

REPORT OF EXTENSION CELLS



COMPETITIVE EXAMINATION CELL

A *Webinar on 'Career Options and Shiv Vidya Prabodhni'* was organized for the students on July 15, 2021. Dr. Ashish Jha, Head of the Department of Zoology, was the resource person.

A *Webinar on 'Careers in Government Sector- Through Competitive Exams'* was organized by the cell in collaboration with the Alumni Association of the college on October 22, 2021. Mr. Vivek Bhimanwar IAS, Joint Secretary in Department of Information and Technology, Government of Maharashtra was the guest speaker on the occasion.

A *Webinar on Central Government Recruitment* was organized on February 17, 2022. Mr. Rahul Vaidya, Director of the Gadget Academy was the guest speaker on the occasion.

An *'Aptitude Webinar & Assessment Test'* was organized by the cell in collaboration with Vikalp Education on February 11, 2022 in order to help students evaluate their preparation and performance.

ENTREPRENEURSHIP DEVELOPMENT CELL

An online *Inauguration and Installation Programme* of the Entrepreneurship Cell was held on October 11, 2021. It was followed by followed by a *Webinar on 'Social Entrepreneurship-Need of the Day'* by Mr. Pratap Shukla, CEO of Incubation Center, RTM Nagpur University.

A *Webinar on 'Myths of Entrepreneurship'* was organized by the cell in collaboration with Human Resource Development (HRD) Cell of the college on December 16, 2021. Dr. Anita Rao, Founder of Nagarjuna Ayurvedic Treatment Centre was the guest speaker.

'The Business Incubator Meet' was organized by the cell in collaboration with the Alumni Association of the college on October 30, 2021 in order to encourage the budding entrepreneurial ideas percolating in the students.

An online *'Business Chat Show'* was organized for students at intercollegiate level, on February 23, 2022. The show featured 'Shark Tank India' fame duo- Sanskar Mishra and Chahat Pahuja, young and dynamic co-founders of two start-ups namely Farda (Street wear Brand) and Party Wolf (Event Management Firm).

The Hislop delegation of the ED cell -Ms.Khushi Rana, Mr. Arman Verma, Mr. Aman Singh, Mr. Anup Gopale and Mr. Baldev Singh Gautam participated in the Annual International Corporate *Global Entrepreneurship Summit (GES)* organized by Entrepreneurship Cell, IIT Kharagpur from March 11 to March 13, 2022. Mr. Arman Verma and Mr. Aman Singh shared their model with the experts. The efforts of the ED cell of Hislop college were appreciated by the experts.

A Seminar on 'Website Designing' was organized on April 27, 2022 in the college auditorium. Mr. Abhay Sonak was the resource person.

ENVIRONMENT CELL

A *3-day National Event* called In Pursuit of a Greener Tomorrow on world nature conservation was organized from July 28 to July 30, 2021 in collaboration with IQAC and SQAC of the college. A number of competitive activities and guest talks on the topic of nature conservation were held in the event.



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National Intercollegiate Festival on Wildlife Awareness -2021 was held in collaboration with IQAC and the Departments of Science, during the National Wildlife Week from October 2 to October 8, 2021. Intercollegiate events such as quiz, essay writing and poster making competitions on the theme of wildlife conservation were held.

A *Guest Lecture* to mark the *World Earth Day* was held on April 23, 2022. Mrs. Uttara Mulik, an Isha Foundation volunteer, was the guest speaker on the occasion.

A *Series of Guest Lectures* were held to mark the World Bee Day on May 20, 2022. Dr. D.V.N. S. Suresh, Ms. Jagruti Roy, Ms. Mamta Bhadade, Ms. Devyani Wardhe were the guest speakers on the occasion.

A *Guest Lecture* on preservation of environment was held on June 6, 2022 to mark the World Environment Day. Dr. Ashok Wankhede, an Associate Professor at Taywade College in Koradi, Nagpur was the Chief Guest and the guest speaker on the occasion.

HISLOP COLLEGE ALUMNI ASSOCIATION (HISCAAN)

A *Webinar on 'Careers in Government Sector- Through Competitive Exams'* was organized in collaboration with the Competitive Cell of the college on October 22, 2021. The guest speaker for the programme was Mr. Vivek Bhimanwar IAS, Joint Secretary in Department of Information and Technology, Government of Maharashtra.

An *Interactive Session on 'Learning for Earning'* aimed to enlighten students about the importance of internships and on-the-job training was held on December 3, 2021. Mr. Ashish Naidu, founder of an automotive start-up was the resource person on the occasion.

An *Online Training Module, 'Gear up to Grow'* under the HOPE Financial Sponsorship Scheme for the session 2021-22 was held on February 18, 2022. The Resource Person for the session was Mr. Mukesh Ashar.

A *Training Module on 'Physical Fitness for Students Post COVID'* under the HOPE Financial Sponsorship Scheme for the session 2021-22 was held on March 29, 2022. The Resource Person was Dr. Amit Kanwar, Head of the Department of Physical Education, Hislop College, Nagpur.

'HOPE', a financial sponsorship programme for the undergraduate and post-graduate students of the college completes a decade with its tenth edition. This year 96 students benefited from this scheme. Besides financial support, these students were also provided customized training through various soft and life skill sessions.

HUMAN RESOURCE DEVELOPMENT CELL

An *Awareness Program on 'Understanding Heart Failure'* was organized in collaboration with IQAC on October 9, 2021. Dr. Santanu Sengupta, Director, Sengupta Hospital and Research Institute, Nagpur was the resource person on the occasion.

A *Webinar on 'Myths of Entrepreneurship'* was organized in collaboration with the ED cell of the college on December 16, 2021. Dr. Anita Rao, Founder of Nagarjuna Ayurvedic Treatment Centre was the guest speaker.

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Awareness programs “Oral Health and Hygiene” and “Be Happy Be Healthy” were organized on April 9, 2022. The resource persons for the program were Ms. Mary Mukherjee, Times of India and Dr. Amit Kanwar, HOD, Physical Education, Hislop College, Nagpur. 165 faculties and students actively participated in the session.

An Online awareness program on “Health & Wellness with Ayurveda” was organized in collaboration with Women’s Studies & Development Cell and Department of Sanskrit of the college on March 30, 2022. The resource person for the session was Dr. Mrunal H. Warnekar, Ayurvedacharya. It was attended by 56 participants.

A 5 Days Self-phased National Level Certificate Course on "Essential Computer Skills for Organizing Online Programs" was organized in collaboration with The Athenaeum from October 1 to October 11, 2021 on the occasion of National Education Day of India. The course was designed and conducted by Mrs. Rupa Rajakumari R Peter of the Department of Computer Science of the college in online mode. Around 136 participants completed the course.

HUMAN RIGHTS & EQUAL OPPORTUNITY CELL

An Online Awareness Program “Shop online and don’t get hurt...Know your consumer rights” was organized in collaboration with WSDC and Department of Commerce on August 5, 2021. The resource person was Dr. Hema Menon, Professor and IQAC Coordinator, Ambedkar College Nagpur.

A *Webinar on Tribal Rights and Constitution* was organized in collaboration with Department of Sociology on October 25, 2021. Adv. Mr. Bodhi Ramteke, an independent research scholar of Pune was the guest speaker on the occasion.

An *Online webinar* to celebrate International Women’s Day was organized in collaboration with WSDC and Department of Sociology on March 8, 2022. Dr. Sona Kumar, Principal G. H. Rasoni School and Dr. Shanoor Mirza, Principal JN Tata Parsi Girls Junior College, Nagpur were the guest speakers on the occasion. The program was attended by about 137 teachers and students.

An *online National Level Webinar on “Human Rights and Environment”* to mark the Human Rights Day was organized in collaboration with WSDC on December 10, 2021. Mr. Ananda Nepali, Co-Founder/Director, Policy Research & Consulting Services Ltd., Public Policy Scholar, US Embassy Youth Council Member Bagmati, Nepal was the guest speaker on the occasion.

NATIONAL SERVICE SCHEME (NSS)

The Program Officer of NSS was Mr. Milind Ghate. and Co-Program Officer was Mr. C.P. Farkade for the session 2021-22.

Shiv Swaraj Divas was celebrated on June 6, 2021 and Dr. Abhilasha Raut of the Department of History of the college was the guest speaker on the occasion.

International Yoga Day was celebrated on June 21, 2021

A *Tree Plantation Drive* was organized with NSS volunteers planting saplings on the college premises .

A *Zumba Dance Event* was organized under Fit India Campaign run by Government of India on August 20, 2021. NSS volunteers performed Zumba and also encouraged others to participate on Walkers Street, Nagpur.

NSS Day was celebrated in college on September 24, 2021.



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A **COVID- 19 Vaccination Drive** was organized in the college on September 28, 2021 under Mission Youth Health Drive. The medical professionals from NMC came and provided more than 75 vaccines in college campus. Additional Commissioner of NMC Mr. Sandeep Joshi interacted with the NSS volunteers.

Gandhi Jayanti was celebrated in college on October 2, 2021. The NSS Volunteers later performed a **street play** on the theme of ‘non-violence’ at Maharaj Bagh Zoo, Nagpur.

A **Street Play** to spread awareness about ‘COVID-19’ was performed by the NSS volunteers at Koradi Temple, Nagpur on October 12, 2021.

‘UMANG- 12 Hours of happiness for underprivileged children’ was organized in collaboration with other NGOs on November 14, 2021 on the occasion of Children’s Day.

Constitution Day was celebrated in the college with the reading of the Preamble on November 26, 2021. NSS Co-Program Officer, Mr. C.P. Farkade, gave a speech explaining the significance of the Indian Constitution.

Guest Lectures on ‘AIDS Awareness’ by Dr. Arti Patil, a gynaecologist and Dr. Ashwini Tayde, an Infections Disease Specialist were organized to mark the **World AIDS Day**

Savitribai Phule Jayanti was celebrated in the college on January 3, 2022.

National Voters Day was observed on January 25, 2022. A week-long celebration took place in the college with the following activities: a Guest Lecture by Dr. Anjali Gaidhane, HoD, Political Science of the college and inter-collegiate speech, essay-writing, meme making, singing, drawing and slogan writing competitions.

A **Cleanliness Drive** was organized in the college on February 10, 2022.

A **‘Sanitary Napkin Awareness Drive’** and distribution of sanitary napkins was organized in Bhandewadi area to mark the International Women’s Day on March 8, 2022.

An **Intercollegiate Debate Competition** on the topic “Uniform Civil Code should be implemented or not?” was organized to mark Mahatma Phule Jayanti on April 11, 2022 and Dr. B.R. Ambedkar Jayanti on April 14, 2022. Dr. Vinod Khedkar, Asst. Professor at Dr. M.K. Umate College, Nagpur was the judge for this competition.

Achievements of NSS Volunteers :

Pratik Binkar and Prathamesh Kalamkar won 3 medals in university level NSS camp organized by Kamla Nehru College, Nagpur.

NSS Volunteers Anushka Nag, Anup Banerjee, Shital Khavse and Hussain Khan won ‘Best College Award’ in State-level NSS Camp held at Parshivni, Maharashtra.

NSS Street Play team won the Intercollegiate Street Play competition which was organized by G.H. Rasoni, Nagpur.

NSS Dance team won the Intercollegiate Dance competition which was organized by G.H. Rasoni, Nagpur.

NSS Skit Team won the 3rd position in National Level Skit Competition organized by M.D. College, Mumbai.

RESEARCH ADVISORY BOARD

An **Online Workshop on “Pre and Post-Doctoral Degree Procedure”** was organized in collaboration with IQAC, Hislop College and Place for Higher Learning & Research, C.P.& Berar College, Nagpur on October 8, 2021. The resource person was Dr. Medha Kanetkar, Coordinator, Place for Higher Learning and Research, C P & Berar College, Nagpur.

An **Online Workshop on “Meaningful Research from Undergraduate and Postgraduate Students and Role of Faculty”** on March 2, 2022. The resource person was Dr. Dhiraj Naik, Assistant Professor at Jankidevi Bajaj College of Science, Wardha.

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SKILL DEVELOPMENT CELL

Certificate Course in English Communication Skills and Personality Development was conducted from November 8 to December 8, 2021. Mrs. Rowena Philip and Ms. Sumaira were the Resource Persons for the course.

Certificate Course in French Language was conducted from November 8 to December 8, 2021. Ms. Sumaira was the Resource Person for the course.

Certificate Course in Graphic Design was conducted from November 8 to December 8, 2021. Mr. Pravin Rotkar was the Resource Person for the course.

STUDENTS' QUALITY ASSURANCE CELL (SQAC)

Induction Programme of the new students was held from September 28 to September 29, 2021. The purpose was to help the new students adjust to the new environment and to orient them to the various student support services available in the college with regard to academics, scholarship, fitness and cultural activities.

A *3-day National Event* called "*In Pursuit of a Greener Tomorrow*" on world nature conservation was organized in collaboration with IQAC and the Environment Cell of the college from July 28 to July 30, 2021. Apart from a number of competitive activities and guest talks on the topic of nature conservation, short awareness videos were also shared with the students.

THE ATHENAEUM

A *National-Level Poetry Writing and Recitation Competition* and a *National-Level Painting Competition* on the topic, An event from India's Struggle for Independence was organized to mark India's 75th Independence Day.

A *Sanskrit Translation Competition* was organized in collaboration with the Department of Sanskrit to mark the World Sanskrit Day on October 22, 2021.

An *Article Writing Competition* on the topic 'I Forgive Because...' was organized on September 7, 2021 to mark the World Forgiveness Day.

Whodunnit, a Story Writing Competition and a Book Review Competition were organized on September 8, 2021 to mark the World Literacy Day.

Three National-level Online Competitions- Hindi Poetry Writing and Recitation competition, Indian Classical Dance Competition and a Quiz on Hindi Literature were organized in collaboration with the Department of Hindi on September 14, 2021 to mark Hindi Diwas.

A *5-day Online Workshop* on 'Essential Computer Skills for Organizing Online Programmes' was organized for the students as well as staff members. Ms. Rupa Rajakumari of the Department of Computer Science was the resource person.

A *National Level Workshop* on "Unleash the Power of Advertising!" was organized in collaboration with the Department of Commerce.



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TRAINING AND PLACEMENT CELL

TCS Orientation Programme for NQT Test was organized on online mode on December 6, 2021 and around 100 students benefited from it.

Workshop On Work Skills (WOW-2021), an annual training programme was conducted online on December 7, 2021. The following three sessions were conducted as part of this programme: 'Resume Writing' by Dr. Supantha Bhattacharyya; 'How to face Online Telephonic Interview' by Mr. Rishi Chourasia; 'Managing Digital Footprints' by Mr. Biju Jacob John. Around 120 students benefited from this workshop.

TCS Online Workshop on Capital Markets was conducted on January 7, 2022 to orient students about placement opportunities with TCS and other online capital markets. 118 students attended the workshop.

Placement of Students :

- BYJU's : 5 students
- HDB Financial Services Ltd.: 5 students
- Valethi Technologies: 1 Student
- Teachnook: 13 students
- CoolBoots: 2 students
- ICICI Prudential: 9 students

WOMEN'S STUDIES AND DEVELOPMENT CENTRE

The **Inauguration and Installation of the Executive Body** of the cell for the academic session 2021-22 was held on October 21, 2022.

An **Awareness Talk on the topic "Gender Equity: Equality knows no Gender"** was delivered by Dr. Reeta Dhandekar, Associate Professor & Head, Department of Political Science, Sevadal Mahila Mahavidyalaya on October 21, 2022.

An **Online Awareness Program on Consumer Rights** "Shop online and don't get hurt...Know your consumer rights" was conducted on August 5, 2021.

Workshop on 'Self Defense & Fitness' was conducted for the student members online on November 30, 2021

An **Online Webinar on 'Human Rights and Environment'** was held on December 10, 2021 to mark the Human Rights Day.

An **Online webinar** to celebrate International Women's Day was organized in collaboration with HREO and Department of Sociology on March 8, 2022. Dr. Sona Kumar, Principal G. H. Rasoni School and Dr. Shanoor Mirza, Principal JN Tata Parsi Girls Junior College, Nagpur were the guest speakers on the occasion.

A **Webinar on "Health & Wellness with Ayurveda"** was organized on 30 March, 2022.

DEPARTMENTAL REPORTS



DEPARTMENT OF BIOCHEMISTRY

Bio Confluence, an online lecture series was held for UG and PG students to provide them a broader exposure to advancements in the field of life sciences.

A **30 hour Certificate course** on "Development of Diagnostic Kits" (CIIMS) was held from November 10 to November 26, 2021 as part of an agreement with the Central Institute of Medical Sciences (CIIMS). 30 students took part in it.

A **Visit to the ICAR-Central Citrus Research Institute** in Nagpur was organized on November 27, 2021. Students also took part in the India- International Science Festival.

Master's Paradigm: Season III, an Online Webinar Series to celebrate World Wildlife Day and National Safety Day was organized on March 3 & 4, 2022 in collaboration with the Department of Botany and IQAC .

Kaleido, a cultural event, was organized on April 13, 2022. .

Two MoUs were signed in 2021 with ICAR (Central Research Institute) and Central India Institute of Medical Sciences, Nagpur to foster research and academic collaborations.

Achievements of Students :

University Merit and Gold Medal : Ms. Sanskriti Deo secured 3rd Merit position in the final semester examination of RTM Nagpur University and received R.B. Pawar Gold Medal at the 109th Convocation of the University.

Prizes Won : Mr. Prathamesh Ghadole won second prize in a quiz competition organized by Nagpur Quiz Club on July 3, 2022.

Competitive Exams : Khatendra Reang cleared CSIR-NET, ICAR-NET, GATE ; Mr. Giftson Kunnil cleared SET & GATE; Sukanya Ninave cleared SET; Chetana Akhand and Arti Karamchandani cleared GATE; Daniel Raj and Riya Johnny cleared IELTS.

Achievements of the Staff :

Presentations : Dr. Rashmi Padhye, Mrs. Richa Dubey, Mrs. Sudipta Sarkar and Dr. Mashitha Pise presented 04 papers each at the 8th International Congress of Society for Ethnopharmacology held at Pune.

Awards : Best Paper award was given to Dr. Mashitha Pise in 8th International Congress of Society for Ethnopharmacology.

DEPARTMENT OF BIOTECHNOLOGY

Guest lecture by Mr. Ambarish, an alumni of the department was organized on October 16, 2021. He spoke about various entrance exams for admission to PG and PhD courses.

Online workshop on 'Resume and SOP writing' was conducted on October 18, 2021. The speaker was Shuchita Soman, NCBS and the workshop was attended by 46 post graduate students.

Workshop on Diagnostic Test Development was organized on the occasion of International Science Day, from November 10 to 26, 2021.



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Online Career Counseling Seminar was organized on December 18, 2021 for current PG students. The speaker was Dr. Roshan Kumar who spoke about career opportunities in research.

A Three Day Workshop on Research Paper Reading was conducted in collaboration with Homi Bhabha Centre for Science Education (HBCSE), Mumbai from January 10 to 12, 2022. The resource person was Dr Anuttama Kulkarni and she was assisted by Miss. Deepika.

Guest talk and Interactive Session with Dr. Anil Kumar Challa, University of Alabama, Birmingham was organized on April 28, 2022 for UG and PG Students of Biotechnology.

Initiatives : The department has initiated internship training programs and also started offering comprehensive lab services including the supply of microbial cultures, bio-analytical testing of samples and instrument usage for students and faculty members. The department was able to earn Rs. 44,000/- in the session 2021-22 from these services.

MoU was signed between Central India Institute of Medical Sciences (CIIMS), Nagpur and Hislop College, Nagpur.

Achievements of Students :

University Merit : Sonal Shrivastava was placed 1st in the order of merit in RTM Nagpur University examination (2021) in M.Sc Biotechnology.

Selections: Bhairavi Bakare and Samruddhi Sharma were selected for NIUS-Biology 2021 (**The National Initiative on Undergraduate Science**).

Competitive Examinations : Chaitanya Gadekar, Pradnya Sawaliker and Swarali Ramteke cleared GAT-B entrance exam. Chaitanya Gadekar, Pradnya Sawaliker, Swarali Ramteke, Aditi Urkude and Kanishka Maske cleared the coveted IIT-JAM entrance exam.

Achievements of the Staff :

Projects : Dr. Sunita Bundale, has been awarded a major project of Rs. 37.63 lakhs by the Department of science and Technology.

Publications : A textbook of Microbiology (B.Sc Semester-III), Himalaya Publishing House was co-authored by Dr. Sunita Bundale.

Two research papers were published in international journals by the staff members.

Presentations : Dr. Sunita Bundale and Ketki Gwalani presented three papers each in international conferences.

DEPARTMENT OF BOTANY

The **18th Annual Flower Show** was inaugurated on December 11, 2021 at the hands of Ms. Vinita Sahu, DCP – Zone II Nagpur in the presence of the Principal, Dr. Prashant Shelke, Vice-Principal, Dr. Ajay Yoel, distinguished alumni, senior academicians and all the college staff members. The seventh edition of Papilion, which is a subset of the flower show and involves school students for various competitions, was organized online with the ‘Theme of Flowers around You’. This year 184 students from schools in and around Nagpur participated in it.

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National Intercollegiate Festival on Wildlife Awareness 2021 : A Student Event was organized in collaboration with the IQAC, the Faculties of Science and the Environment Cell of the college on the occasion of Wild Life Week (2021). The aim was to create awareness among the students through four student based events. The quiz was held online on October 8, 2021. The total number of participants was 354.

Women #G.O.A.T Greatest of All Time-Women Pioneer was the title of the online time bound quiz contest organized in collaboration with the Department of Biochemistry of the college to celebrate Women's Day 2022.

Science Talk Series on the topic, 'Antibiotic Resistance–The Hidden Pandemic' was organized on October 30, 2021. Mr. Suman Ganger, Department of Microbiology, VES College of Arts, Science & Commerce, Mumbai was the guest speaker on the occasion. It was attended by 81 students.

Go Green Initiative, a Tree Plantation Drive was carried out in collaboration with the NSS Unit of the college on July 21, 2021 in Hislop College Campus. Dr. Prashant Shelke, Officiating-Principal, Hislop College was the Chief Guest on the occasion. A total of about 100 trees were planted on the College campus.

'Green Windows'- a Departmental Visit by Hislop Junior College Students was organized in order to stimulate the young minds' interest in the subject of Botany. Ms. Parama Majumdar was the teacher in-charge of the visit.

Masters' Paradigm: Season-3 National Webinar Series was organized for the students on March 3 & 4, 2022. Dr. Uma Ramakrishnan and Dr. G. Balasubramani were the guest speakers on the respective days. Around 100 students participated on both the days.

Master Class Cluster Series, an Inter Institutional collaborative program with the PGTD Department of Botany, RTM Nagpur University, Nagpur, Mohata Science College and DB Science College, Gondia was held on January 1, 2, 8, 9 and 15, 2022. The aim was to equip students with an in-depth knowledge and comprehension of various topics of the prescribed syllabus.

A Peer Group Interaction in virtual mode was organized for the PG students on October 3, 2021 in order to enable and provide a platform for peer learning and interaction between Semester 1 and Semester 3 students.

Institution Visit to Indian Council of Agricultural Research - Central Citrus Research Institute (ICAR-CCRI), Nagpur was organized for the students on November 27, 2021.

Achievements of the Department

Prizes Won : The Department of Botany, Hislop College, won 8 prizes which included **3 First Prizes, 3 Second Prizes and 2 Third Prizes** at the Nagpur Garden Club's 115th Annual Flower Show held on January 26, 2022.

Achievements of the Staff

Invitations : Dr. Mousumi Bhowal was invited as the Judge for 115th Annual Flower Show organized by Nagpur Garden Club on January 26, 2022.

Chairing a Session : Dr. Mousumi Bhowal chaired the session in a National Conference on, April 8, 2022

Resource Person : Dr. Mousumi Bhowal was invited as a resource person on April 12, 2022 by Kamala Nehru Mahavidyalaya.

Publications : Dr. Mayank Varun- 1 Text Book & 2 Chapters in 2 Text Books; Ms. Parama Majumdar- 2 Chapters in a Book.

Presentations : Dr. Mayank Varun- 2 Papers in a Conference.



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Achievements of Students

Mr. Aditya Ankari cleared SET September, 2021

Ms. Tuli Kundu secured 1st Prize in Inter-University Level PowerPoint Presentation Competition held by Dept. of Botany, Mohota Science College, Nagpur

Ms. Alisha Khan secured 2nd Consolation Prize in Maharashtra State Level Online Quiz Competition held by Bhalerao Science College Saoner, District Nagpur.

DEPARTMENT OF CHEMISTRY

Dr Ira Nimdeokar Memorial lecture was organized on September 5, 2021. Guest speaker Dr. Sanjay Danao of Green Tech., Pune delivered the lecture on various environmental issues and remediation.

Induction Programme for B. Sc. first year students was organized.

Achievements of Staff

Invitation as Resource Persons and Experts : Dr. Pratik E. P. Michael, Dr. Mayur V. Khdekar, Dr. Shoeb R. Khan Invited as Expert in India International Science Festival 2021 at Panjim, Goa from December 10 to 13, 2021

Presentations : Dr. Mayur V. Khdekar 1 in an International Conference; Dr. Shoeb R. Khan-1 in an International Conference; Dr. Shubhajit Halder - 1 in International and 2 in National Conferences; Dr. Shibin Chacko- 2 in International Conferences;

Publications : Dr. Pratik Michael- I in a National level journal; Dr. Shubhaji Haldar: in 2 International level and 1 National level journals; Dr. Shibin Chacko in an International level journal.

Patents : Dr. Shubhajit Haldar has been granted 4 National Level Patents.

Research Grant : Dr. Shibin Chacko (PI) and Dr. Anija Mol T Philip (Co-I) have been granted Rs. 1 lakh by RGSTC-RTMNU for their research project titled “ “New therapeutic strategy for eradicating bacterial infections”

Awards : Dr. Shibin Chacko got the Best Oral Presentation Awards in 2 International E-Conferences.

Achievements of Students

Competitive Examinations : Aanshee Shambharka and Shrushti Bhimrao Khibragade cleared the JAM 2022 entrance examination. Sanket Deshpande. Vaishnavi Gomase, Shumaila Sheikh, Avanti Talmale, Anupama Rai cleared their GATE examination.

Student Progression : Aanshee Shambharkar has been selected for M.Sc. Chemistry in IISC, Bangalore.

DEPARTMENT OF COMMERCE

An **Awareness Programme on Consumer Rights** - “Shop Online and don’t get hurt...know your consumer rights” was organized on October 5, 2021 in collaboration with HREO and WSDC of the college. The resource person was Dr. Hema Menon, Professor and IQAC Coordinator, at Ambedkar College Nagpur.

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Motivational Wednesdays – 4 Motivational Lecture Series were held on the following days- Dream High by Dr. Shiny Chib on October 20, 2021; Fuel Your Passion by Dr. Deepak Kulkarni on October 27, 2021; Soar High & Achieve Your Dreams by Mr. Vijay Naidu on March 30, 2022; Mind Management by Dr. Ravi Khangai on April 6, 2022.

AIDS Awareness Programme was conducted in collaboration with NSS on December 6, 2021. The guest speakers were Dr. Aarti Patil and Dr. Ashwini Tayde.

National Level Advertisement Making Competition “Ad-Hub” & Workshop on “Unleash the Power of Advertising!” was organized in collaboration with The Athenaeum and with Shells Advertising Inc. on October 26, 2021.

Know your Economy- An Awareness Kindling Test (SRAEF, Chennai) was conducted in collaboration with the Department of Economics of the college on February 8, 2022.

The Quiz Competition “Buzzer King” was organized in two rounds with the first round of elimination on April 5, 2022 and the final round on April 12, 2022.

Achievements of Staff

Presentations : 04 papers in National and 04 papers presented in International conferences.

Publications : 13 Papers in International Journals; 4 Chapters in Edited Books; 1 Book Co-authored.

Achievements of students:

Merit in University Exams : Aishwarya Singh and Sonal Narnaware stood 4th; Aarushi Sharma-5th in the RTMNU M.Com. Summer 2021 Examination

Winners in Extra-Curricular Activities : Nigel Furtado, Ekta Malik, and Disha Uttamchandani won 2nd Prize in Intercollegiate Quiz Competition organized by DRB Sindhu Mahavidyalaya, Nagpur; Ekta Malik won the 1st prize in a Presentation Competition organized by Rizvi College of Arts, Science and Commerce College, Mumbai; Shivangee Gupta won a consolation prize each in a Paper Presentation and Debate Competition organized by G.S. College, Nagpur; Sonu Waghela won the 1st Prize in the KYE Awareness Kindling Test.

DEPARTMENT OF COMPUTER SCIENCE

Certificate Course in ‘Bio-Python Programming: Using Machine Learning Algorithms’ was organized in collaboration with the Department of Zoology from October 16, 2021 to October 30, 2021.

Seminar on ‘A Root of Programming Language: Data Structures’ was organized on March 26, 2022. Dr. S. B. Kishore, Chairman BOS Gondwana University, and Head Department of Computer Science, Sardar Patel Mahavidyalaya, Chandrapur were the resource persons.

‘Talent Development Program’ was jointly organized in collaboration with Dharampeth M. P. Deo Memorial Science College, Shivaji Science College, SFS College and P.G.T.D. Dept. of Electronics & Computer Science, RTMNU, Nagpur.

Webinar on ‘The Essence of Cloud Technology & Information Security and Opportunities for Graduates’ was organized in association with the Department of Robotics & Cloud Technology, RTMNU.

Webinar on ‘Statistics-The Core of Machine Learning’ was organized in collaboration with the Department of Statistics and Nsemble.ai, a Swedish-India startup for the students of Computer Science and Statistics on October 7, 2021 in an online mode.



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Seminar on “Need, Importance and Role of Cyber Security in People's Lives” was organized on March 26, 2022. Partheshsingh Gour and Mr. Srikanth Appala of Security4Sure, Nagpur were the resource persons.

Certificate Course in ‘Digital Literacy’ was organized in association with Trinayan Mahila Sanghathan, Nagpur from May 18 to 27, 2022.

Two-Day Inter Disciplinary National Conference on ‘Recent Trends in Mathematical Modeling, Simulation Methods, Computations, and Physical Sciences’ (MMSCP 2021) was organized in collaboration with the Departments of Mathematics and Physics & Electronics on September 8 & 9, 2021.

One Day Webinar on ‘Recent Trends in Computational Modelling and Physical Sciences’ (TCMPS – 2021) was organized on September 1, 2021 in honour of the 85th Birth Anniversary of Dr. Saroj Ghose, the Father of the Science Centre Movement in India.

Achievements of the Staff

Publications : Dr. Mamta Baheti : 1 textbook; Mrs. Rupa Rajkumari: 1 paper in peer reviewed journal

Presentations : Dr. Mamta Baheti- 1 presentation in a National Conference

Research Project : Dr. Mamta Baheti’s Minor Research Project, “Contribution of Vedic Schools to improve emotional intelligence through Vedic chanting (With Special reference to Nagpur District Vidarbha Region in Maharashtra)” was sanctioned and funded by Indian Council of Social Science Research, Ministry of Education.

Resource Person : Dr. Mamta Baheti was invited as a Resource Person in a National One week Faculty Development Program on “ICT Tools for Effective Teaching and Learning” organized by Kamla Nehru Mahavidyalaya, Nagpur.

Dr. Mamta Baheti was invited as a resource person in 2 Certificate Courses.

Dr. Mamta Baheti was invited as a resource person in a webinar organized by IQAC Kamla Nehru College of Pharmacy, Butibori

Awards : Dr. Mamta Baheti was conferred the **Amazing Indian Personality Award** by National Conclave 2021.

Dr. Mamta Baheti was given the **Bharat Jyoti Shikshanratna Narigaurav Puraskar 2022** by Manushya Bal Vikas Lokseva Academy, Mumbai

DEPARTMENT OF ECONOMICS

Guest lecture on “The place of Economics in Social Science” was organized on November 17, 2021. Dr. Shrinivas Khandewale, an eminent economist and social activist, was the guest speaker.

Guest lecture on “Sustainable Development is Core Principle for Rural Development: Past, Present and Future” was organized on April 2, 2022. The Guest Speaker was Dr. Shilsagar Chahande, Account Officer, Department of Soil and Water Conservation, Nagpur.

Know your Economy Test (SRAEF, Chennai) was organized on February 8, 2022.

Achievements of the Staff

Publications : Mr. C. P. Farkade: - 01 Research paper in a peer reviewed International Journal

DEPARTMENTAL REPORTS



DEPARTMENT OF ENGLISH

Content Writing Workshop was conducted by Ms. Soumali Nanda. Soumali, an avid blogger and content creator.

Guest Lecture on ‘How Art and Literature Influence each other’ was organized on April 6, 2021. Mrs. Madhavi Naidu, a professional painter, artist and an avid reader was the guest speaker.

International Conference on Emerging Trends in Literature and Language was organized in collaboration with J. M. Patel Arts, Commerce and Science College, Bhandara and Smt. Binzani Mahila Mahavidyalaya on October 4 & 5, 2021.

Shakespeare Certificate Course was conducted in collaboration with the Shakespeare Society of Central India, Santaji Mahavidyalaya, Nagpur, Rajkumar Kewalramani Kanya Mahavidyalaya, Nagpur and J. M. Patel Arts, Commerce and Science College, Bhandara, from April 20 to 27, 2022.

Achievements of the Staff:

Publications : Dr Veena Joseph - 4 papers in International Journals; Dr. Prantik Banerjee - 3 papers in International Journals and 2 in National; Dr Supantha Bhattacharyya - 1 paper in a National Journal; Dr. Malati Panga - 1 paper in a National Journal; Dr. Pooja Swamy- 2 papers in National Journals.

Dr. Prantik Banerjee authored an Anthology of Short Stories, The Keeper of the Dead & Other Short Stories.

Dr. Veena Joseph authored the book Metacognitive Approaches to English Language Acquisition.

PhD awarded : Dr. Shirin Badar was awarded PhD this year by RTM Nagpur University

Keynote Speaker/Resource Person :

Dr. Prantik Banerjee was the Plenary Speaker at ICSSR Sponsored National Conference on NEP, Aloysius College, Jabalpur 30-31 July, 2021.

Dr. Prantik Banerjee was the Resource person at UGC-HRD Refresher Course, Kumaon University, Nainital, 27 Aug, 2021

Dr. Prantik Banerjee was the Plenary Speaker at International Web Conference on “Science and Humanities: A Critical Discourse”, SFS College, Nagpur. .

Dr. Prantik Banerjee was the Guest Speaker at Royal Bhutan University

Dr. Prantik Banerjee was the Guest Speaker at PGCCG-II, Chandigarh, Web Series on ‘Critical Perspectives on Emerging Literary and Cultural Studies’

Dr. Prantik Banerjee was the Resource Person at National Level FDP organized by ELTAI, Chennai.

Dr. Prantik Banerjee delivered a web lecture for ELTAI Central India Chapter on “Is Something Burning: Oil, Literature and Hydrocarbon Culture”.

Dr. Prantik Banerjee was the Keynote Speaker at International online Conference on “Theory and Discursive Practices”, Bharat Mata College, Kochi, Kerala.

Dr. Prantik Banerjee was the Moderator and Chairperson at 15th International Conference organized by ELTAI, India.



DEPARTMENTAL REPORTS

Dr. Prantik Banerjee was the Speaker at National Level FDP, Muktanand College, Aurangabad.

Dr. Prantik Banerjee was the Resource person at UGC-HRD online Mangalayatan University, Jabalpur.

Dr. Prantik Banerjee was the Keynote Speaker at ICSSR sponsored two-day National Webinar, VNGIAS, Nagpur, April 22, 2022.

Awards : Dr. Prantik Banerjee's An anthology of short stories, The Keeper of the Dead & Other Short Stories, won the **CLR International Fiction Award, 2021.**

Achievements of Students

University Merits : Padmaja Pathak stood 1st; Aishwarya Menon, Gayatri Chorghade and Lalit Kane- 3rd ; Payal Raina - 4th and Yogesh Gahlawat- 5th in order of merit in M.A. English, RTMNU Summer 2021 Examination.

DEPARTMENT OF HINDI

Online Competitions were organized on the occasion of Hindi Diwas Pakhwada.

Online Quizzes on Hindi Sahitya were organized at the National level.

DEPARTMENT OF HISTORY

A Guest Lecture on Gender Equity: Equality knows no Gender was organized in collaboration with WSDC on October 21, 2021. Dr. Reeta Dhandekar, Head of Department of Political Science, Sevadal Mahila Mahavidyalaya, Nagpur was the guest speaker for the event.

Chhatrapati Shivaji Maharaj Jayanti was celebrated in collaboration with the NSS Unit. Dr. Parish Bhagat, Former Head, Department of Economics was the Chief Guest and Dr. Ravi Khangai, Assistant Professor, PGDT of History, RTM Nagpur University was the Guest Speaker.

A Power-point Presentation Competition on any one historical character from prescribed syllabus of B. A. (History of Modern World-1789-1960) was organized on February 28, 2022.

Achievements of Staff

Publications :

Dr. (Mrs.) Anjali Andrew : 07 papers in Peer Reviewed International Journal and 03 in Peer Reviewed National Journal; Dr. (Mrs.) Abhilasha Raut : 02 papers in Peer Reviewed National Journal and 01 chapter in edited book

LEARNING RESOURCE CENTRE

"Books Donation Drive Program" was conducted for the session 2021-22. Total eighty one gift books were received by the Library.

Achievements of Staff

Publications : Mrs. Naina S. Peters (Librarian) - One paper published in International Peer reviewed & Indexed Journal.

Presentation : One paper presented in International Conference.

DEPARTMENTAL REPORTS



DEPARTMENT OF MARATHI

Marathi Abhyas Mandal was installed. Prof. Dr. Pramod Munghate was the Chief Guest in the inaugural function.

Video screening of the play ‘Natsamrat’ followed by a discussion session was held for the students.

Visit to the anthropology museum in collaboration with NSS was held for the students to help them gain insight into folk literature and culture.

Guest lecture on “Poetry of Kusumagraj” was organized and Prof. Dr. Sudhir More, Associate Professor, Dept. of Marathi, Morris College, was the guest speaker.

Marathi RajBhasha Din was celebrated on February 27, 2021.

DEPARTMENT OF MATHEMATICS

A Two Days Inter-Disciplinary National Conference on “Recent Trends in Mathematical Modeling, Simulation Methods, Computations, and Physical Sciences (MMSCP-2021)” was organized in collaboration with the Department of Computer Science and Department of Physics & Electronics from September 8 to September 9, 2021.

Inauguration of M.Sc. Mathematics Course and the renovated Department of Mathematics took place at the hands of Dr. Prashant Shelke, Principal, Hislop College, Nagpur on 15 September, 2021.

National Mathematics Day celebrated to commemorate the birth anniversary of Indian mathematical genius, Sir Srinivasa Ramanujan on December 22, 2021. Online Speech Competition was organized on the occasion. 140 students attended the programme.

“Two-Day Mathematics Teachers’ Upgradation Program: The International Approach” was organized on March 9, 2022 in collaboration with Department of Mathematics, RTM Nagpur University, Nagpur and Department of Mathematics, VMV Commerce, Arts & JJP Science College, Nagpur. The Guest Speaker was an eminent International Mathematician, Dr. Aneshkumar Maharaj, Professor, Department of Mathematics, University of KwaZulu-Natal, South Africa.

Pi-Day was celebrated on March 14, 2022 with the students of B.Sc. Semester IV and VI. They were also shown a video on “Why do we celebrate Pi-Day?”. Around 60 students from each semester were present.

Achievements of the Staff

Publications :

Dr. Rishi Agrawal authored and edited 2 textbooks of Mathematics

Dr. Rishi Agrawal - 3 papers in international peer reviewed journals and 1 paper indexed in Web of Science.

Mrs. Sudha Rani Dehri - 2 papers in international peer reviewed journals

Resource Person :

Dr. Rishi Agrawal was invited as a resource person in 4 Webinars, 1 workshop and 2 competitions. Mrs. Sudha Rani Dehri was also invited as a resource person for a guest lecture.



DEPARTMENTAL REPORTS

Appointment :

Dr. Rishi Agrawal was appointed as subject expert for selection committees and LECs of RTNMU, Nagpur University. He was also appointed as a paper setter and evaluator for CGPSC.

Award : Dr. Rishi Agrawal was given the **Global Shiksha Ratna Award** by Radio Meri Aawaz and Vishv Hindi Sachivalaya, Moka, Mauritius in association with Hindi Academy, Govt. of Delhi on International Teachers Day October 5, 2021

DEPARTMENT OF PHILOSOPHY

Online Debate Competition on the topic “Indian Media is Losing the Trust of the Public” was organized in collaboration with The Athenaeum, on October 16, 2021 on the occasion of Mahatma Gandhi’s 152nd Birth Anniversary.

Guest Lecture on “The Relevance of Philosophy Today” was organized on November 26, 2021, on the occasion of World Philosophy Day. The guest speaker was Dr. Bhima Kumar, Associate Professor, Department of Philosophy, University of Allahabad.

Essay writing competition on the topic “Role of Philosophy in Solving Ethical Dilemma” and “Philosophy as a Guide to Good Life” was organized for the students.

Video making competition called ‘Philosophy Masters’ was also organized as an extension of World Philosophy Day celebrations.

DEPARTMENT OF PHYSICS AND ELECTRONICS

The **Post Graduate Course in Physics (M.Sc.)** started in this academic session 2021-2022.

One day National webinar on “Recent trends in computational modeling in Physical Sciences” was organized in collaboration with the Department of Computer Science on September 1, 2021. A PowerPoint presentation-competition was held for the participants.

Two-day Interdisciplinary National Conference on “Recent Trends in Mathematical Modeling, Simulation Methods Computations and Physical Sciences” was jointly organized with the Department of Mathematics and Department of Computer Science on September 8 and 9, 2021.

Certificate course on “30 Hour Online C-Programming for Numerical Methods” for M.Sc. (Physics) students was conducted between December 1 and December 11, 2021.

Certificate course in “30 hr C-Programming” for B.Sc. Sem-VI (Electronics) students was held from March 2 to March 12, 2022.

Achievements of Staff

The staff published their research papers in various journals during this academic session.

Achievements of Students

Prizes Won : Om Pramod Deulkar, B.Sc. Semester I won 3rd Prize in Physics Seminar Competition on the topic “Kepler’s Laws of Planetary Motion” conducted by Vidarbha University Teachers Association (VUPTA) at Vidya Vikas Mahavidyalaya Samudrapur

DEPARTMENTAL REPORTS



DEPARTMENT OF POLITICAL SCIENCE

The Department won the first prize for the third time consecutively in All-India level Mock Parliament Competition called "Abhirup Yuva Sansad", organized by Yuvak Biradari, a Mumbai based non-profit organization.

An **Intercollegiate Essay Competition and a Guest Lecture** were organized in collaboration with the NSS Cell to celebrate National Voters' Day on January 22, 2022.

Achievements of Staff

Publications : Dr. Anjali Gaidhane - 11 papers published in peer reviewed International Journals; Dr. Alpana Vaidya - 3 papers published in peer reviewed National Journals.

Achievements of Students:

The following students were part of the Best Parliamentary Team which won the All-India level Mock Parliament Competition with a cash prize of Rs. 10,000/ : Anushka Nag, Shital Khadse, Arwa Burhanpurwala, Leepakshi Gadpayle, Amol Sawarkar, Ashish Chandekar, Dhruv Sharma, Anjali Varma, Mayuresh Vichoray, Sahil Bawane, Utkarsha Dhongade, Rashi Suham, Pranjali Meshram, Nirmitt Landge, Apurva Hadke, Lokesh Marghade, Vaishnavi Kapde, Prajakta Thakre, Snehal Godhichor and Hussain Khan.

Leepakshi Gadpayle and Dhruv Sharma of the department were part of the six best parliamentarians who were nominated for the opportunity of showcasing their talent in the Mumbai Legislative Assembly. Leepakshi Gadpayle was voted the best parliamentarian and received a cash prize of Rs. 2,500/- and a chance to represent Hislop College at Mumbai.

Shrutika Bokade bagged the first prize, Vishruti Dukare secured second, while Kiran Gadpayle and Divyansh Puram secured third position in an intercollegiate essay competition.

DEPARTMENT OF PSYCHOLOGY

Panel discussion on "Time to Think about Psychology" by the alumni of the Department was held on July 22, 2021

World Mental Health Day was celebrated on October 10, 2021.

Value-added course on Ethics in Research writing was conducted on December 2, 2021

Workshop on Research Methodology and Statistics was conducted from December 8, 2021 to January 8, 2022.

National Intercollegiate Event cum Competition "Psycho-Galaxy" with the theme Inside-Out was organized on March 11, 2022

Session on Happiness and Psychological Well-being was held on April 7, 2022.

Achievements of Staff

Presentations : Dr. Sonal Paliwal presented a paper at an International Conference



DEPARTMENTAL REPORTS

Achievements of Students

Merit in University Exams : Tapasya Wasnik 2nd Merit in M.A Psychology

Prizes : Deep Chandwani, Avantika Nitnaware, Khushi Nashine bagged the first prize in Psycho-galaxy, national level event.

DEPARTMENT OF SANSKRIT

Sanskrit Translation Competition was organized on the occasion of World Sanskrit Day.

Online Sanskrit Lecture Series was organized to celebrate Sanskrit Saptaah from September 20 to September 25, 2021.

Achievements of the staff

Minor Research Project Sanctioned : Minor Research Project of Dr. Priya Pendharkar was sanctioned by ICSSR on the topic- “Contribution of Vedic Schools to Improve Emotional Intelligence.”

DEPARTMENT OF SOCIOLOGY

Webinar on “Conscience, Communities and Constitution” was organized on November 13, 2021 . The guest speaker was Dr. Raju Sakthivel.

Webinar on “Understanding Global Sisterhood” was organized on the occasion of International Day for the Elimination of Violence against Women on November 24, 2021. The guest speaker was Dr. Dhamma Sangini.

Webinar on Minority Rights and Indian Constitutions was organized on the occasion of Human Rights Day on December 24, 2021. The guest speaker for this webinar was Rev. Dr. Abraham Mathew, Executive secretary, NCCI, New Delhi.

Guest Lecture on SPSS Techniques in Data Analysis was conducted on February 12, 2022. .

Workshop on Quantitative methods in Social Research was conducted on February 16, 2022. The Resource person was Dr. Sachin K. Burde, Department of Sociology, S.F.S College, Nagpur.

Guest lecture on “Contemporary Trends in Sociological Research” and Felicitation Programme of Office Bearers Marathi Samajshastra Parishad was conducted on February 16, 2022. The Resource person for this guest lecture was Dr. Pradeep Meshram, Department of Sociology J.M Patel College, Bhandara.

DEPARTMENT OF STATISTICS

Online ‘Peer Interaction’ programme on ‘How to make smart career choices?’ with IIT pass-out Alumnus was organized on July 18, 2021 for sem-4 and sem-6 students.

Mr. Atal Singh, who completed his post graduation in Statistics from IIT Kanpur and now working as Grade B officer in RBI, Mumbai spoke on ‘How to prepare for Corporate and Government jobs with Statistics as one of the subjects at graduation?’

DEPARTMENTAL REPORTS



Second speaker, Mr. Shiv Kumar, who completed his M.Sc. in Statistics from IIT Kanpur and is now pursuing research in Statistics from IIT Mumbai shared his research experience in Statistics and guided them about the opportunities associated with research in Statistics.

Third speaker, Mr. Rushabh Bhojar, an alumnus of the Department of Statistics, who did M. Sc. in Statistics from IIT Kanpur and is now working at Chegg India spoke on the topic “Guidance on building Assets and not Liabilities”.

Webinar on ‘Statistics-The Core of Machine Learning’ was conducted in collaboration with the Department of Computer Science and Nsemble.ai, a Swedish-India startup on October 7, 2021, for the students of Statistics and Computer Science. Mr. Mayur Mahurkar, Data Scientist, Nsemble.ai and Ms. Madhumita Roy, Data Analyst, Harmonize, California, USA were the resource persons.

Two-day National level Online Workshop-‘Statistica-2021’ was conducted on October 26 & 27, 2021 on Microsoft teams. This two-day national workshop was the celebration of the 25th year of the annual programme ‘Statistica’ organized consistently by the Department for the students of Statistics since its introduction in 1996. Around 396 students of Statistics from all over India participated in the workshop ‘Statistica-2021’.

The keynote address of the workshop was delivered by the Guest speaker, Dr. Srinivas Bhogle, an Honorary Scientist at CSIR, Fourth Paradigm Institute in India on-‘Argumentum: How to infer data’.

The inaugural session was followed by an online clue based competition ‘Stat Maze’ for student audiences organized by the host team.

An eminent Statistician, Dr. Anil Gore, former Head and Professor of Statistics, Pune University and Statistical consultant delivered his talk on ‘Statistics and Diet for Diabetes’.

In the ‘My Story’ session of the conference, Guest Speaker, Mr. Samadhan Ghubade, Senior Statistician, ICON plc shared his success story from a Statistics student to Senior Statistician.

Second day’s speaker, Dr. Shrinivas Bhogle talked on ‘Statistics and Cricket’.

In the second session the host Hislop team of students conducted the ‘Practistic competition- Looking at a situation with Statistician’s eye’ for the student audience.

In the post lunch session, Dr. Shashibhushan Mahadik, Professor of Statistics, Department of Statistics, Shivaji University delivered a talk on ‘A Story of Peacock counting in Shivaji University Campus’ Dr. Mahadik narrated his real life experience in the case study of Peacock-counting at Shivaji University.

In the post lunch break, ‘Think and Ink’-a clue based competition was organized by the host Hislop team for the student audience. This innovative competition was followed by the fourth national level problem solving student competition namely, ‘Stat-Star’.

Prizes were distributed to the winners at the hands of Dr. Vrinda Joglekar, former Head, Department of Statistics in the valedictory function of Statistica.



DEPARTMENTAL REPORTS

National Statistics Day was celebrated on June 29, 2022. A wonderful skit on 'Life and Work' by Dr. P. C. Mahalanobis' was presented by students of B. Sc. Sem-2 students. Then, B. Sc. Sem-6 students organized 4 rounds of statistical activities for Sem-II students by dividing them in 4 groups A, B, C and D.

Staff achievements:

Publications:

Dr. Jyoti Shiwalkar co-authored a national level book 'Do it Yourself-An activity book for students of Statistics'.

Dr. Jyoti Shiwalkar published one paper in a peer reviewed National level Journal.

Resource Person & Guest Speaker :

Dr. Jyoti Shiwalkar delivered a talk on 'Significance of Public Cooperation in Government Surveys' at the Zonal office NSSO on March 3, 2022.

Dr. Jyoti Shiwalkar delivered a talk on 'Understanding Statistics in an Experiential Way' in a webinar for UG and PG students of Statistics on March 17, 2022 organized by Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Chennai

Achievements of Students:

Prizes :

Mr. Arun Sahu, student of B. Sc. Semester-I, Department of Statistics, Hislop College, Nagpur bagged second prize in Stat-Star National level problem solving competition in the workshop Statistica 2021 and received a cash prize of Rs. 1000/- & a certificate.

Ms. Gauri Tammiwar of B. Sc. Semester III bagged a Silver medal in Rifle shooting in the Air Wing State level camp held at Savner

DEPARTMENT OF ZOOLOGY

E-Conference on "Recent Trends in Zoology" was organized in collaboration with P. G. T. D. of Zoology, RTM Nagpur University, Nagpur, and Elphinstone College, Mumbai, K. Z. S. Science College, Bramhani-Kalmeshwar and D. R. B. Sindhu Mahavidyalaya, Nagpur on October 28 & 29, 2021.

The Chief Guests during the inaugural ceremony were Dr. D. B. Tembhare, Professor and the Ex-Head of the Zoology Department of RTMNU Nagpur, and Dr. Prashant Maheshwari, Dean of the Faculty of Science and Technology. The keynote address for the first session was by Dr. Subeer S. Mujumdar (Ex-Director of National Institute of Animal Biotechnology, Hyderabad).

Dr. K. A. Subramanian (Scientist-D & Officer –in-Charge South Regional Centre Zoological Survey of India Chennai), delivered the address on the second day.

Dr. V. G. Meshram (Head, Biochemistry Dept. RTMNU, Nagpur), Prof. D. D. Barsagade (Head of Dept. Zoology, RTMNU Nagpur and Convener) and Dr. R. J. Andrew (Director, Centre for Higher Learning and Research in Zoology, Hislop College, Nagpur and Organizing secretary) addressed the participants in the Valedictory ceremony.

DEPARTMENTAL REPORTS



10-Day Training Program in Beekeeping was conducted in association with Khadi Village Industries Board, from December 9 to 18, 2021 for farmers, students and beekeepers.

7 day Beekeeping Training Programme was organized from February 28 to March 6, 2022 in collaboration with the National Dairy Development Board at Krishi Vigyan Kendra, Dudhardi, Nagpur. Dr. Ashish Kumar Jha, Dr. Shikin Kolhe, Mr S. V. Gudhe, Ms. Jagruti Roy and Ms. Mamta Bhadade were the resource persons for the theory and practical sessions.

Certificate Course in Biopython was conducted in collaboration with the Department of Computer Science from October 16 to October 30, 2021.

A Series of Guest Lectures was organized in collaboration with the Environment Cell to celebrate the **World Bee Day** on May 20, 2022.

Achievements of Staff:

Presentations : Dr. Ashish Kumar Jha presented five papers in International Conference and three in National Conference.

Ms. Jagruti Roy presented two papers in the International Conference and one in the National Conference.

Publications : Dr. Ashish Kumar Jha published 3 papers in International Journals.

Dr. Payal Verma published 4 papers in International Journals.

DEPARTMENT OF PHYSICAL EDUCATION

Achievements of 2021-22

1. Silver Medal in Foil Event in RTMNU Inter College Fencing Tournament 2021-22
2. Silver medal in Shot Put event in RTMNU Inter College Athletics Meet 2021-22
3. Bronze Medal in Javelin Event in RTMNU Inter College Athletics Meet 2021-22
4. Winner of DNC Krida Mahotsav Cricket Boys
5. 4 Silver Medals in RTMNU Inter College Powerlifting Boys
6. 1 Silver Medal in RTMNU Inter College Karate Boys
7. 2 Silver Medals in RTMNU Inter College Karate Girls

Events Organized in 2021-22

1. Organized National Sports Day on 29th August 2021.
2. Organized workshop on Self defense and Fitness on 30th November 2021.
3. Organized 75 Crore Suryanamaskar Movement event on 5th February 2022



DEPARTMENTAL REPORTS

Roll of Honour Senior College

Sr. No.	Name	Class	Game
1	Ritka Thaker	BA III	International Badminton & Participated in Uber Cup
2	Aarushi Singh	B COM I	All India University Fencing & Silver Medal Fencing Foil event
3	Sanika Hajare	BA I	All India University Karate
4	Chandni Chaudhary	MA I	All India University Karate
5	Kartik Gupta	BBA I	All India University Karate
6	Aabid Sheikh	BA III	All India University Sepak Takraw
7	Kunal Shingne	BA II	All India University Sepak Takraw
8	Chetna Rongola	BA II	All India University Sepak Takraw & Bronze Medal in Sepak Takraw State
9	Swapnil Nagrare	MA I	All India University Sepak Takraw & Gold Medal in Sepak Takraw State
10	Astha Baghel	B Sc II	All India University Shooting
11	Sejal Ojha	B Sc III	All India University Taekwondo
12	Nabeel Khan	BBA III	West Zone Inter University Badminton
13	Animesh Ghate	B COM II	West Zone Inter University Badminton
14	Makrand Nimbalkar	B COM III	West Zone Inter University Badminton
15	Harshal Marotkar	B Sc II	West Zone Inter University Basketball
16	Rajat Joshi	BA II	West Zone Inter University Basketball
17	Veronica Anthony	B COM II	West Zone Inter University Football
18	Sweety Singh	BCCA II	West Zone Inter University Football
19	Mayuri Marathe	BA II	West Zone Inter University Football
20	Baadal Soren	BA II	West Zone Inter University Football
21	Shobhit Harde	MCM I	West Zone Inter University Football
22	Aditya Chandane	BA II	West Zone Inter University Football
23	Mohd Juniad Ikram Ahmad	BCCA III	West Zone Inter University Football

DEPARTMENTAL REPORTS



24	Kaustabh Baradhiya	B Com II	West Zone Inter University Hockey
25	Bharath Naidu	MA I	DNC Krida Mahotsav Cricket Champion
26	Adhyanyan Daga	MA I	DNC Krida Mahotsav Cricket Champion
27	Kartik Pawar	BBA III	DNC Krida Mahotsav Cricket Champion
28	Chakresh Khurana	B Com III	DNC Krida Mahotsav Cricket Champion
29	Anurag Shirke	BA III	DNC Krida Mahotsav Cricket Champion
30	Tulsi Khobragade	BA III	DNC Krida Mahotsav Cricket Champion
31	Snehadeep Wankhede	BA II	DNC Krida Mahotsav Cricket Champion
32	Richard Francis	BA I	DNC Krida Mahotsav Cricket Champion
33	Kabir Kausen	B COM III	DNC Krida Mahotsav Cricket Champion
34	Govind Pandey	B Com I	DNC Krida Mahotsav Cricket Champion
35	Dev Kumar Gawai	B Com III	DNC Krida Mahotsav Cricket Champion
36	Bhavesh Bharade	B Sc I	DNC Krida Mahotsav Cricket Champion
37	Elezar Medhavi	B Sc I	DNC Krida Mahotsav Cricket Champion
38	Mohit Sarkar	B A I	DNC Krida Mahotsav Cricket Champion
39	Sarthak Lakakwar	B Sc I	DNC Krida Mahotsav Cricket Champion
40	Rohit Khandelwal	B Sc I	DNC Krida Mahotsav Cricket Champion
41	Atharva Khot	B SC I	DNC Krida Mahotsav Cricket Champion
42	Pradyumn Zade	B Sc III	Silver Medal Athletics Shot put
43	Vipul Raj	B Com I	Silver Medal Powerlifting weight
44	Akshat Rao	BBA III	Silver Medal Powerlifting weight
45	Eshan Sharma		Silver Medal Powerlifting weight
46	Jerome Arland		Silver Medal Powerlifting weight
47	Mohd. Azharuddin	BCCA III	Bronze Medal Athletics Javelin Throw

STAFF ACHEIVEMENT

- **Dr. Amit Kanwar**
Represented as Technical Official at 31st Senior Sepak Takraw Nationals held at Lovely Punjab University, Ludhiana from 21st to 25th November 2021
- Participated as Coach of Nagpur District Sepak Takraw Team which won the Gold Medal in Maharashtra State Senior Sepak Takraw Championship from
- Appointed as Competition Director for Maharashtra State Olympic Games 2022



DEPARTMENTAL REPORTS

DEPARTMENT OF COMMERCE, MANAGEMENT AND COMPUTER

A **Webinar on “Risk in business” Management with Reference to Uncertainties** was organized on September 24, 2021. The guest speaker was Mr. Vinay Chawla, the founder of ‘Enlighten your Soul’.

An **Online Power Point Competition** was organized on September 22, 2021 on the topic Importance of Professional and Moral Ethics.

A **Webinar on Grammar : The key to Effective Communication** was organized on October 28, 2021. The Resource person was Mr. Hitesh Dewani, a TEDx Speaker and founder – Director of HR mentors, Career Mentor, Overseas Mentor

A **Webinar on Diversified Job Opportunities for Graduates** was organized on November 17, 2021. The resource person was Mr. Akash Jaiswal, a Trainer at Career Launcher.

A **Webinar on How to crack company aptitude** was organized on February 9, 2022. The Resource person was Mr. Rishi Chourasia, Founder and Director of Vikalp Education, Mumbai.

A **Workshop on Research methodology & Project Report Preparation** was organized on March 21, 2022. The resource person was Mrs. Rajshri Channe.

A **Webinar on How to prepare for competitive exams** was organized on October 13, 2021. The resource person was Mr. Ramesh Shingade, Joint Director of Global Academy, Nagpur.

Achievements of Students

University Merits : Narmada Rajaram Pandey – 2 nd merit (PDCCA Sem - II); Rahul Rajesh Karmakar – 2nd merit (PDCCA Sem-II); Nikita Pramod Choudhary – 2 nd merit (MCM Sem - IV); Syed Zisha Ali Chirag – 5th merit (MCM Sem - IV); Jennifer Garfield Stacey - 6 th merit (MCM Sem - IV)

Extra-curricular Prizes : Vidhi Pandya – 2 nd prize (Global student Entrepreneurs Awards)

DEPARTMENTAL PROGRAMMES



MoU with CIIMS
Dept. of BioTechnology



Institution Visit to ICAR-CCRI, Nagpur
Dept. of Botany



Beekeeping Training Programme
Dept. of Zoology



Inauguration of Two-Day National E-Conference
Dept. of Zoology



Know Your Economy Test
Depts. of Economics and Commerce



'Buzzer King' Quiz Competition
Dept. of Commerce

DEPARTMENTAL PROGRAMMES



*Inauguration of the P.G. Course in Mathematics
Dept. of Mathematics*



*Session on Happiness
Dept. of Psychology*



*Two-Day International Conference
Dept. of English*



*Online Guest Lecture on 'Art and Literature'
Dept. of English*



*Guest Lecture on the occasion of Shivaji Jayanti
in collaboration with NSS - Dept. of History*



*Peer interaction with IITian alumni
Dept. of Statistics*