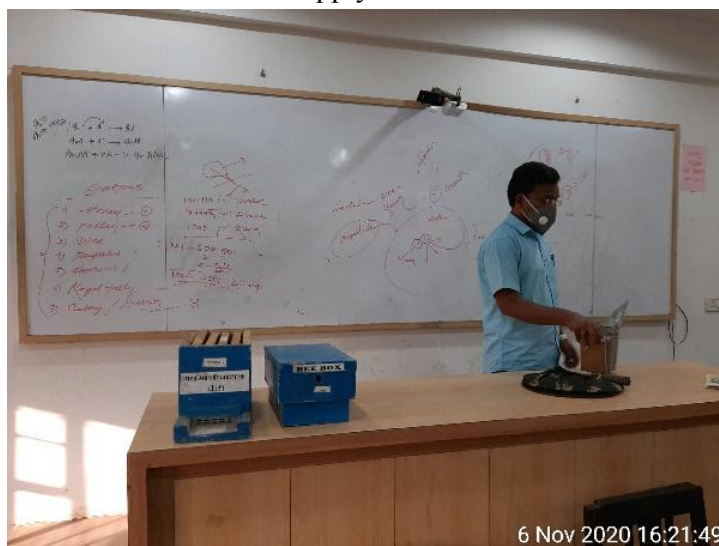
**Pic. 3.** Mr. S. V. Gudhe introducing participants to Modern Beekeeping

**Day 3:** First session was conducted by Mr. S. V. Gudhe and he shared his experience as Beekeeper trainer and latter on encouraged the participants to handle the Apiary. Ms Jagruti Roy gave a thorough account on meliponiculture during the latter part of the day.



**Pic. 4.** Mr. S. V. Gudhe delivering his talk on Biology of Bees.

**Day 4.** Mr. Kshirsagar, Beekeeper, made the participants understand on Economics of bee product harvesting in Modern beekeeping and introduced them with tools to be used for beekeeping and from where to procure the colonies and tools. Later on Ms. Patil and Mr. Mukulwar officials from KVIC described on various Central and State Government initiatives for farmers and how to apply for the Schemes under Honey mission.



**Pic. 5.** Mr. Kshirsagar demonstrating the tools used in Modern Beekeeping





**Pic. 6.** Ms. Patil and Mr. Mukulwar, KVIC officials describing the various schemes of Central and State Government for the Beekeepers.

**Day 5:** On the concluding day, a detailed explanation of the division of a bee colony, wax production, bee flora and foraging and practical demonstration of honey extraction was done by Mr. S. V. Gudhe which was concluded with the certificate distribution to the participants.



**Pic. 7.** Valedictory function at Rajbhavan.

## **2. Tree Plantation in Grace Farm, Mahurzari, Nagpur - 31st July, 2020**

The Teaching and Non-teaching staff members of the Department actively participated in tree plantation drive carried out by Hislop Environment Cell, Nagpur in collaboration with Centre for Environment Research and Education, Mumbai and Green Life Social Welfare Association, Nagpur, at Grace Farms, Mahurzari, Nagpur under urban afforestation programme.



Pic. 8. Dr. A. K. Jha, Head, Department of Zoology planting the sapling at Grace Farms, Mahurzari, Nagpur.

### 3. Felicitation Programme of Mr. Albert Joseph - 29<sup>th</sup> September, 2020

A felicitation programme was arranged in honor of Mr. Albert Joseph for his selfless service to the Department on 29<sup>th</sup> September, 2020. The teaching and nonteaching staffs of the department organized it. The function began at 11 a.m. with recitation from the holy Bible. Then Mr. Albert Joseph was offered floral wreaths. Besides the Departmental Staffs, 20 College staffs attended the programme. Most of the participants expressed their deep love and gratitude to his contribution to both department and college. Finally, the participants were served packet lunch. The program came to an end at about 3 p.m.



Pic. 9. Felicitation of Mr. Albert Joseph

### 4. Birdwatching at Raj Bhawan, Nagpur- 12<sup>th</sup> November 2020

To commemorate birth anniversary of Dr. Salim Ali on 12th November one day birding session was organised by BNHS at Biodiversity Park, Raj Bhawan, Nagpur. 60 students who enrolled for the session were divided into two batches containing 30 students each.

The first batch covered bird watching from 8 am to 9 am and the second batch from 9 am to 10 am.



**Pic. 10.** Mr. Amey Paranjpe, BNHS CEC, Naapur taking the birding session at Rajbhavan.

**5. Ambazari Biodiversity Park Bird Survey – 11<sup>th</sup> January to 15<sup>th</sup> February, 2021**

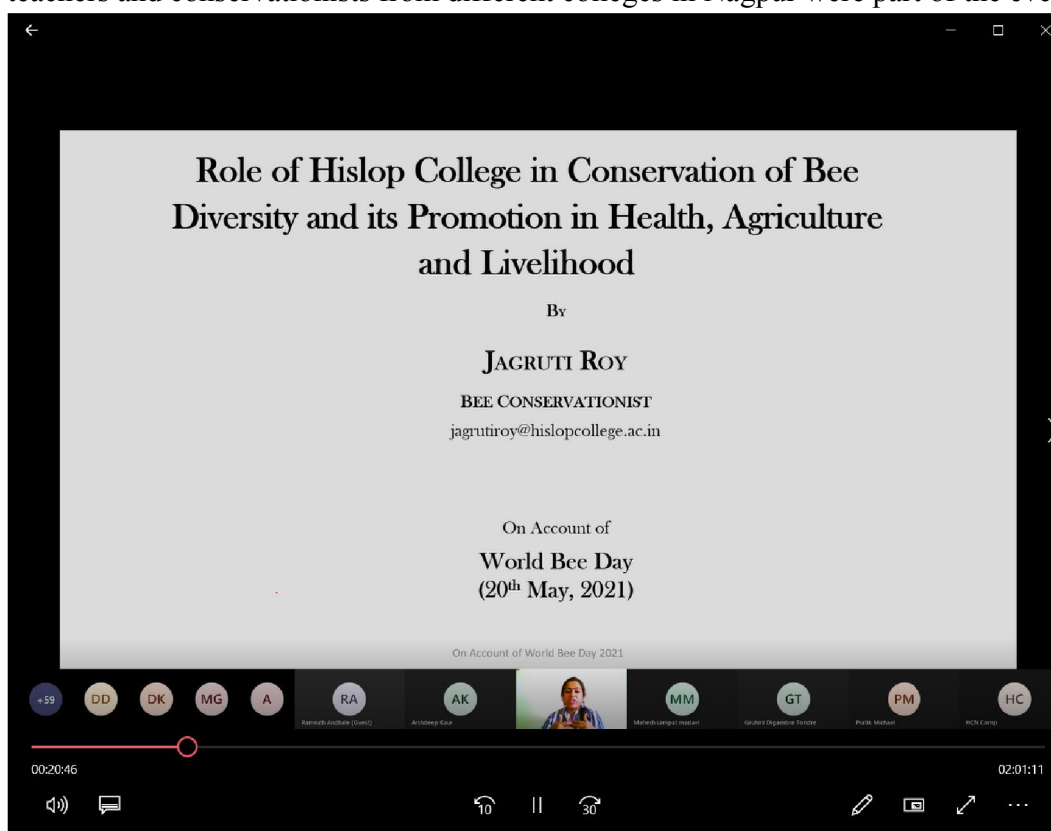
Ambazari Bird Survey 2021 was organized by Nagpur Forest Division and Joint Forest Management Committee. 10 students of departments tirelessly contributed towards this bird survey held from 11<sup>th</sup> January to 15<sup>th</sup> February.



**Pic. 11.** Mr. Nitin Kakodkar, PCCF Maharashtra acknowledging the efforts of students for bird survey.

**6. World Bee Day – 20<sup>th</sup> May 2021**

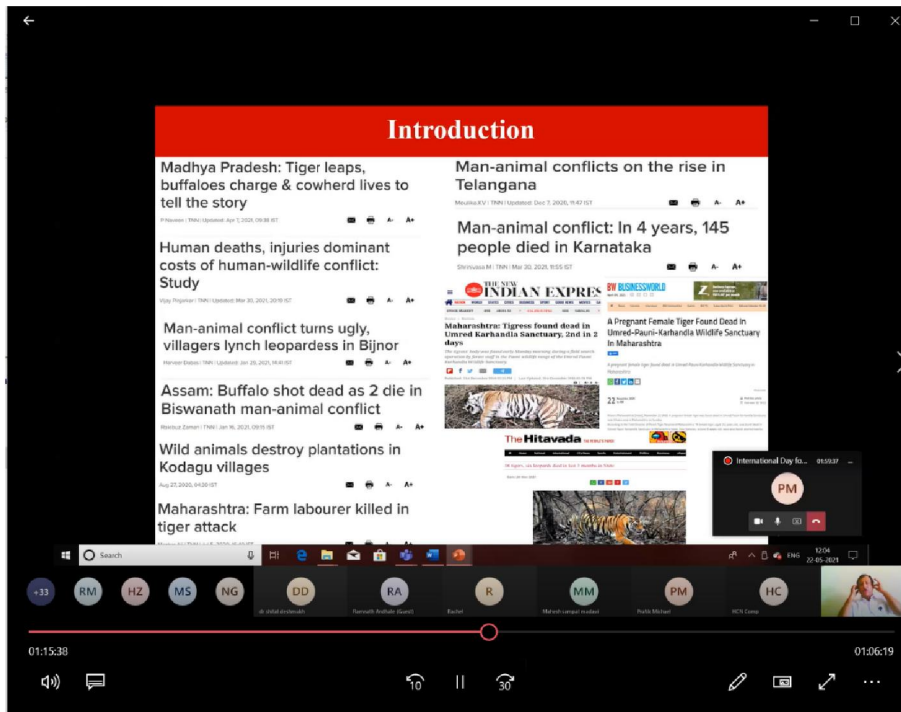
To call for global cooperation and solidarity to counter the threats posed by the COVID-19 pandemic to food security and agricultural livelihoods alongside prioritizing environmental regeneration and pollinator protection, an intercollegiate webinar was conducted in collaboration with IQAC. This is an occasion to raise awareness of how everyone can make a difference to support, restore and enhance the role of pollinators. Ms. Jagruti Roy, Research Scholar, Dept. of Zoology, Hislop College elaborated on ‘Role of Hislop College in Conservation of Bee Diversity and it's Promotion in Health, Agriculture and Livelihood’. Over 150 participants including students, research scholars, teachers and conservationists from different colleges in Nagpur were part of the event.



**Pic. 12.** Ms. Jagruti Roy delivering her talk, “Role of Hislop College in Conservation of Bee Diversity and it's Promotion in Health, Agriculture and Livelihood” on account of World Bee Day.

#### 7. **International Day for Biological Diversity - 22<sup>nd</sup> May 2021**

International Day for Biological diversity was celebrated teaming up with IQAC to increase understanding and awareness of biodiversity issues and to educate that we are part of the solution. Dr. Ashish Jha, Head, Dept. of Zoology delivered an informative talk on ‘The Future Coexistence: Hislop College initiative for mitigating Human Wildlife Conflict’. Around 150 attendees from different institutions in and around Nagpur participated in the event.



**Pic. 13.** Dr. A. K. Jha, Head, Department of Zoology, delivering a talk on ‘The Future Coexistence: Hislop College initiative for mitigating Human Wildlife Conflict’ on account of International Day for Biological Diversity.

## 8. Rescue and conservation of Bees

The Department of Zoology is actively involved in rescuing of stingless bee colonies during the tree felling not leading to conservation of bee. The bee colonies also provided us with therapeutic products which are immunity boosters with positive results against COVID-19. Such rescuing of stingless bee colonies has been employed throughout the year at different land use management sites to mitigate the environmental impacts of felling trees and rearing of stingless bees also provide additional income to rural families.



**Pic. 14.** Ms. Jagruti Roy, Research Scholar and Ravindra Kangale, Laboratory Attendant rescuing the stingless bee from tress at Lakadganj.



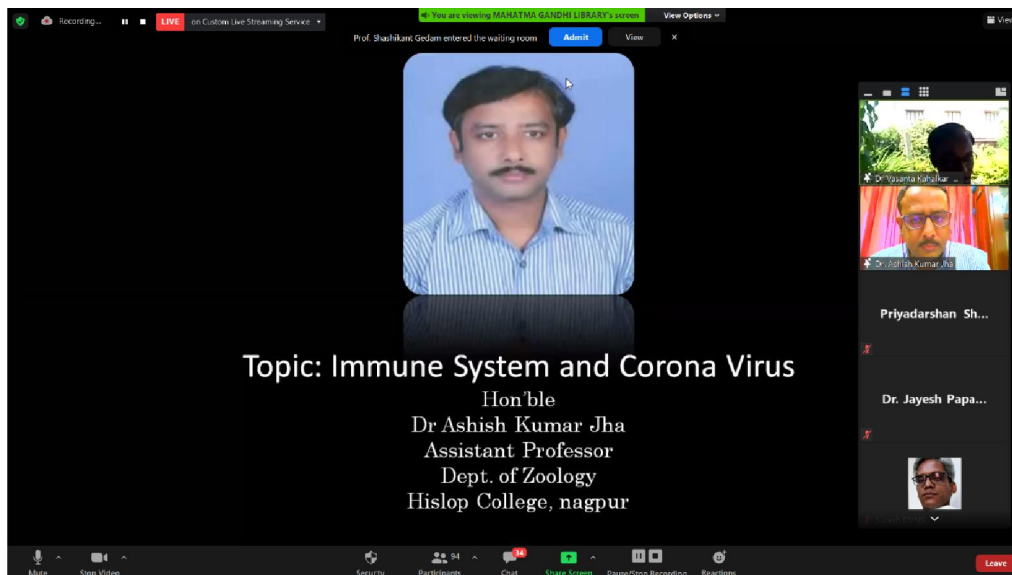
**Pic. 15.** Rescuing and Conserving Honey bee from felled tree at Fetri.

## **II. Achievements of the Staff**

### **1. Dr. Ashish Kumar Jha**

- Appointed as Question Paper Setter and Moderator by Madhya Pradesh Public Service Commission.

- Four papers were presented at Wildcon- 2020 and one received the second position in Wildcon- 2020 online International Conference held during 18th - 20th December, 2020
- Delivered a lecture on Meliponiculture - A step closer to Atma-Nirbharta in the webinar was conducted by Mahanagar Pariyavar Gathividhi, and hosted by Master Chetan Pandey, on 27th June, 2020
- Resource Person in One Day Online National Webinar on Conservation Issues and Threat to Biodiversity organized by Nilkantrao Shinde Science and Arts College, Bhadrawati, Chandrapur on 12th April, 2021 and delivered lecture on the topic “The future coexistence: An ecological based policy framework for mitigating Human Wildlife Conflict in India”
- Resource person to deliver online talk on “Stingless bees for health and livelihood” on 24<sup>th</sup> April by Maharaja Digvijay Singh Autonomous Government College, Rajnandgaon, Chattisgarh.
- Resource person at One day e-Seminar on “Covid -19 impact on Life Science” organized by Bharti College, Arni, Yavatmal on 28<sup>th</sup> November, 2020 and delivered a talk on “Immune system and its response to Corona virus”.
- Delivered a talk on “Immune system and Corona virus” at One day e- Seminar organized by Mahatma Gandhi College, Armori, Dist. Gadchiroli on 24<sup>th</sup> October, 2020.



**Pic. 16.** Dr. A. K. Jha delivering a talk “Immune system and Corona virus” at One day e-seminar.

## 2. **Dr. Lizby Anu Mathews**

- 1 paper under review in a national peer reviewed journal
- Authored 3 articles in ‘Harvest Times’ magazine



### III. Achievements of the Students

#### Co-curricular/ Extra-curricular Achievements

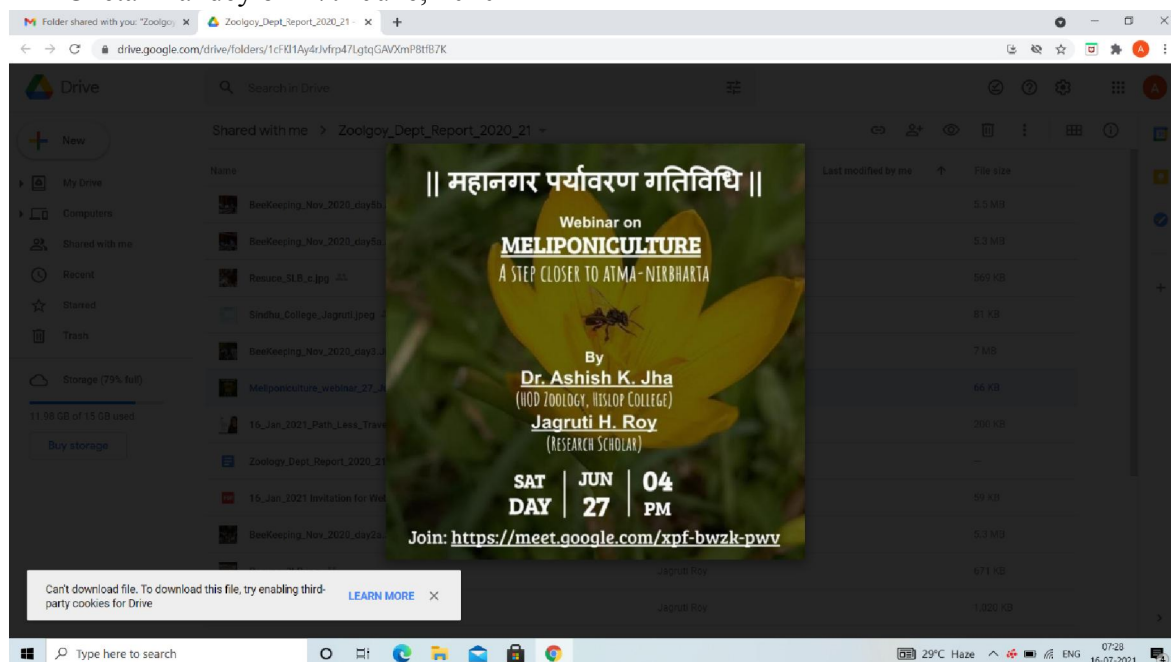
##### Papers presented

- **Jagruati Roy** presented one paper and received SECOND in Conflict, Rescue and Rehabilitation session in Wildcon- 2020 Online International Conference held during 18th - 20th December, 2020
- **Sushilani Chakma** presented a paper in Online International Conference - WILDCON-2020 - 18th to 20th Nov, 2020
- **Brijesh Wankhede** presented a paper Online International Conference - WILDCON-2020 - 18th to 20th Nov, 2020
- **Aniket Dahake** presented a paper Online International Conference - WILDCON-2020 - 18th to 20th Nov, 2020

##### Resource person

##### Jagruati Roy

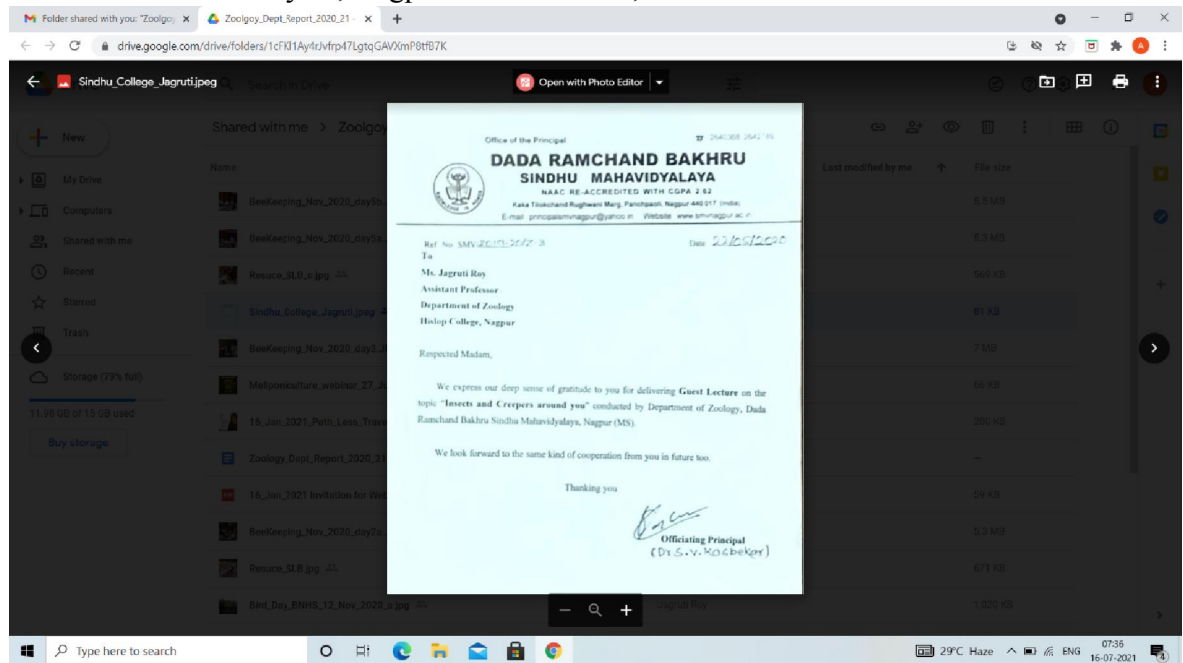
- Delivered a lecture on Meliponiculture - A step closer to Atma-Nirbharta in the webinar conducted by Mahanagar Pariyavar Gathividhi, and hosted by Master Chetan Pandey on 27th June, 2020



The image is a screenshot of a web browser displaying a Google Drive folder. The folder name is "Zoology\_Dept\_Report\_2020\_21". The main content is a poster for a webinar. The poster has a green background with a yellow flower and a bee. The text on the poster reads: "|| महानगर पर्यावरण गतिविधि ||", "Webinar on MELIPONICULTURE A STEP CLOSER TO ATMA-NIRBHARTA", "By Dr. Ashish K. Jha (HOD ZOOLOGY, HISLOP COLLEGE) Jagruati H. Roy (RESEARCH SCHOLAR)", "SAT JUN 04 DAY 27 PM", and "Join: <https://meet.google.com/xpf-bwzk-pwv>". The browser's address bar shows the Google Drive URL. The Windows taskbar is visible at the bottom, showing the date and time as 07:23 on 16-07-2021.

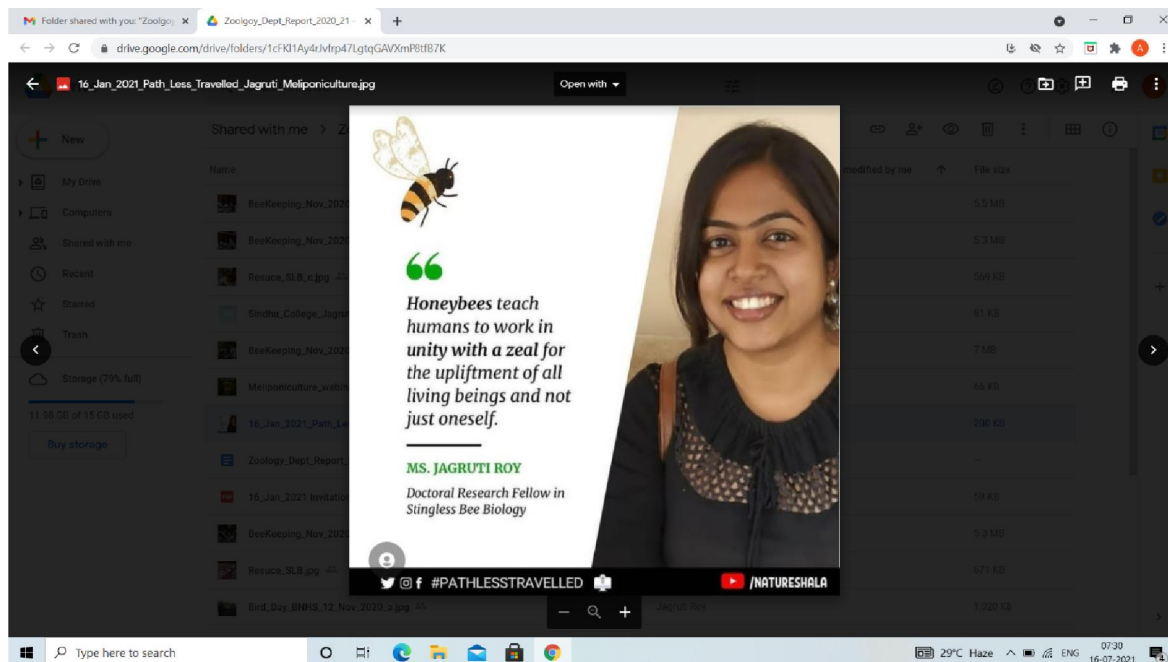
**Pic. 17.** Dr. A. K. Jha and Ms. Jagruti Roy delivered a lecture on Meliponiculture - A step closer to Atma-Nirbharta in the webinar conducted by Mahanagar Pariyavar Gathividhi

- Ms. Jagruti Roy was invited for Guest Lecture on account of Wildlife Week at Sindhu Mahavidyalaya, Nagpur - 02<sup>nd</sup> October, 2020.



**Pic. 18.** Ms. Jagruti Roy guest lecture on account of Wildlife Week at Sindhu Mahavidyalaya, Nagpur - 02<sup>nd</sup> October, 2020

- Ms. Jagruti Roy gave a talk on Meliponiculture in Nature Education on Nature Shala Channel under TERN (Technology, Engineering, Research for Nature) - 16th Jan, 2021



Pic. 19. Ms. Jagruti Roy delivered talk on Meliponiculture in Nature Education on Nature Shala Channel under TERN.

- Ms. Jagruti Roy worked as a mentor for STEM Program by Vigyanshaala, mentoring 05 graduation girls from remote areas of India and making a real impact through consistent and ongoing relationship-building with student mentees.

## P.G Department of Sociology

Report of the Department for 2020-21

### 1. Programs/Seminars/Conferences Organized

- Online Webinar titled, 'Unknot yourself before you tie the knot: Premarital Counseling and Women Empowerment' was jointly organized by P.G. Department of Sociology, IQAC and WSDC on March 8<sup>th</sup> 2021 to mark the occasion of International Women's Day. The Resource person for the webinar was Dr. Mrs. Manjusha Kannade, Ex-Counsellor, Family Court, Nagpur.

## 2. Staff Achievements

- **Dr. Mrs. Sadhana Lanjevar** 1 paper published in International Conference Proceedings.
- **Dr. S. Vijay Kumar** Delivered online lecture at UGC HRDC. Refresher Course organized by SGB Amravati University, 7 papers in Peer reviewed National journals and submitted UGC Minor Research Project.
- **Dr. Ajay Choudhary** Invited Speaker for a program organized by Student Organization of Central University of Punjab, Bathinda, 1 paper in Peer reviewed National journals and submitted UGC Minor Research Project.
- **Mr. Milind Ghate** 1 paper published in International Conference Proceedings and submitted UGC Minor Research Project.

## 3. Achievements of the Students

- **Ms. Saniya Khan** stood **6<sup>th</sup> Merit** in M.A. Sociology 4<sup>th</sup> Semester conducted by RTM Nagpur University Summer Examination 2020.



## Department of Psychology

### Events:

- 1) Mental Health Day Session and Inter-Semester Debate on “It’s good sleep that makes a day better and not a well spent day that brings good sleep” on October 10, 2021
- 2) Psycho-Galaxy 2021 National Seminar and Competition on March 5, 2021
- 3) Cultural Events- Relive and Relieve on May 21, 2021

### Achievements :

Dr Sonal Paliwal : One paper in International Conference

One Paper in Peer Reviewed International Journal and one chapter in Book

Namrata Babhulkar: One paper in a Peer reviewed journal and 1 chapter in a book ; invited as a resource person for personality Development course Conducted by Manoharrao Kamadi College, Nagpur

## Department of Marathi

### Departmental highlight

- ❖ One week online Bridge course was conducted.
- ❖ Online Video screening of the play ‘Natsamraat’ was held for the students and discussion session was organized immediately after that.
- ❖ Online A guest lecture on “ Poetry of Kusumagraj” was organized.
- ❖ Online Workshop was conducted for First year students on the topic “Importance of grammar in writing and speaking”.
- ❖ On 27<sup>th</sup> March 2020 Marathi Raj Bhasha Din celebrated.

### Staff achievement

#### Dr. Dhanraj Mane

- ❖ Participated in a national level Online workshop.
- ❖ One research paper Published in Research journal.

## **Department of History**

### **1. Online Quiz Competition**

Syllabus based Departmental Online Quiz Competition was organized by the department on 6<sup>th</sup> November, 2020. 110 students from B. A. I, II and III participated in it. The aim of the competition was to help the students to prepare for MCQs Pattern Online Examination and also to acquaint them with the syllabus of B. A. History.

### **2. Shivaji Jayanti Celebration**

Department participated in organizing Shivaji Jayanti on 22/02/2021 in collaboration with NSS Unit of Hislop College. The programme was begun with the screening of a short film on life of Shivaji Maharaj. On this occasion various competitions were organized by the students such as Elocution Competition, Poetry Competition, and Story Telling Competition.

Achievements of the Staff:-

- Dr. (Mrs.) Anjali Andrew :-  
Publication – National – 01
- Dr. (Mrs.) Abhilasha Raut:-  
Publication – National – 01

## **Department of Economics**

### **1) Program organized by department.**

1) Guest lecture on Changing Scenario of Indian Economy After covid -19.

Guest Speaker:- Dr. Indurwade, Head of Economics Department, RTM Nagpur university , Nagpur.

Date:- 03 Feb 2021

### **2) Know your Economy Test 12 Feb 2021**

### **3) Online quiz on Awareness program on**

Covid-12 March 2021

### **2) Publication**

1) Mr. C. P. Farkade 01 Research paper in peer Review Journal

## **Department of Commerce, Management and Computer**

**Session 2020-2021**

### **Departmental Programmes:-**

- 1) Title:- CAREER OPPORTUNITY IN DIGITAL MARKETING
- 2) Date:- September 25, 2020  
Resource Person:- Mr. Shivam Khandelwal
- 3) Title:- E-Poster Competition On International Human Day Rights  
Date:- December 10, 2020
- 4) Title:- Webinar on Kick Start your Startup  
Date:- February 27, 2021  
Chief Guest:-Mr.Akash Jaiswal
- 5) Title:- WEBINAR ON IMPORTANCE OF APTITUDE  
Date:- 13-March-2021  
Resource Person:-Mr.Rishi Chourasia
- 6) Title:- Workshop on Research methodology to Develop a Project  
Date:- 04-Februray-2021  
Resource Person:-Mrs.Rajshri Channe & Dr,Vishal Belsare

- 7) Title:- Workshop on Latest Trends and Development of a Web Based Or Desktop Based Project

Date:- 30<sup>th</sup> April 2021

Resource Person:-Mr.Pravin Rotkar

**Staff Achievements**

- 1) Mr.PravinRotkar

**Paper Presented**

National-1

- 2)Mrs.Gayatri Bute

**Paper Presented**

National-1

**Students Achievements:-**

**Merit List:-**

- 1) Aurelia Rajesh Kumar Minj- 3<sup>rd</sup> Rank in the order of Merit in RTMNU Summer 2020  
Examination of MCM
- 2) Priti Ashok Singh-1<sup>st</sup> Rank in the order of Merit in RTMNU Summer-2020  
Examination of PGDCCA
- 3) Jasmeet Singh Viridi-2<sup>nd</sup> Rank in the order of Merit in RTMNU Summer-2020  
Examination of PGDCCA
- 4) Francis Xavier Barla -2<sup>nd</sup> Rank in the order of Merit in RTMNU Summer-2020  
Examination of PGDCCA

**Co-curricular and Extra-Curricular achievements:**

- 1) Ms. Afreen Ansari, B. Voc. Tourism Student secured Second Position in 'Pitch Your Startup'- 2<sup>nd</sup> Tourism Student Conclave-2021 at National Level. She also received a cash prize of Rs. 1,000/-



## Department of Philosophy

### A) Publications

1. Dr.shinumol T C, Hislopia Journal (ISSN 0976-2124)

### B)Achievements of the students

1. **Soniya Prakash Vaishya** won **Late Dr. Shanti Sadashiv Buit Memorial Gold Medal** for securing the merit position in Nagpur university BA Philosophy final examination 2020.



## Department of Political Science

### I. Activities of the Department -

1. **One Day Webinar On 'Indian Democracy and Human Rights: A Dialectical Relationship'** - A Joint webinar by Hislop College and St. Francis de Sales College, Nagpur was organised on 10 December 2020 on the occasion of Human rights Day in which the resource persons were - Dr. Suresh Khairnar, Convener of All India Secular Forums, Mr. Sandip Kale, National Resource Person & Trainer, DOPT, Govt of India, New Delhi, Registrar Cum Asst Professor- Class1, MADTA, Paithan, Aurangabad

, Dr. Anjali Gaidhane , Associate Professor and Head of the department of Political Science, Hislop College , Nagpur

2. **Department of Political Science wins first prize in All-India level Mock Parliament Competition** - “ If the institutions of parliamentary democracy are worth preserving, the duty to explain them to the people they are meant to serve becomes vitally important.

**Hislop College won first prize at the regional level in All-India level Mock Parliament Competition called “Abhirup Yuva Sansad” at Dhanwate National College, Congress Nagar. On 4th January, 2021,** Yuvak Biradari, a Mumbai based non-profit organisation conducted an All-India level Mock Parliament Competition called “Abhirup Yuva Sansad” at Dhanwate National College, Congress Nagar.

More than 100 youths from Hinganghat, Bhandara, Wardha, Nagpur and Ramtek had participated. Hislop College, Nagpur bagged the first prize as the Best Parliamentary Team along with a cash prize of Rs. 10,000/- The team consists of Vanshika Singh, Sanmit Adawadkar, Priyank Dahake, Sneha Nandanwar, Parimal Panke, Pooja Jagyasi, Saloni Pandey, Anushka Nag, Vanshika Tripathi, Srishti Vaidya, Shivam Naik, Prerana Agrawal, Vidhi Khamele, Dhruv Sharma, Utkarsha Dhongade, Toshik Raut, Siya Mandiye, Shital Khavse and Ashish Chandekar.

A total of six best parliamentarians were selected for the opportunity of showcasing their talent in the Mumbai Legislative Assembly Hall. Out of the six, two from Hislop College, Vanshika Singh and Saloni Pandey were selected receiving a cash prize of Rs. 2500/- each.

The participants were evaluated on the basis of performance, bill presentation, research and oratory skills. The competition was adjudged by Ashutosh Shirke, the Director General of Yuvak Biradari (Bharat) and Prashant Gawande, Founding members of Shetkari Jagar Manch. It was a great learning experience for each and every participant and helped them learn more about the Parliamentary functionings of the world’s largest democracy.

3. **Research Paper writing Competition on ‘International Human Rights violation in the twenty first century ‘ –** A Research Paper writing competition was organized by the Department on the topic ‘International Human Rights violation in the twenty first century ‘ in the month of May. The Judges of the competition were – Vidya ...Alpana Vaidya, Anjali Gaidhane . The prizes were bagged by Alex Coutinoho, Emerald Reshma Reddithota , Vanshika Tripathi and Arati Ekka from B.A VI Sem.

### **III. Achievement of the Faculty-**

1. Dr.Anjali Gaidhane -Participated in International Conferences on “Global Collaborations in Science, Technology, Education, Mathematics & Humanities to Advance the Frontiers of Knowledge & Innovation” March 08, 2021 – March 13, 2021, St. Francis De Sales College, Nagpur, India.St. Francis de Sales College, Nagpur .
2. Participated in Five Day Interdisciplinary Online Workshop on ‘Advance Teaching, Learning, Research Methodology and Innovations’,organized by St. Francis de Sales College, Nagpur, Date: 01st June 2021 – 05th June 2021.
3. Published Research Papers in UGC-Care list Journals- 2

## **Department of Commerce**

### **I) Programmes/ Workshops Organized by the Department:**

#### **1. Bridge Course**

The Department of Commerce conducted the Bridge Course for B. Com. Sem-I students at the beginning of Session 2020-21, before commencement of the regular classes on 16<sup>th</sup> October 2020 and 17<sup>th</sup> Oct. 2020. The objective behind conducting the bridge course is to identify student’s knowledge, skills and capabilities. The Department has designed and conducted a short intensive Bridge Course for B.Com. Semester-I Non- Commerce background students in the subject Financial Accounting by Dr. Hariom Puniyani, for Company Law by Dr. Sonal Agrawal, Business Economics by Dr. Razeka Khan, and Business Organization by Dr. Dini Menon. The objective of the course was to analyze their level of understanding of the subject before the start of the curriculum and bridge the gap by enhancing their knowledge and bring them on par with students from commerce background.

#### **2. Induction Programme**

Commerce Department and Student’s Quality Assurance Cell (SQAC) conducted Online Student’s Induction Programme on 12<sup>th</sup>, 13<sup>th</sup>, and 15<sup>th</sup> Oct. 2020 for the 1st year students of Commerce at 10.30 a.m. at MS-Teams online platform. On 12<sup>th</sup> October 2020 a PowerPoint Presentation of “About Hislop” College was given by Dr. Sonal Agarwal and Dr. Razeka Khan. Dr. Hariom Puniyani Head Dept of Commerce interacted with the students and motivated them. On 13<sup>th</sup> October 2020 a “Talk on Health is wealth and Human Values” and on 15<sup>th</sup> Oct. 2020 Online Cultural Programme was organized in which 1<sup>st</sup> years students showcased their talent. The 3 days long programme was conducted keeping in mind an important aspect of overall

growth of the students during the period of their graduation. Around 200 students attended the programme.

### **3. Workshop on “Career Opportunities in Banking & Insurance”**

An Online Workshop on “Career in Banking & Insurance” was organized by Department of Commerce for all B.Com. and M.Com Students on 29<sup>th</sup> October 2020 at 11 a.m.. The resource person was Ms. Archana Bhat and Mr. Sidhhant Agrawal from Pune. Dr. Hariom Puniyani gave introduction of the resource persons and also welcomed them. The objective behind conducting this workshop was to give detailed information regarding career in Banking & Insurance Industry. Around 100 students attended the workshop. In Q&A session students interacted with the resource person and enthusiastically asked questions.

### **4. Certificate Course in Banking, Finance and Insurance**

A Certificate Course on “Banking, Finance & Insurance” for Final year students of Commerce was conducted by Department of Commerce from 4<sup>th</sup> Dec. 2020 to 12<sup>th</sup> Jan. 2021. Dr. Hariom Puniyani, HOD Commerce was the Course Coordinator. The programme was conducted online by faculty members of Bajaj Finserv by Mr. Siddhant Agrawal (Banking), Mr. Alekh Chourasia (Business Communication) and Mr. Ajit Parwate (Insurance). Aditya Purohit and Amandeep Kour Pandi were appointed as Student Coordinators. The major modules covered during the course were Banking Operations, Insurance Management and Advance Business Communication. The motive behind conduction of this course was to help the students to make a bright career in the field of Banking, Insurance and Finance. After Completion of the Course the students awarded a Certificate issued by Bajaj Finserv and they also provide them a platform for internship and Job Placements to the students. 43 students were enrolled and 35 students were able to acquire the certificate.

#### **I) Achievements of the Staff:**

- Dr. Hariom Puniyani received Best Paper Award in International Conference Organized by SSMWA, India & ISTAR, Thailand.
- Dr. Hariom Puniyani Nominated member BOS, Commerce & Business Administration KKSU, Maharashtra.
- Dr. Sonal Agrawal Awarded Ph.D. in Commerce

#### **Papers Presented:**

International Conferences- 03

National Conferences- 02

### **Paper Published:**

International Peer Reviewed/Refereed Journals- 09

National Journals- 04

**Resource Person** in Conferences/Seminars/Workshops : 06

## **II) Achievements of the Students:**

### **Co-Curricular and Extra-Curricular Achievements:**

1. Dr. Namrata Malkan Research Scholar awarded Ph.D. (Commerce)
2. Ashwini Anil Landge cleared UGC Net Exam.
3. Mr. Shubham Vijay Shete cleared CA final exam with All India Rank-45
4. Ms. Sayali Ghadge selected for International Internship at Nimai Management Consultant LLC (QFC Registered Company), Qatar.

## **HISLOP COLLEGE ALUMNI ASSOCIATION (HISCAAN)**

### **WEBINAR ON CAREER AWARENESS IN PARAMEDICS**

Hislop College Alumni Association (HISCAAN) organized a Webinar on “**Career Awareness in Paramedics**” for final year students of Hislop College on 27th May 2020. Mr. Sameer Joshi, Founder and Chairman, Transcender Services Pvt. Ltd., was the resource person. The motive behind conduction of this webinar on ‘Paramedics’ was to inform students on the potential of Healthcare Industry in terms of job opportunities and further career options in India and abroad

### **SAFETY KITS DISTRIBUTION FOR HISLOP STAFF**

The members of Hislop College Alumni Association (HISCAAN) responded to COVID-19 pandemic, by supporting the administrative and non-teaching staff of Hislop College. The alumni members joined hands to sponsor and provide **hampers containing safety kits** on June 24, 2020. The main idea for distributing these kits was to provide suitable support to around 200 members of the college who have been constantly operating, from their work place during these difficult times. The funds for this project were generated through contribution by various members of HISCAAN. Team HISCAAN was led by Mr. Vijay Naidu, President, Mr. Dinesh Chhabra, Vice President, Dr. Deepa Jamwal, Secretary and Dr. Jayant Ranade. Dr. Prashant Shelke extended his heartfelt gratitude and appreciation to HISCAAN for this generous donation.

## WEBINAR ON CAREER OPPORTUNITIES IN SPORTS INDUSTRY & SUNRISE SECTOR

A Webinar on “**Career Opportunities in Sports Industry- a Sunrise sector**” was conducted for students of Hislop College on 17th October, 2020. Mr. G. Srinivvasan CEO of SPORJO was the resource person. The motive behind conduction of this webinar was to inform students on the potential of Sports Industry in terms of job opportunities and further career options open to all graduates from all streams. This webinar aimed at educating students about the job verticals, possible opportunities and trends in the industry.

## INTERACTIVE SESSION ON HISCAAN WINTER INTERNSHIP 2020

An Interactive Session regarding “**Winter Internship 2020**” was organized by Hislop College Alumni Association (HISCAAN) on 07.11.2020 at 3.30 p.m. on Google Meet App for aspiring Interns. Mr. Vijay Naidu President HISCAAN was the resource person. He briefed students about important points to be kept in mind during internship in which he discussed about time management, team work, integrity, soft skills, work ethics, a sense of responsibility and best use of opportunities.

## STUDENT LIFE AND LIFE STYLE MANAGEMENT

Hislop College Alumni Association in Collaboration with IQAC organized a Session on “**Student Life and Life Style Management**” for students of Hislop college on 23rd December, 2020. Dr. Roma Sarnaik Life Style Medicine Physician was the resource person. The session was conducted to promote positive lifestyle and behaviour change for managing physical and mental health of the students.

## TRAINING MODULE THROUGH WEBINAR

Hislop College Alumni Association (HISCAAN) organized a “**Training Module**” through webinar for students selected under HOPE Scheme. The focus this year was on soft skills by Mr. Aniruddha Pathak. The two-hour modules were conducted over two days on 5 and 6 March 2021. He explained about LION cycle which means Learning, Investment, Openness and Newness as well as the OPEN cycle which means Observation, Patience, Empathy and Networking. Students enthusiastically interacted with resource persons in both the sessions.

## HOPE-FINANCIAL SPONSORSHIP FOR HISLOP STUDENTS

“**HOPE**” is a sponsorship programme by Hislop College Alumni Association Nagpur (HISCAAN) and has been successfully piloted for the last eight years, this being its ninth edition. It provides the scholarship grant to economically weaker students who are excellent in studies. It becomes an encouragement for them to work harder while taking care of their

education expenses. This long journey of sponsoring students has become one of the flagship activities of Hislop Alumni.

This year 104 students have been covered under the HOPE sponsorship. Each student received a scholarship grant of Rs Five Thousand only. Due to COVID-19 pandemic a conventional programme for cheque distribution was not possible. Accordingly, the sponsorship amounts were electronically transferred on May 21,2021 to the bank accounts of the student beneficiaries.

## **COMPETITIVE EXAMINATION CELL**

### **1. Webinar for Competitive Examination: 20-02-2021**

295 students took benefit from Webinar held on 20<sup>th</sup> February, 2021. In the first session Dr. Ashish Jha, Convenor, Competitive Examination Cell guided the participants on “Career and Scope after Graduation” and appealed the students to join three Whatsapp Group i) Hislop Competitive Examination Cell aiming at students for CSAT Examination ii) Hislop Gadget Competitiv I and II for rest of Examination. In second session Mr. Rahul Vaidya, Founder Gadget Academy, guided students on Question pattern for Staff selection MTS Examination.

### **2. WhatsApp Group: Hislop Compet. Examination Cell**

Hislop Compet. Examination Cell Whatsapp Group was formed on 2<sup>nd</sup> March 2021 with aim to circulate information to group members preparing for Civil Service Aptitude Test. The Cell encouraged and counsel the aspirants to enrol for SIAC Examination, an initiative of Government of Maharashtra to provide free coaching, hostel facility and monthly stipend of Rs. 4000 monthly for one year to 600 aspirants who got selected on basis of Common Entrance Test. As a result, 25 students enrolled for SIAC Examination from the College and 10 students enrolled for SVPIAS Examination conducted by Shiv Vidya Prabodhni an organisation supported by Government of Maharashtra providing free online IAS coaching to 1000 students.

### **3. Hislop Gadget Competitiv I and II**

Hislop Gadget Competitiv I and II, WhatsApp Group was formed on 17<sup>th</sup> February 2021 with aim to provide information to group members preparing for Competitive Examination other than CSAT. 199 members enrolled in Group I and 59 in Group II. The WhatsApp plat form was used to disseminate Central/ State Government recruitment Examination and counsel them about the Examination.

1. Staff Selection Commission MultiTasking (Non- Technical) Staff Examination circular was circulated on 20<sup>th</sup> February and latter on students were assisted in applying.
2. RBI recruitment of office attendants was circulated on 13<sup>th</sup> March, 2021 and latter on students were assisted in applying.
3. Staff Selection Commission CHSL Examination admit card link was shared on 2<sup>nd</sup> April so that candidates could download the card.
4. On 3<sup>rd</sup> May SBI Recruitment of Junior Associates 2021 was circulated in the group
5. Complete Study material for Banking Examination on online platform was provided to students by Gadget Study Classes at 1099/-
6. Complete Study material for SSC Examination on online platform was provided to students by Gadget Study Classes at 499/-.

Following number of students applied through Hislop Gadget Competitiv I and II

- 22 students applied for the MTS exam (Exam was scheduled in July but postponed. Probably in next month).
- 2 students applied for SBI Jr. Associates exam (exam from 10th July).
- 1 student took the benefit of Digital study material

## **Entrepreneurship Development Cell Hislop College**

### **Idea Fair: Student presentation on virtual platform**

The ED cell of the college was inaugurated by installing the Executive members through on-line platform on 19th December 2020 at 300 pm. For the current academic session, a contest, '**Idea Fair**' was also organized to not only motivate students who want to learn, but also provide the framework to help them build their skills in ways that cannot be done in the traditional classroom. The competition offered young entrepreneurs the opportunity to work on their ideas and to exchange ideas, thoughts on entrepreneurship and challenges they face in the global community. The special guest for the event was Dr. Yogita Kasture Co-founder Ready 2 innovate Nagpur gave an overall review of the competition and appreciated students who participated and presented great ideas. The students participated enthusiastically and the winners included: **First prize: Aman Singh and Armaan Verma** B. Com students- Project name: Value Intelligence. **Second prize: Anup Banerjee and Catherine Shendre** -B. Sc. Semester-I students and Project name: Concrete



## **Webinar on Grass Root Innovation and Entrepreneurship**

Grassroots innovation is key to entrepreneurship development since entrepreneurial orientation spurred by such innovation leads to solutions for local problems as well as develops sustainability. Considering such need of the hour, IQAC, SQAC and ED cell of Hislop College jointly organized a webinar '**Grass Root Innovation and Entrepreneurship**' on 31<sup>st</sup> October 2020 for the students. The objective was to motivate the students towards creative learning with problem solving orientation. The resource person of the webinar was the renowned innovator, Dr. Saji Varghese, Associate Professor at Christ University Bangalore, spoke at length on his innovations in biodegradable straws from coconut leaves. By providing real life examples of students including those of Indian origin from Stanford University he stressed on the need for grass root innovations

## **Webinar on National Life science Entrepreneurship Awareness Programme**

National Life Science Entrepreneurship Awareness Program through a webinar was organized by BIRAC Regional Entrepreneurship Centre (BREC) in collaboration with ED Cell Hislop College Nagpur on, 28th January 2021. The webinar was organized for students of discipline of Life science in view of inducing the knowledge of basics of startup and **entrepreneurial ecosystem in life science and related sectors**. The webinar was organized on Zoom online platform. Dr. Bhavisha Wala, Entrepreneurship Development Manager at CCAMP provided an overview of different program like BioNEST (incubation facilities) facilitated at BREC, Bangalore. While Ms. Anju Kashyap spoke on Intellectual Property rights, patents, copyrights, procedure of filing patents, policies, etc.

## **Student Participation**

**Mr. Chaitanya Gadekar** presented his start up idea entitled 'Tissue Culture of Medicinally Important Plants and Transport Facility for Laboratories and Pharma Industries'

**Ms. Srushti Chipde** presented her idea 'Find My Scope: We Are the Opportunity That Knocks Your Door', at Sir Sitaram & Lady Shantabai Patkar College of Arts and Science and V.P. Varde College of Commerce and Economics, Mumbai organized an online **Intercollegiate National level Start-up Idea Competition** titled '**Entrepreneur in you**' between 6<sup>th</sup> July, 2020 – 13<sup>th</sup> July, 2020. Their ideas were **selected among the top five (5)** from all entries that were received by the organizers and were both issued Certificate of merit.

**Ms. Srushti Chipde** presented her Idea at **Wantrepreneurs-2020 Way to Entrepreneurship-Drishti 2020**, conducted by Government College of Engineering, Nagpur-Virtual Platform from 13-15 September 2020. She secured **1st position** in the competition.

## INCUBATION CELL, HISLOP COLLEGE, NAGPUR

### 1. Tree Plantation in Grace Farm, Mahurzari, Nagpur - 31st July, 2020:

Tree plantation drive was carried out by Hislop Environment Cell, Nagpur in collaboration with Centre for Environment Research and Education, Mumbai and Green Life Social Welfare Association, Nagpur, at Grace Farms, Mahurzari, Nagpur under urban afforestation programme sponsored by IndusInd Bank with a view to increase the green cover of Nagpur city by planting 400 saplings of indigenous fruiting and non fruiting tree species including Jamun, Neem, Bael, Awala, Mango, Guava etc.

Dr. Prashant Shelke, Principal, Hislop College, Nagpur encouraged planting more trees and taking care of plantations thereafter. He said that college students must be connected with sapling plantation and awareness programmes which are key factors to encourage citizens to protect the environment by planting trees. Plants should be grown to keep the environment green, clean, safe and healthy, he added.

Mr. Dilip Babaria, President, Green Life Social Welfare Association stressed that instead of teaching theory in environmental studies to the graduate students of fourth semester as a subject it should be made more practical. Students should be asked to grow trees instead of just teaching them theory.

Dr. Pratik Michael, Vice Principal, Hislop College, Nagpur thanked the staff members of Hislop College along with members Green Life Social Welfare Association and also Centre for Environment Research and Education and IndusInd Bank for making this green drive a success.



**Pic. 1.** Dr. Prashant Shelke, Officiating Principal, Hislop College planting the sapling at Grace Farms, Mahurzari, Nagpur

## 2. Wildlife Week-2020 (2<sup>nd</sup> October to 8<sup>th</sup> October):

Environmental Cell of Hislop College in association with IQAC and Faculties of Science organized an Intercollegiate Festival on Wildlife Week, 2020 with following events for the students of UG and PG:

I. Wild Life Quiz, II. Essay Writing, III. E-Poster Making and IV. Creative Writing (Complete the story). The aim of the Intercollegiate Festival was to create awareness on wildlife.

## 3. Commemoration birth anniversary of Dr. Salim Ali - 12th November, 2020:

One day birding session was organized at Rajbhavan Nagpur with the help of BNHS and Department of Zoology, Hislop College. Mr. Amey Pranjpe, BNHS CEC, Nagpur guided 60 students on bird's identification and call.



**Pic. 2.** Mr. Amey Paranjpe taking session on identification of Birds

## 4. Nature Trail and Bird Survey – 11<sup>th</sup> January to 15<sup>th</sup> February:

Ten students and Convenor of Hislop Environment cell actively participated in Ambazari Bird Survey 2021 organized by Nagpur Forest Division and Joint Forest Management Committee.

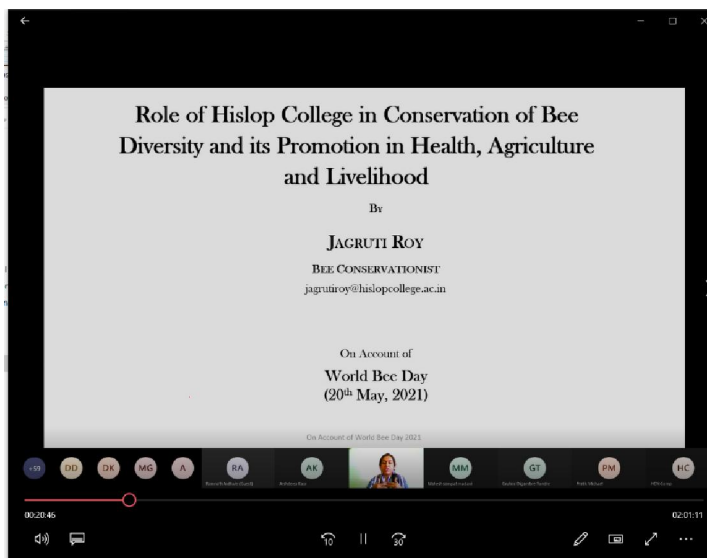


**Pic. 3.** Participants at Ambazari Bird Survey 2021

## **5. National Lecture Series**

### **i) World Bee Day – 20<sup>th</sup> May 2021**

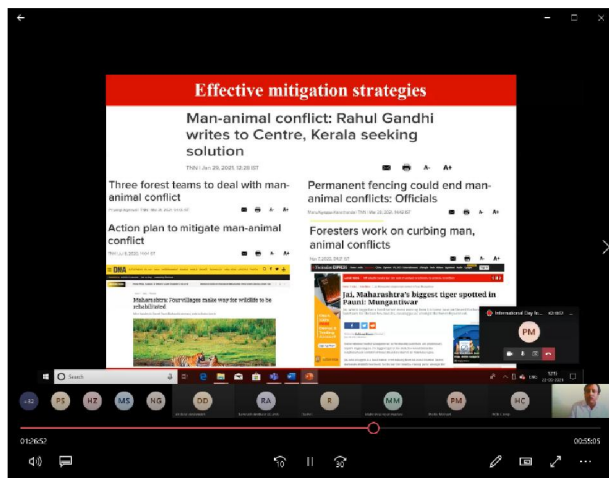
An intercollegiate webinar was conducted in collaboration with IQAC, Hislop College. Ms. Jagruti Roy, Research Scholar, Dept. of Zoology, Hislop College gave a talk on ‘Role of Hislop College in Conservation of Bee Diversity and its Promotion in Health, Agriculture and Livelihood’. Over 150 participants including students, research scholars, teachers and conservationists from different colleges in Nagpur were part of the event.



**Pic. 4.** Ms. Jagruti Roy was speaker at intercollegiate webinar on World Bee Day

### **ii) International Day for Biological Diversity - 22<sup>nd</sup> May 2021**

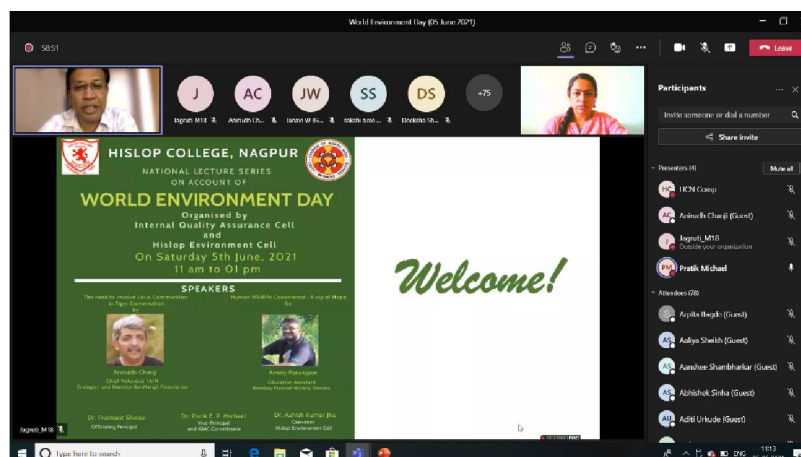
An intercollegiate webinar was conducted in association with IQAC, Hislop College. Dr. Ashish Jha, Head, Dept. of Zoology delivered a lecture on ‘The Future Coexistence: Hislop College initiative for mitigating Human Wildlife Conflict’. Around 150 attendees from different institutions in and around Nagpur participated in the event.



**Pic. 5.** Dr. A. K. Jha was speaker at intercollegiate webinar on International Day for Biological Diversity

### iii) World Environment Day – 5<sup>th</sup> June 2021

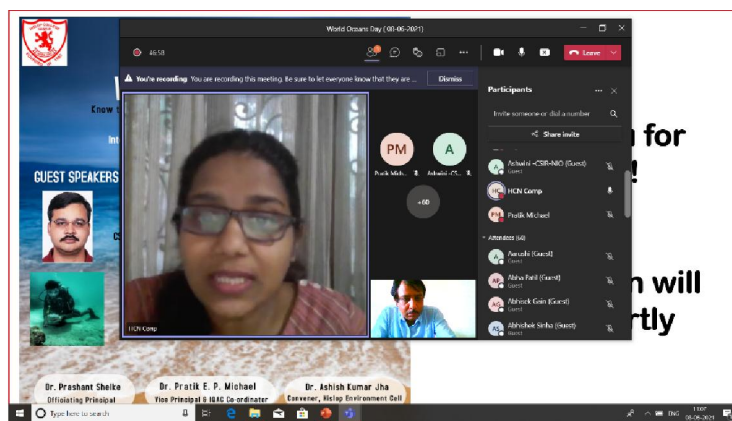
Based on this year’s World Environment Day theme, 'Reimagine. Recreate. Restore.' two lectures were delivered by Mr. Anirudh Chaoji, Chief Naturalist TATR, Ecologist and Director Ran Mangli Foundation and Mr. Amey Paranjape, Education Assistant, BNHS, Nagpur, on topics ‘The need to involve Local Communities in Tiger Conservation’ and ‘Human- Wildlife Coexistence: A ray of Hope’ respectively. 200 participants including students, research scholars, teachers and nature enthusiasts attended the educational webinar.



**Pic. 6.** Mr. Anirudh Chaoji and Mr. Amey Paranjape were guest speaker on World Environment Day

**iv) World Ocean Day- 8<sup>th</sup> June 2021**

With an aim to shed light on the wonder of the ocean and how it is our life source, supporting humanity and every other organism on Earth, World Ocean Day was celebrated in collaboration with IQAC. Students, research scholars and teachers who participated in the event were enlightened about the vast scope in the field oceanography and also the beauty of a world beneath through talks by two experts, Dr.Ashwini Kumar, Senior Scientist, CSIR - National Institute of Oceanography, Goa and Mrigank Save, PADI & SSI Master Scuba Diver on topics Oceanography in India and Life is an Ocean: Come experience Life respectively.



**Pic. 7.** Dr. Ashwini Kumar and Mr. Mrigank Save were guest speaker on World Ocean Day.

## **Human Resource Development Cell**

### **Webinar on “Cyber Security Risks**

In today’s techno savvy world, everyone is using the technology in some or the other way, without knowing the risks involved in it. The use of technology has tremendously increased because of COVID-19 situation. Considering the objective of raising the need, the Cell in association with IQAC organized a webinar on “Cyber Security Risks” on 27<sup>th</sup> November 2020 to create awareness about various security features of cyber activities. Resource person for the event was Ms. Isha Mujumdar, Cyber Security Expert, from Vigilante de jure. Ms. Isha Mujumdar highlighted many malwares related to mobile apps, social networking sites online

transactions and also explained the solutions and protective measures to minimize the evolved risks. 204 faculty members, research scholars and students attended the webinar.

### **Workshop on “Lab Maintenance and Electrical Fittings”**

The Cell in collaboration with Physics and Electronics Department organized workshop on “Lab Maintenance and Electrical Fittings” for Lab Attendants to enhance and update their skills for the same. The workshop has conducted on 22<sup>nd</sup> January 2021 in Physics (Bio- focal) lab. The resource person for the workshop was Dr. Thomas Philip, HOD Physics and Electronics Department and Assistant Lab attendant Raju Taitkar. He explained every basic aspect for maintenance and electrical fittings of Laboratories with practical experiments. 23 Lab attendants were attended the workshop from different departments of the college.

### **Virtual session on “Towards better Adolescent Reproductive Health”**

The Cell in association with IQAC organised a virtual session on “Towards better Adolescent Reproductive Health” on 8<sup>th</sup> February 2021 Monday with a motive to create awareness about a sensitive topic which is need of the hour because of many taboos’ adolescents are still hesitant to speak about it. The speaker was Dr. Rajasi Sengupta, Consultant Obstetrician & Gynaecologist, Sengupta Hospital & Research Institute. She explained all the aspects of reproductive health including changes in body during puberty mentally and physically. 112 faculty members and students were benefited from the session.

## **Human Rights and Equal Opportunity Cell (HREO) year 2020-21**

### **Online Survey regarding “Human Rights and Equal Opportunities”**

The cell conducted an online survey regarding “Human Rights and Equal Opportunities” through structured Google form. The main objective behind this survey was to sensitise & create awareness and evaluate the knowledge of students and teachers with respect to different aspects of Human Rights and Equal Opportunities in college. 189 respondents responded for the survey.

### **‘International Divyang Day’ on 3<sup>rd</sup> December**

On the occasion of international day for people with Disability, on 3<sup>rd</sup> December 2020 the cell in association with IQAC organized an event virtually on the topic “Let’s Create an Inclusive Society”. The guest speaker for the session was Mrs. Gayathri Vatasalya, Clinical Psychologist and founder of SVK Shikshan Sanstha. 157 faculty members and students were benefited from the talk.

### **Human Rights Day on 10<sup>th</sup> December**

The Cell has organized a webinar on the theme “Socio-Economic Development and Human Rights” on 10<sup>th</sup> December 2020 on the occasion of Human Rights Day. The Guest lecture for the programme was delivered online by Dr. Shankar Rao, Department of Economics, T.R.R Government College, Kandukur, Prakasham Dt, Andhra Pradesh. Dr. Rao had explained the relevance of the human rights by highlighting language of basic human wants, in keeping with the notion of dignity and equality of people and discussed the Human rights Treaties such as Universal Declaration of Human Rights 1947, ICESCR 1966, and elaborated how human right is universal moral right. The webinar session was attended by 208 faculty members and students from different discipline in the college.

## **Research Advisory Board year 2020-21**

### **Session on Copyright and Plagiarism**

The Board organised a session on “Copyright and Plagiarism”, on 10th April 2021 Saturday on virtual platform (MS Team) with a purpose to know about every aspect of copyright and plagiarism in research. The guest speaker for the session was Adv. Swapnil Gawande, Lawyer and Director of BLI consultancy Pvt. Ltd. 64 faculty members and research scholars participated in the session and took benefit of it.



## **Training and Placement Cell 2020-2021**

### **I) Activities Conducted or Programs organized by the Cell:**

In this session all the communication with the students was done online due to the pandemic. A WhatsApp group of registered students of Training and placement cell was formed for communication. Students were informed about the placement opportunities through messages and links.

ICICI Prudential Pre-Placement talk was conducted on 23<sup>rd</sup> January 2021 followed by interviews where 18 students appeared for the online interviews.

Versant Communication Assessment Training was conducted online by HCL, Nagpur on 25th February 2021. More than 75 students benefited from the Session.

As offline Training was not feasible during the session due to Pandemic. Training was imparted by the Training and Placement team members to their respective students in the online class along with regular classes.

### **II) Achievements of the Students:**

#### **Placements:**

- **HCL Placement** was conducted on 11<sup>st</sup> December 2020, **11** students got selected.
- **ICICI Prudential Placement** was conducted on 23<sup>rd</sup> January 2021, **6** students got selected.
- **HCL Placement** was conducted on 26<sup>th</sup> February 2021, **14** students got selected.
- **2** Students were selected by **Zingline Media Pvt. Ltd** for internship

Hislop College, Nagpur  
National Service Scheme (NSS)  
Annual Report-2021

Environment plays an important role in our everyday life, our entire life support system is depend on the well being of all the species living on earth which commonly referred as biosphere therefore, to sustain and keep this biosphere balanced, it is necessary to have equal growth of all the species for the smooth ecological functioning on the earth. Keeping this in mind, the government of Maharashtra that prescribes the plantation of 33 Million trees as target for this year, as part of this endeavor, the National Service Scheme (NSS) Hislop college unit has organized a Tree Plantation programme at Hislop College ground on 8<sup>th</sup> October, 2020. The NSS Unit has planted around 25 plants (saplings) such as Royal palm, Jambhul, Kaduneem, saplings in the college and hostel premises.



## Birth Anniversary of Mahatma Gandhi

NSS Unit celebrate Gandhi Jayanti on 2<sup>nd</sup> Octobere, 2020.

The NSS Unit of Hislop College organized Birth Anniversary of Mahatma Gandhi by paying heartfelt tribute to Gandhi Ji. Honorable dignitaries Dr. Prashant Shelke sir (Principal), Dr. Pratik Michael (Vice-Principal), Dr. Aja y Yeol (Vice-Principal), Mr. Milind Ghate, Mr. C.P. Farkade, Mrs. Abhilasha Raut, Mrs. Shinumol T.C. and other respected staff enlightened the day with their presence. Mrs. Abhilasha Raut (Dep. Of History) gave a short speech highlighting the importance of the day and the sacrifices made by Mahatma Gandhi in the freedom struggle.



## Constitution Day

Constitution Day is also known as the Indian law day. Every year it is celebrated on 26<sup>th</sup> November. In India the constituent of assembly adopted the constitution & it came into effect on 26<sup>th</sup> January 1950. On 26<sup>th</sup> November 2020 NSS unit of Hislop College organized an event on online at the platform of Microsoft teams. Due to this corona pandemic the necessary precautions were also taken by the members of NSS unit & also by the other faculty members of Hislop College Nagpur. As a chief guest our principle Dr. Prashant Shelke sir & vice –principle Dr. Pratik Micheal were prominently present and read the preamble of Indian Constitution. The co-head of NSS unit MR C.P Farkade shared his words & some valuable information related to the Indian constitution. By following all the necessary precautions & with full encouragement of Mr. Milind R. Ghate program officer the event was ended successfully & enthusiastically.



## Mazi Vasundhara

National Service Scheme (NSS) Hislop college unit has organized a Tree Plantation programme again on 3<sup>rd</sup> December, 2020 under the tagline of Mazi Vasundhara. NSS has planted a Mango tree by Hand of Police Constable of Nagpur city. Mr. Milind Ghate and C.P. Farkade took effort to make event successful.



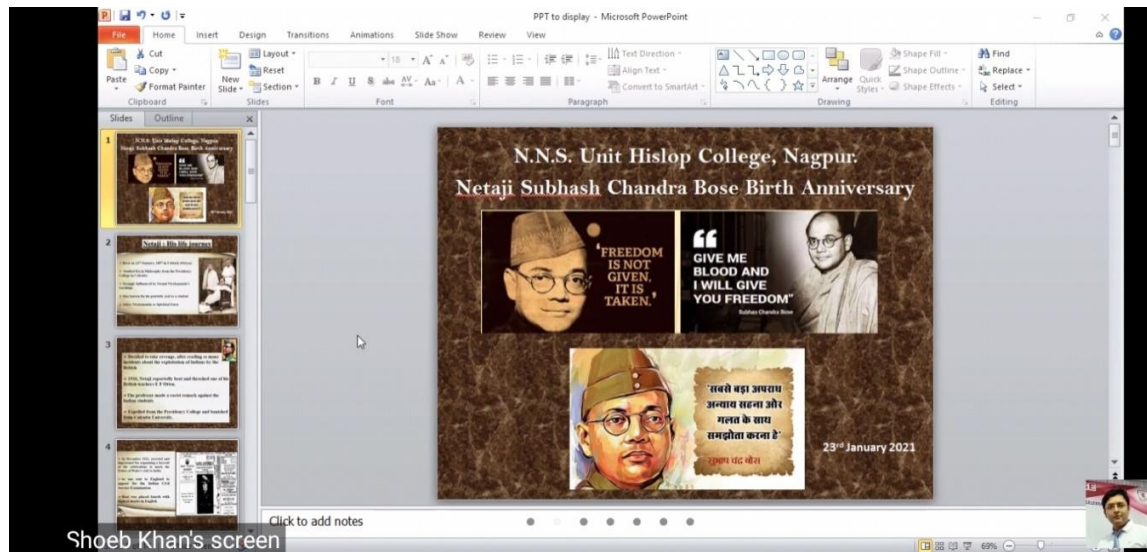
## Birth Annivarsary of Savitribai Phule

The NSS unit of Hislop College, Nagpur had organized as well as celebrated the BIRTH ANNIVERSARY OF SAVITIRI BAI PHULE in the college premises on 3<sup>rd</sup> January 2021 by following all the protocols of covid-19. The event started with lightning a gave lamp in front of the SAVITIRI BAI PHULES portrait by our respected teacher, then the garland made up of flower was placed by a Security Guard of our College . MR MILIND GHATE was the guest speaker & he shared his enlightening words regarding the celebration done on this day. He also shared the information about why we celebrate this day & who SAVITIRI BAI PHULE was actually & what she did for our nation. NSS Volunteers were present for the event. This event was huge success under the guidance & leadership of our Programme Officer of NSS UNIT.



## Birth Anniversary of Netaji Subhash Chandra Bose

The NSS unit of Hislop college, Nagpur had organized a online programme on 23<sup>rd</sup> January 2021 celebrating the 'Birth Anniversary Of Subhash Chandra Bose'. Subhash Chandra Bose was the Indian nationalist whose defiant patriotisim made him hero. He gave the very famous & perfect slogan 'TUM MUJHE KHOON DO MAIN TUMHE AZADI DUNGA'/ 'YOU GIVE ME BLOOD & I'LL GIVE YOU FREEDOM'. The NSS unit of Hislop College celebrate an online session through Microsoft teams. The event started with paying the homage & garland of flowers to the picture of SUBHASH CHANDRA BOSE. DR SHOEB KHAN was the guest speaker for the event. He shared very useful & knowledgeable facts & information about SUBHASH CHANDRA BOSE. The event really had a great success under the guidance & leadership of Mr. Milind R. Ghate, C.P. Farkade and Shinumole T.C. Madam



## National Voters Day on 25<sup>th</sup> January

The NSS unit of HISLOP COLLEGE, NAGPUR celebrated National Voters Day on 25<sup>th</sup> January 2021 in the college premises by following all the necessary precautions of covid-19. National Voters Day is celebrated because the government of India thought that by celebrating this day the youngsters will get encouraged to take part in the political process, & they will surely give their votes in the respective election process. On 25<sup>th</sup> January voters day is been celebrated. This day was started on 26<sup>th</sup> January 2011 to mark the commission's foundation day. This event was very held by the faculty members of HISLOP COLLEGE & of NSS. DR SHINUMOL T.C DEPT OF PHILOSPHY was the guest speaker of the event who read the Pledge of National Voters Day. She wonderfully told the reason behind celebrating this day and also encouraged youngsters for giving their votes. This event was very much useful, successful. Mr. Milind Ghate and C.P. Farkade sir were present for the same.





## Road Safety Abhiyan

NSS unit of Hislop College conducted a activity called as Road Safety Abhiyan on the occasion of 'Republic Day', to display their creativity and convey an important social message of road safety/awareness. NSS volunteers performed a Hindi street play to highlight the social reality on road accidents and put across their message or road safety. They performed scenes that depicted the general attitude of people on the road and how it leads to life threatening accidents. The volunteers then addressed the audience and persuaded them to be responsible citizens. The event of Nukkad Natak was a showcase with a lot of enthusiasm and exuberance. This unique activity enlightened them on aspects of self-reliance and teamwork. It was successful because of the encouragement of Programme officer of NSS Mr. Milind Ghate and co officer of NSS C.P Farkade.



## Street Play on Road Safety

NSS team of Hislop college picked an effective platform such as 'Street Play' on Sanvindhyan chowk on the occasion of 'Republic Day', to display their creativity and convey an important social message of road safety/awareness. NSS volunteers performed a Hindi street play to highlight the social reality on road accidents and put across their message on road safety. They performed scenes that depicted the general attitude of people on the road and how it leads to life threatening accidents. The volunteers then addressed the audience and persuaded them to be responsible citizens. The event of Nukkad Natak was a showcase with a lot of enthusiasm and exuberance. This unique exposure enlightened them on aspects of self-reliance and teamwork. It was successful because of the encouragement of Mr. Milind Ghate and C.P. Farkade.



## Celebration of Republic Day

On 26<sup>th</sup> January, 2021 Republic Day is celebrated at Hislop College premises. NSS Volunteers made decoration on the occasion of republic day. Dr. Prashant Shelke, officiating Principal, Vice-Principals, Dr. Pratik Michel and Dr. Ajay Yeol Sir were graced the occasion. Teaching and non teaching staffs were present for the same.



## Students Interaction event

NSS unit of Hislop College conducted event on 3<sup>rd</sup> February, 2021. The event was an Interaction between ex-NSS volunteers with new NSS Volunteers. Mr. Jitendra Nannware was active NSS volunteers during academic session 2017-2019. Mr. Jitendra was the first students who participated in NIC Camp and now selected in Indian Force. Mr. Jitendra has shared his NSS experience with students. Many new volunteers asked questions and he answer all giving some examples of his own. This event organized by NSS Programme officer Mr. Milind R. Ghate.



## Celebration of Chhatrapati Shivaji Maharaj Jayanti

On the great occasion NSS unit Hislop College has organized various competition on 22<sup>nd</sup> February, 2021. On this day Chhatrapati Shivaji Maharaj greeted with garland. Prof. Ajay Choudhari sir was invited as Chief Guest of the programme. He enlightened to the students asking questions on History and told to revisit history with the holistic approach. Various competition were conducted on the same day such as storytelling, singing and speech. Participants Shrutika Bokade, Utkarsh Divyansh, Shivangi Gupta, Lauri tammivar Nikita Kumbhar, Vivek Dubey Khushal boyar & Anchal Nandey won the competition and received prizes. All the winners were greeted with certificate.



## Orientation and Formation of Executive committee

NSS unit of Hislop College, Nagpur organized an orientation and installation ceremony of the National Service Scheme (NSS) in AV room at 11:00 a.m. Installation basically includes declaration of the new executive body for the 2020-2021 academic sessions. The programme started with basic introduction about NSS followed by lightening the lamp by the honorable chief guests Dr. Abhilasha Raut. Then NSS volunteers sang the group song of NSS followed by welcoming of the guests. After this, programme officer of NSS, Milind Ghatge proposed introductory remark about the benefits of joining NSS and a brief description of the activities which will take place throughout the year. Then a group of volunteer showed a Power Point presentation on life Chhatrapati Shivaji Maharaj. After that the executive body of NSS for the year 2020-2021 was announced and students were given badges by Guests, Milind Ghatge, C.P. Farkade and Shinamol Ma'am. Then the chief guest addressed the students with her motivating words.



## A Short Film Made By NSS Volunteers on Covid-19 Awareness.

A great initiative was taken by NSS unit of Hislop College aware people through digital platform by making video on Covid-19 pandemic. We all know that this corona pandemic have a terrible effect on our India. By keeping this in mind the NSS volunteers have tried to express in their videos that the inattentiveness of people can become the cause of a terrible crisis. So we should carefully obey every precaution of Covid-19. Along with hard work and efforts, they also tried to demonstrate some incidents such as sudden lockdown in country how people lost their loved ones, and people who break the rules and regulations were punished by the cops. This short film was posted on NSS youtube channel and hundred students liked it and appreciated the short film.

# International Women Day

International Women's Day is celebrated on March 8, 2021. It is a global day celebrating the social, economic, cultural, & political achievements of women. The NSS unit of hislop college , Nagpur organized an virtual program under the leadership of Mr. Milind Ghate NSS Program Officer & Mr. C.P Farkade NSS Co-Program Officer, where Mr. C.P Farkade sir gave a small token of speech on the implementation of programes issues like safety of women, education of girl child, better medical facilities & job opportunities for women.



On the occasion of this day we had organized some virtual activities like dancing, singing, and speech competition. Many of the hislopian's participated enthusiastically & enjoyed the activities.

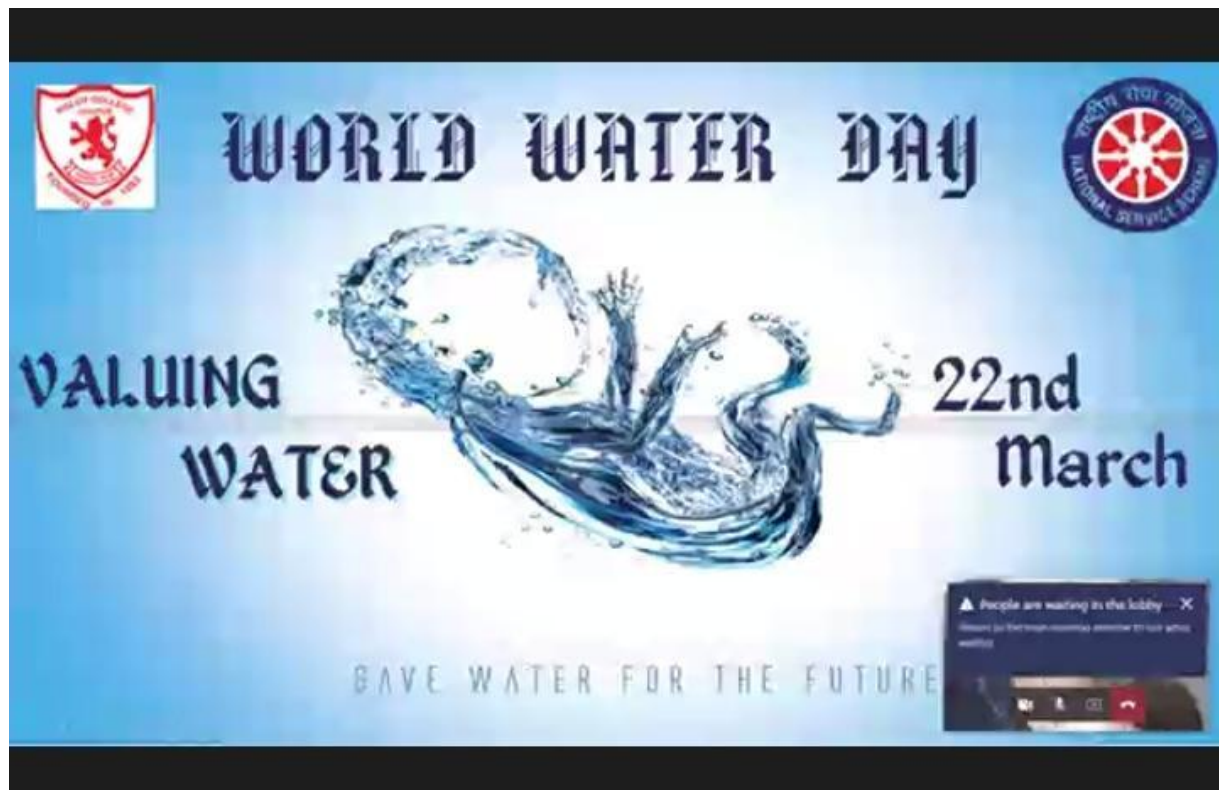


**Mere Bharat Ki Beti amazing dance ( Nilesh Verma ) student of Hislop college // NSS**  
Nss National service scheme · 220 views · 3 months ago



## World Water Day Programme

World Water Day is held on 22<sup>nd</sup> March every year since 1993, it focuses on the importance of fresh water. This day celebrates water & raises awareness of the 2.2 billion people living without access to safe water. It is about taking action to tackle the global water crisis. The NSS unit of Hislop college, Nagpur organized a virtual session on 22<sup>nd</sup> March, 2021 under the guidance of Mr. Milind Ghate, Mr. C.P Farkade. Both of them gave a small token of speech on the importance of water's day. NSS unit also organized some competitions like:-Poster-making, speech, video making & quiz competition. Some of the NSS volunteers made a short video on the awareness & safety measures of water. Each & every person of NSS gave so much of efforts for making this event a successful program. JUHI KOCHAR [BSC 1<sup>ST</sup> YEAR] backed 1<sup>st</sup> position in poster making competition RIYA BHADORIA [BSC 1<sup>ST</sup> YEAR] was the first runner-up for poster making & she was also the first winner in video making competition. SHRUTI HEDAOO [BA 1<sup>ST</sup> YEAR] was the second runner up for poster making. AKSHARA PEDRAJ [BSC 1<sup>ST</sup> YEAR] she backed 1<sup>st</sup> position in giving a marvelous speech on water's day.



## Save Birds save Humanity

Save Bird Save Humanity mission was started by the team of NSS volunteers of hislop college where we created small bird feeder/house for birds from waste paper or any other waste items. This mission was started because of two most important reasons that are.

1) As the pandemic situation of covid-19 is rising day by day birds do not get proper food and water 2) The summer season and hot sunny days which is not at all good for birds as well. For making this mission successful and creating awareness in everyone. Our NSS Volunteers Aman Kori & Brijesh Singh Khatana member of NSS group took a huge step ahead by creating a bird house using oil tin containers and they went some places like Burdi, Sadar and Imanvada police station where they hanged this bird house. Created a small bird house at their places and supported this mission The only moto of team nss was that in summers as we human need food and shelters to live a healthy life birds also need the same. So, by this event we decided to spread a message of saving birds. This mission was very well successfully done under the guidance of Mr. Milind Ghate sir & Mr. C.P Farkade sir.



PRAKRUTI AGRAWAL

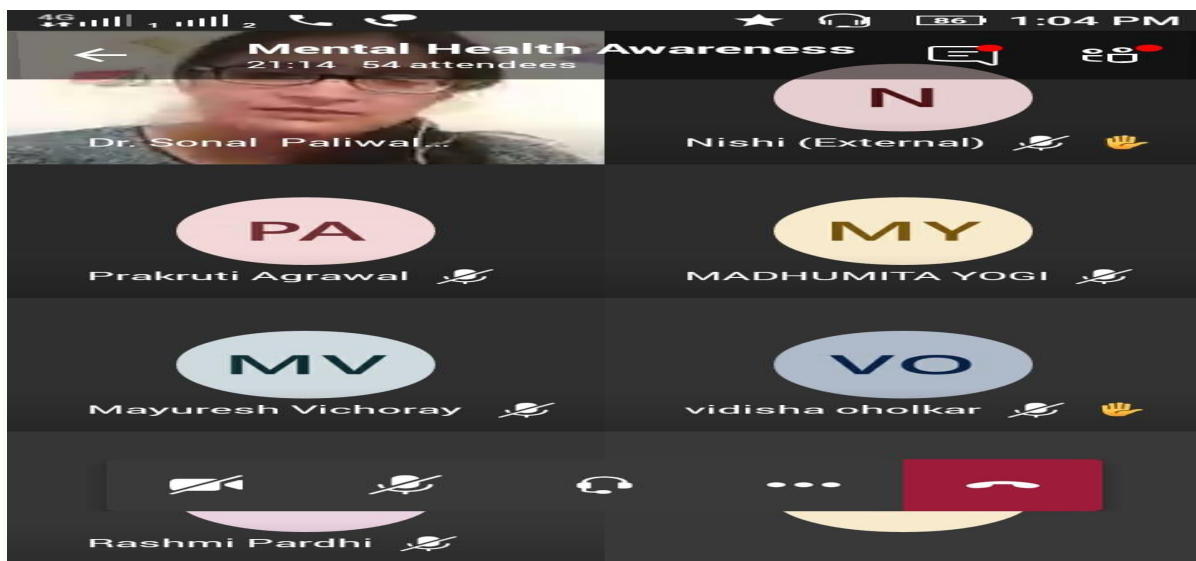
NAIMISHA SINGH

PRATIK BINKAR

ANKITA SINGH

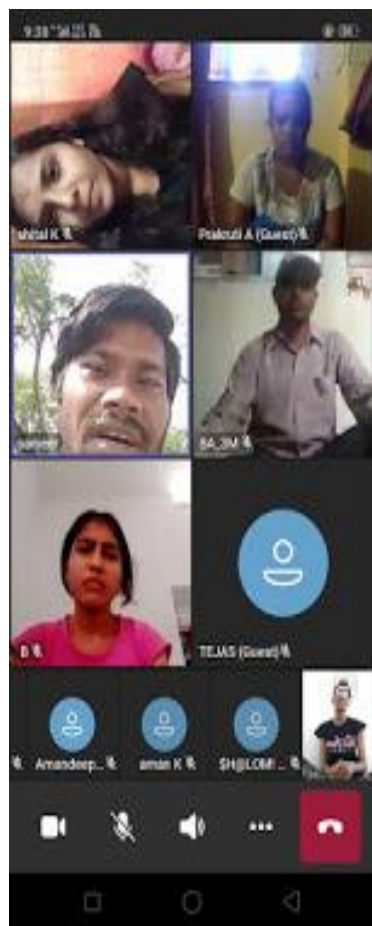
## Two Days Webinar on Mental Health

The NSS team of Hislop College organized an online webinar of 2 days on 'Awareness of Mental Health and issues'. In this event on Day 1) we had inter-collegiate extempore competition on mental health and issues where in the students from Ambedkar College, DNC College, & Hislop College participated with full enthusiasm. Day 2) We had a webinar on awareness of mental health and issues by 'Dr Sonal Palliwal. The kind of words or the interaction she did with the students was completely beyond the level of words. She very well explained the actual meaning of mental awareness ,even she listened to many of the problems or the issues which students had regarding the mental health & she tried her level best in giving the best of the solutions for solving the issues. THE event was a great success the faculty members of different streams from hislop College participated, the students from Hislop, Ambedkar & DNC college were a part of this virtual session. On day 1 i.e on 25th may we had an extempore competiton on topic mental health and issues where in the students of Hislop college, Ambedkar college & DNC college participated with full enthusiasm they really loved the topics and they also shared their wonderful views on the topics given to them on spot. There were 3 participants among 11 who won this competiton, 2 were from hilop college & 1 was from Ambedkar college. Mehandi Khatun Sheikh from BSC 2 Year Hislop College backed 1 position. Aforesaid Programme made successful under the guidance of Mr. Milind Ghate and C.P. Farkade.



## International Yoga Day

As Yoga is the perfect opportunity to be curious about what you actually are it is the only key to happiness for keeping ourselves healthy, fit and free from diseases. For making people aware about this day and its importance, the NSS unit of Hislop College had organized an online/virtual



session , where the only moto of the nss team members was to make people aware about yoga and by doing yog how we can keep ourselves healthy. Students of NSS team and also some of the faculty members like:- 'Dr Abhilasha Raut (History department)', 'Dr Harinder kaur' , 'Dr Shinumol T.C (philosophy department) Milind Ghate (Program Officer of NSS), C.P Farkade (Co-programme Officer of NSS) where the part of the event and by doing yoga they shared the needful messages which was really heart wrenching. The guest speaker/Yoga instructor for the event was Samir Ganwir sir who not only taught about yogasana but also shared some important tips through which we can keep ourselves healthy and fit. He concluded the session with a quote “karo Yog Raho Nirog”, which means stay fit ,stay healthy. All the active hislopians as well the teacher’s participated enthusiastically & practiced various asanas. Miss Amandeep Kaur (President of NSS) Mst Aman Kori (Vice President of NSS), Miss Prakruti Agrawal (Representative of NSS Hislop College) & Shital Khavse (Volunteer of NSS Hislop

College) lead the event peacefully and the other NSS team members managed everything perfectly & made this event a huge success and full of enthusiasm under the guidance of Mr. Milind Ghate sir & Mr. C.P Farkade sir.

## **Report of Rotaract Club of Hislop College 2020-2021**

During the session 2020-2021 the following activities were conducted by the club/cell, in online mode.

### **1) Project Name:** Behind The White Coat

Doctors, nurses and other healthcare providers were at the frontline of the pandemic i.e. Covid 19. Thereby, we asked doctors for videos in which they were supposed to share their experiences in fighting the virus and safety measures that people should follow during the pandemic. The videos were posted on the You Tube channel of the event.

### **2) Project Name:** Tree Plantation Drive

“Adapting to climate change...Securing our future, plant a tree today” with this motive the Rotaract Club of Hislop College took an initiative of Tree Plantation under the District Initiative “Mangal Bela”. The Rotaract Club of Hislop College, Nagpur planted 80 trees in one week. All the rotaractors planted different types of trees and took oath to water them on daily basis making them green and healthy.

### **3) Project Name:** Youth Day Pledge-Spread the word!

The Rotaract Club of Hislop College, Nagpur on “International Youth Day” organized an event wherein we asked people to take a pledge. Many youngsters came forward and made a commitment to stand up and speak believing in, “Be the change that you wish to see in the world”.

### **4) Project Name:** Webinar on ‘Power To Women’

On 26th August women's equality day, was celebrated by organizing a webinar ‘Power to Women’. It was conducted by Rotaract club of IGGMC in collaboration with Rotaract club of Hislop college. Two esteemed speakers were present at the webinar ,the first was Ms. Chandana Hiran who started the campaigns #WomenNotObjects and #AllShadesAreLovely she spoke about her journey and why she became a feminist , what exactly feminism is . Our second speaker was none other than Rtn. Geeta Ma’am, she told us about why discrimination exists in our society and how we ourselves can overcome that.

### **5) Project Name:** Best from waste Competition.

On 16th September the Rotaract Club of Hislop College organized a competition, themed 'Best out of Waste’. The participants presented creative art pieces made by them using the waste materials from their home.

The organizing committee as well as the participants were surprised to see beautiful art works like doll from old glass bottle, old towel and cement used to make an amazing flower pot etc. On 20th the event ended with overwhelming participations and we appreciated the participants by presenting them with e- certificates and some good novels.

6) **Project Name:** Suicide Prevention Awareness Camp.

Rotaract Club of Hislop College with an intention to spread awareness on mental health organized a campaign called #yourlifematters. We asked people to share some positive thoughts, messages for people who wanted to quit their life, and to give them hope that it will not be like this forever. The participants shared their views and we shared them with different people and took initiative to spread awareness for suicide prevention.

7) **Project Name:** Fancy dress competition- Navratri Special

The Rotaract Club of Hislop College, Nagpur organized Fancy dress competition during the Navratri Festival 2020. Due to Covid it was not safe for all to move out of our home and enjoy Navratri, so keeping this in mind we tried to keep people active and motivated to celebrate this festival at home and participate in the contest. The theme of contest was Indian Traditional Attire. It was a 3 days event and the results were announced on 25<sup>th</sup> of October. The winners were awarded with the achievement certificate and the participants were rewarded with participation certificate.

8) **Project Name:** Rangoli- Navratri Special

This year, virtual " Rangoli Competition " was organized during the joyous festival of Navaratri. It was held on 24th October 2020 and particular two themes were given (1) Save Girl Child (2) Free Hand. Participants were asked to post their selfie with their Rangoli in the respected group. Each of the Participants were provided a participant's certificate and thus the successful virtual competition was concluded.

9) **Project Name:** Doodle- Navratri Special

This year, the club organized a virtual " Doodle Competition " during the festival of Navaratri. It was held on 24th October 2020 and particular themes were given (1) Conservation of Nature (2) Unity in Diversity.

10) **Project Name** – Dessert Contest- Navratri Special

‘Navratri's special Dessert Contest’ was held on 21 October one of the event in the Navratri fest organised under the banner of Rotaract Club of the Hislop College. To protect the body

from covid-19 immunity booster foods should be consumed hence the theme for the Contest was use of at least one immunity booster ingredient . List of ingredients, recipe of the Dessert were submitted along with the picture of Dessert and a selfie of the cook for judgement.

11) **Project Name:** Season Warm-Heart

Summer took its pace and temperature began to rise creating hardships for the birds and animals. To fulfill their needs Rotaract Club of Hislop College made an effort to keep water sources such as earthen pots, water tanks, water tubs for the thirsty birds and animals. Not only water but grains and edible food were also provided.

12) **Project Name:** Content Writing Session.

Rotaract Club of Hislop College in collaboration with 8 other clubs from different districts organized Content writing session. It was a very meaningful session and aimed at developing creative thoughts, using imagination, broadening the thought process and problem-solving abilities. The session was taken by Rtr. Shubham Yewale, he is a content writer from Pune.

Women's Studies and Development Centre

**Report for the session 2020-2021**

The overall aim of Women's Studies and Development Centre is to develop all spheres of the student's life so that they can actualize their true potential and excel in today's competitive world. Our desire is to inculcate a sense of social responsibility, and empathy amongst their colleagues and peers, alike. This is a platform to create awareness and sensitivity to social problems, and challenges faced by women, and to deliver various women development programs.

Women's Studies and Development Centre of Hislop College, Nagpur was inaugurated, and the Executive body for the academic session 2019-2020 was installed on 8<sup>th</sup> December 2020. The executive body for the session is as follows:

President: Miss. Sakshi Wandhare, III B.Sc.

Vice President: Mr. Prasad Bhake, III B.Sc.

Secretary: Miss. Miss. Dipti Chandani, III B.A.

Joint Secretary: Miss. Vrishali Shinde, II B.A.

Treasurer: Mr. Anurag Shirke, II B.A.

Committee Members: Miss. Saubia Rahman, III B.Sc.

Miss. Gayatri Rajvaidya, III B.Sc.

Mr. Ejaz Ansari, III B.Sc.

Miss. Roshini Palesha, II B.Sc.

Mr. Kanak Agrawal, II B.Com.

Miss. Yusra Ahemad, II B.Com.

Mr. Tejas Junankar, III B.Sc

On the day of Inauguration, to make the students gender sensitive, an awareness talk on Gender sensitization on the topic “Understanding Gender: Looking beyond He/She” was delivered by Dr. (Mrs.) Priya Rajkumar, PG Department of Psychology, Hislop College, Nagpur.

The Women’s Studies and Development Cell in collaboration with Department of Sociology and Internal Quality Assurance Cell (IQAC), Hislop College, Nagpur conducted a webinar on “Unknot yourself before you tie the knot: *Premarital Counseling and Women Empowerment*” to mark the International Women’s Day 2021 on the 8<sup>th</sup> of March 2021. A presentation based on UN Global Women theme on “*Women in Leadership: Achieving an equal future in COVID-19 world*” was prepared and presented by Miss Sakshi Wandhare, Mr. Prasad Bhake, and Mr. Tejas Junankar. Dr. Manjusha Dilip Kanade, Counsellor, Family Court, Nagpur spoke on the topic “Premarital Counselling” to educate the students.

Screen shots:



Topic: “Understanding Gender: Looking beyond He/She”

Date: 8<sup>th</sup> December 2020





Topic: "Unknot yourself before you tie the knot:  
*Premarital Counseling and Women Empowerment*"

Date: 8<sup>th</sup> March 2021



*J. H. H. H.*  
OFFICIATING PRINCIPAL  
HISLOP COLLEGE  
NAGPUR