



From the Chief Editor

With the pride, I must state that, owing to the highly impactful documentation the college IQAC has resolved to propose the activity of publishing Newsletter as the Best Practice of the Institution in Fourth Cycle of assessment by NAAC.

The transformation of the Newsletter in to the Kaleidoscope and publishing it in online mode has also enriched the quality and quantity of the contents.

In view on the Pandemic situations, high work pressure of the SSR Preparation and time constrain, compelled editors to publish both the issues of the Volume VIII together.

Feeling very happy to present the Grand issue showcasing the spectrum of activities conducted in the entire session of the 2021

Dr. W. S. Barde

Contents

From the Chief Editor	1
Contents.....	1
3rd DEGREE DISTRIBUTION CEREMONY -2021	2
Workshops, Trainings & Academic Activities.....	3
Academics Merits in SGBAU Examinations: Summer-2020.....	43
Superannuation of Faculty & Staff. 43	

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The Third Degree-Certificates Distribution Ceremony for the students who passed out in the academic year 2019-20, was held on 6th Aug 2021 in the Sir C.V. Raman Auditorium of the College. Dr. Jaykiran Tidke, Former Pro-Vice-Chancellor, Sant Gadgebaba Amravati University was the chief guest of the function. Hon`ble Dilipbabu Ingole, Treasurer, Shri Shivaji Education Society, Amravati, presided over the function.

Sant Gadge Baba Amravati university, Amravati merit list UG and PG students felicitated by gold medals and degree certificates. The students from college felicitated by sponsored gold medals by dignitaries on the dais and HOD of the College.

Ceremony was inaugurated by Prof. J.A. Tidke, Ex-Pro-VC, Sant Gadge Baba Amravati university, Amravati, guest of honor Dr. V.G. Thakare, Ex-Principal, Shri Shivaji Science College, Amravati and event was presided over Hon. Shri Dilip B. Ingole, Treasurer, Shri Shivaji Education Society, Amravati. Introductory speech delivered by Prof. G.N. Chaudhari, acting Principal of the College. During the occasion 32 students felicitated by 42 gold medals and degree certificates distributed. remaining degree certificate were distributed by all HOD and senior teachers at respective rooms and time.

Approximately 300 students were received degree certificate during the event.

Cover story

3rd Degree Distribution Ceremony
of Under-graduates & Post-graduates- 6th Aug 2021



3rd DEGREE DISTRIBUTION CEREMONY -2021



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LIST OF AWARDEES - <http://www.shivajiscamt.org/pdf/awardee22.pdf>

Workshops, Trainings & Academic Activities

Department of Botany

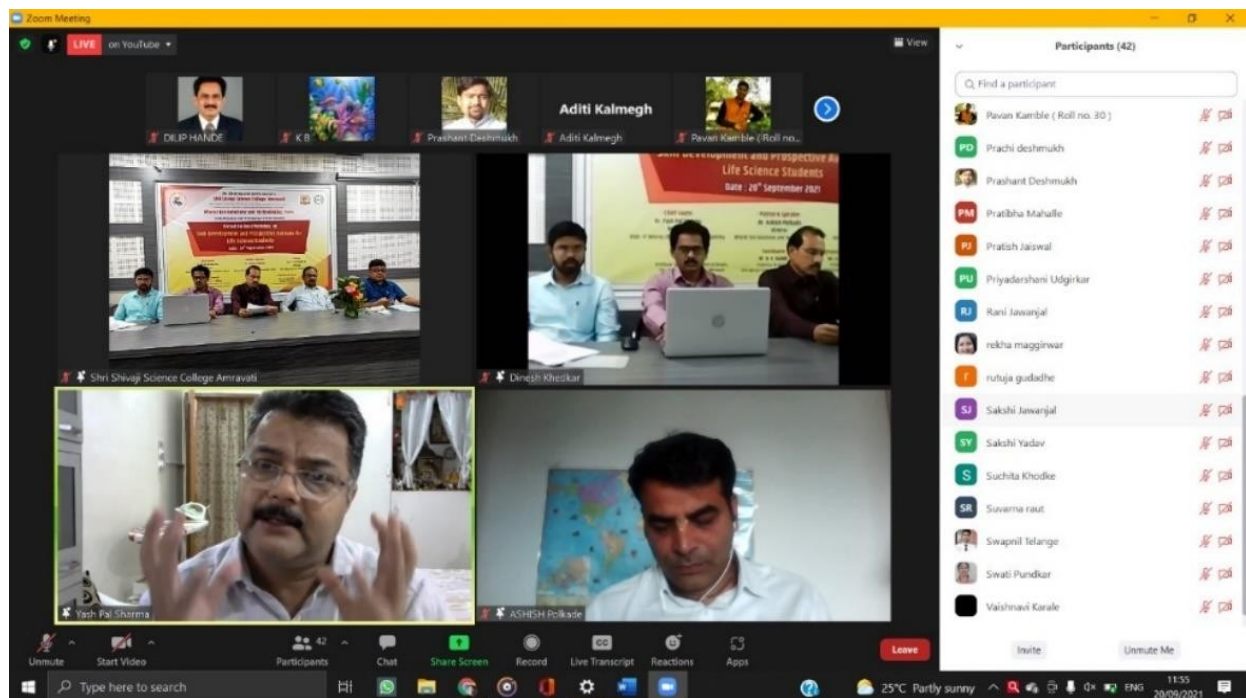
Virtual National Workshop on Skill Development and Prospective Avenues for Life Science Students – 20 September, 2021

This virtual one-day workshop was a joint venture of Shri Shivaji Science College, Amravati and Bharat Eco Solutions and Technologies, Pune on Solid waste Management and Entrepreneurship for building career in life Sciences. As the problems of waste are increasing day by day due to rapid urbanization and unplanned development in various sectors; which are directly or indirectly affecting human lives due to lack of proper awareness in solid waste management practices, it was required to conduct this workshop. Through this workshop, the participants understood segregation, processing and recycling of various waste materials.

All the students and participants realized the importance of self-evaluation, building strategies and constructing a plan to pursue the opportunities in the field of Life Science. Moreover, they learnt the required skills for enhancing entrepreneurship and building carrier opportunities in the field of life science in a systematic way.

Students and participants clearly perceived the drawbacks of the unmanaged waste materials. They also understand the bad effects of the unmanaged wastes like spreading of severe diseases. Through this workshop, all the participants got trained and skilled in the techniques of segregation, processing and recycling of various waste materials. With the proper guidance of resource persons, this could become possible. Ultimately, the workshop helped to encourage the student participants to pursue their career in Life Science.

Thus, this workshop proved to be very beneficial for all the participants in many ways. It can be clearly understood by the huge response of the students to this workshop. About 273 students got registered and benefitted by this workshop. All the participants had accorded with the certificates as they get skilled with the techniques of segregation, processing and recycling of various waste materials and get a key for how to construct a plan to pursue the career in the field of Life Science.



Celebration of World Fungus Day-2021 on 2nd October 2021 and Fungal Awareness Week (27th September – 2nd October 2021)

The Department of Botany, Shri Shivaji Science College, Amravati and Mycological society of India jointly celebrated “**World Fungus Day-2021**” for the first time in the country on the auspicious occasion of Gandhi Jayanti. The college was honored for the successful organization of fungal awareness week from 27th September to 2nd October 2021. This event was a matter of great pride and the Department of Botany and twelve colleges including from Raipur, Chhattisgarh, were the co-organizers.

The workshop was organized for common people with more valuable and applied concepts in the field of Mycology. The role of the organization was also to promote a culture of mycology and research in the basic thinking that is essential for science-based society and in an age of globalization.

P.G. Department of Bioinformatics

- **Activity under Induction Programe** - interaction with past meritorious student was organized on 6 Dec 2022. **Miss Pooja G. Zagade** was invited as a guest faculty and she has conducted the interactive session.
- P. G. Department of Bioinformatics organized **Drawing Competition** for Life Science students on the occasion of National science Day-2022, which held on 28 Feb. 2022.
- **Guest Lecture and Welcome Function** was arranged by the department on 1-May-2022. **Prof. B.K. Dorkar**, Head Department of Botany presided over the function. Introductory talk was given by **Dr. G.B. Hedawoo**, coordinator P.G. Department of Bioinformatics. **Mr. Ashwin Bhosle** and **Miss. Sayali Jamodkar** were the guests of honor and addressed the students.
- **Group discussion** with 1st year & 2nd year students along with paper-based activity was conducted by using RBPT method on 23 April 2022. Total 35 students were participated in this activity and during this activity students learnt about critical thinking, team work, Interactions methods, etc. This activity conducted by Teacher in charge **Mr. Shyam Ingle** and **Miss. Shivani Giri**.

Student's Activities:

In the month of March 2022, twenty-eight students of M.Sc.- II have successfully completed their academic, research-based projects at various reputed institutes, viz. ArrayGen Technologies Pvt. Ltd. Pune, Barkatullah university Bhopal, (MP).

Recently, two students from M.Sc.-2nd Bioinformatics **Mr. Gaurav Whankhade & Miss. Gauri Khanande** participated in Inter University Best Seminar Competition, organized by Botany department, GVISH, Amravati which held on 10 May 2022.

Student's Achievements:

The glorious and prestigious moment for our department is the position of students in the University Merit List. Students of Post Graduate Department of Bioinformatics have secured all the three merit positions in the merit list published by Sant Gadge Baba Amravati University Gazette dated- 03 Feb. 2022

Sr. No	Name of candidate	CGPA	Merit Position
1	Miss. Eshaal Mushtaque Saudagar	8.68	1 st
2	Miss. Komal Shyam Devkate	8.40	2 nd
3	Mr. Ambarish Abhijit Sahastrabuddhe	8.33	3 rd

Student's placements:

Our following students of last batch have been selected and placed at various places.

Sr.No	Name of Student	Placement at
1	Mr. Aniket G. Nage	Bioinformatics Analyst, ArrayGen Technologies Pvt. Ltd. Pune
2	Mr. Swapnil H. Jondhale	Genomics Business Development, ArrayGen Technologies Pvt. Ltd. Pune
3	Miss. Sayali S. Jamodkar	Technical Assistant in research project, Dr.P.D.K.V.Akola
4	Mr. Piyush S. Dhandar	Verifier Irwin Hospital, Amravati
5	Miss. Shivani C. Giri	Lecturer, Shri Shivaji Science College, Amravati
6	Mr, Ambarish A. Sahastrabudhe	Consultant, Evolvus Pvt. Ltd. Pune
7	Miss. Pooja G. Zagade	Teacher, Shasvat School, Amravati

Department of Chemistry

Online Two-Day Workshop on CSIR-NET/SET Examination

The online workshop was successfully organized by the P.G. Department of Chemistry, Shri Shivaji Science College, Amravati on 25th& 26th August 2021. The spectrum of delegates covered the different Universities of Maharashtra including Dr. Babasaheb Ambedkar Marathwada University, Solapur University, Mumbai University, Savitribai Phule Pune University and Sant Gadge Baba Amravati University, Amravati. To listen to the four eminent speakers, 200 participants including research scholars, post graduate students and faculties from different

Universities got registered for this online web-based workshop.

The workshop comprised of the inaugural function and the four invited talks of the eminent resource persons & experts in their fields. The speakers impressed the participants with their effective presentations. The workshop was conducted online using Zoom, You-tube & the official website of Shri Shivaji Science College, Amravati. There was overwhelming response for this online web-based workshop.

The students got benefited in many ways from this workshop. The Invited talks and Keynote Speakers from different Universities of the state Maharashtra addressed to the participants and shared knowledge and their rich experience in the subject chemical science.

The inaugural function of this workshop was held on 25th August 2021, Wednesday, at 11.00 a.m..

Dr. P. R. Mandlik, Convener of the workshop introduced the Guests of Honor & respectable dignitaries. The inaugurator of the workshop was Hon'ble Dr. F. C. Raghuwanshi Dean, Faculty of Science, Sant Gadge Baba Amravati University, Amravati. He appreciated the organizers for this initiative

The Guests of Honor were Dr. A. S. Aswar Prof. and Head, Department of Chemistry, Sant Gadge Baba Amravati University, Amravati and Dr. A.S. Aswar. They mainly focused on the development of hard work, willingness and consistency regarding the study of Chemistry including organic, inorganic and physical chemistry. They also inspired the participants regarding the career opportunities in Research and Lectureship through CSIR - NET/SET Examination. This Inaugural session was chaired by Honorable Chairperson Dr. G. N. Chaudhari, Officiating Principal and Head, Department of Chemistry, Shri Shivaji Science College, Amravati.

The first speaker Dr. Manish D. Raut, Ex-Assistant Professor, Department of Chemistry, Modern

College, Pune, and Director, R & S Academy for CSIR-NET/SET/ GATE Chem Sci. Pune, in his speech, mainly focused on "Introduction to NET/SET examination & Stereochemistry". He also addressed the essential aspects of percentage criteria, marks distribution according to the category of students. He also addressed the idea about stereochemistry.

The second session of the workshop started at 2.30 p.m. Dr. Vikas D. Kadu, Assistant Professor, Department of Chemistry, School of Chemical Sciences, Panyashlok Ahilyadevi Holkar, Solapur University, Solapur, was the speaker. He mainly focused on "NMR Spectroscopy". He addressed the participants on introduction to NMR Spectroscopy, ^1H NMR & ^{13}C NMR. He also interacted with the students on different kinds of numerical about NMR and discussed with the students about the different questions from last consecutive years along with the specific examples.

On the second day, the speaker Dr. Anand Burange Assistant Professor, Department of Chemistry, Wilson College, Chowpaty, Mumbai talked on "Introduction of Reagents in Organic Synthesis". He explained the simple, complex steps with very effective mechanism. He also explained the various kinds of Chemo selective, Stereo selective, Regio selective reactions with specific examples along with suitable mechanisms. He also discussed the different

kinds of organic rearrangement reactions with the students.

Online Three -Week National Training Course on “Advanced Instrumentation Techniques and Their Practical Applications for PG and Research Students”

The Department had organized a one-month value based national training course for PG and research students from 17/08/2021 to 07/09/2021 under the guidance of Dr G. N. Chaudhari, Principal, Shri Shivaji Science College Amravati, Dr H. S. Lunge, Coordinator, IQAC, Dr. Shrikant A. Wadhwal, Course Coordinator, Mr. Amol Gawande, Scientist, Peaks Analytical and Research Centre, Nagpur, and Dr. Amit Bansal, Coordinator & Head SEAF & BDG, NEERI, Nagpur. Dr Atul Wankhade, Department of Chemistry, VNIT, Nagpur provided online training regarding some latest instruments like HPLC, Gas

Chromatography, GCMS, Atomic absorption Spectrophotometer, IR, UV- VIS double beam, UV –DRS, Karl Fischer instrument, ICP-OES used in laboratories and various companies.

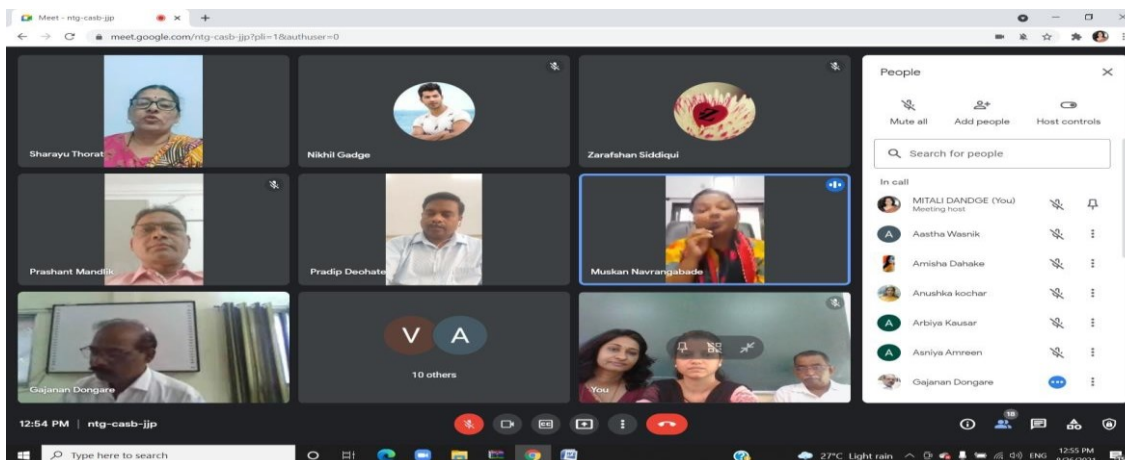
Total 154 participants from different colleges from India including Kalindi college, Delhi University, Department of Chemistry University of Delhi, M.S.G. College Malegaon, KPG College, Igatpuri, Nashik, KTHM College Nashik, Adarsh Mahavidyalaya, Dhamangaon Rly, Bajaj College, Wardha, Vaidyanath College, Beed, Nabira Mahavidyalaya, Katol, RTM Nagpur University, Nagpur participated in this course.

Online Intercollegiate seminar competition for B.Sc.-II

Shri Shivaji Science College, Amravati conducted the online Inter-Collegiate Seminar Competition on 27th August 2021 in the Department of Chemistry. Dr. B.N. Berad, Former Professor, P.G. Department of Chemistry, RTM, Nagpur University, Nagpur was the Chief Guest of the Inaugural Ceremony of the seminar competition.

The topics for the competition covered Chemistry of elements of transition series, extraction of elements, Poly nuclear hydrocarbons reactive methylene compounds and carbohydrates and crystalline state.

Miss. Amisha Dahake, student of Shri. Shivaji Science College, Amravati bagged the First cash prize of Rs. 1001/- while Miss. Muskan Navrangabade, student of B. B. Arts Commerce and Science College, Digras and by Miss. Anushka Kochar, student of Shri. Brijlal Biyani Science College, Amravati bagged the second and the third prizes respectively.



Online Value-based Course on Chemical Handling and Laboratory Safety for UG and PG Students:

The Department of Chemistry, Shri Shivaji Science College Amravati, organized an online Course on “Chemical Handling & Laboratory Safety (CHLS-2021)” from 20/08/2021 to 06/09/2021. Dr Harshali G. Wankhade, Asst. Professor, Department of Chemistry took

initiative as a course co-ordinator to effectively carry out the sessions of this course. In this course total 170 students of UG & PG offering Chemistry from Shri Shivaji Science College Amravati participated.

Research Methodology Course (Rmc-21) For Ph.D. Research scholars in Faculty of Science.

The aim of RMC-21 is a way to systematically solve a research problem. It is a science of studying how research is done specifically. The workshop is mainly for Ph.D. scholars in order to enhance their research skills.

The speakers Dr. Ranjit Thomas and Dr. N. S. Chandan delivered the talks on “Academic Writing in Science Plagiarism Citation and Ethics” and “Research Opportunities in India and abroad” respectively. In the second session, Dr. Payal Joshi, delivered her talk on “Preparing a Robust Supplementary Information Research Data”.

On the second day, the speaker Dr. Pravin Ingole –IIT Delhi delivered his talk on “Writing Your Research Proposal? Mind Some Key Aspect” and Prof. Vivek Poleshettiwar, TIFR Mumbai delivered his talk on “How

to Conduct Novel and Quality Research”. Dr. H.S. Lunge Professor in Statistics elucidated on the topic “Data Analytics and Its Interpretation” while Dr. P.R. Bhagat Professor in Chemistry, VIT Vellore oriented the scholars on “Importance of Research Area in Basic Sciences and Ethics”.

Experiential learning through Internship Program for Forensic Science Students at Clue4 Evidence Forensic Investigations Lab, Bangalore, India.

Clue4 Evidence Forensic Investigations Laboratory organized a one-month Internship program at Bengaluru for Forensic Science students from 01/04/2021 to 30/04/2021. Mr. B.N. Phaneendar, managing director of Clue4 Evidence Foundation took initiative as a course coordinator to effectively carry out the sessions of this course. In this programme, total 33 students of B.Voc. Forensic Science course of Shri Shivaji Science College, took participation. Mr. Phaneendar provided interns the training and experience at handling and analyzing Forensic evidences of various natures. Central focus was on performing activities such as accurate handling of evidences and learning while witnessing their analysis performed by the staff of forensic experts. This internship proved to be very beneficial for the students. They got a better understanding of how the evidences are handled and analyzed and how Forensic world works. The tasks that were performed helped them to gain an abundance of knowledge as they got to perform each task at their own pace. Going to another state helped them all with their soft skills as well. Overall, this internship experience was extremely positive for the

interns, as the skills learned during this time will help them with their respective careers and in their daily lives too. The students were provided hands on training of the following activities

- Development of Latent Fingerprints using black and white powders.
- Methods of collection of Fingerprints from various surfaces such as Tape Lifting method.
- Collection, comparison and analysis of Fingerprints sample evidences.
- Forming a thorough report of the Analysis.



- Analysis of sample Audio evidences.
- Analysis of sample Video evidences.
- Checking the sample picture evidences for any kind of editing.
- Data recovery.
- Forensic Imaging.

World Water Week

The World Water Week is celebrated all over the country from 23rd August to 26th August. To mark this occasion, the Department of Geology organized a one-day online work shop in collaboration with the Groundwater Survey and Development Institute, Amravati (GSDA), Government of Maharashtra, on 24th August, 2021. This workshop proved to be a success in spreading more information about groundwater management and Geology among the people. A special guidance was also made to create awareness about job and business opportunities in groundwater management and Geology.

On this occasion, Mr. Sanjay Karad, Deputy Director, Groundwater Survey and Development Institute, Amravati Pradesh, Amravati, Government of Maharashtra guided the students on how groundwater management and Geology students can demonstrate through field work and make local people aware of various techniques of groundwater conservation.

Dr. Mallinath Kalashetti, (IAS) Director, Groundwater Survey and Development Institute, Government of Maharashtra, was the Chief Guest of the workshop. Mrs. Prarthana Divare, Assistant Chemist, NABL accredited Regional Water Testing Laboratory, Groundwater Survey and Development Institute, Amravati, demonstrated the analysis of water quality and provided valuable guidance to the students.

Shri Nagmallesh Gampala, Geophysicist, Institute of Groundwater Survey and Development, Amravati guided the participants on Geophysical Survey Methods.

For this workshop, about 130 participants including 100 students, teachers and non-teaching staff were present.



Department of Zoology

World Biodiversity Day celebration:

On 22 May 2021, a webinar was organized as a part of celebration of **“World Biodiversity day”**. On this occasion Dr. Jayant Wadtkar, Member of Maharashtra State Biodiversity Board delivered the lecture on **“Biodiversity, Wildlife & Forest Acts”**. Dr. G. A. Wagh was the coordinator of the program.

World Environment Day Celebration:

On the occasion of **World Environment Day- 5th June, 2021**, the Department of Zoology organized an **intercollegiate online Mobile Click Photography Competition**.

Appeal for Eco-friendly Ganesh Festival:

“Matiche Ganapati Basawa - Nisargashi Bandhilki Dakhawa”-This Clay Ganesh Idol Awareness Program was organized by the Wildlife and Environment Conservation Society (WECS), Amravati in collaboration with the Department of Zoology.

International Tiger Day celebration:

The World Tiger Day is celebrated every year on 29 July. For the same, Department of Zoology, organized a guest lecture on 30 July on the theme "Their Survival in our Hands". The guest lecture was aimed to promote awareness regarding the declining population of the tiger species and for their conservation in the natural habitat.

The Chief Guest of the lecture was Dr Ramzan Virani, M.Sc., M.Phil., Ph. D., B.Ed. He is a conservation ecologist expert in handling man-animal conflict. The topic for the lecture was "Tiger Conservation: Facts and Fancies".

During his guest lecture, Dr Virani spoke about the majestic key stone species – Tiger, and the reason for the decline in its population. Dr Virani reported - people and Tiger sharing the same resources as the main reason for man - tiger conflict, along with deforestation, and hunting for tiger body parts, as the major reasons for the decline in this wild cat population. He also talked about the smart conservation processes like GIS for location and conservation of the tiger species.

World Ozone Day Celebration:

World Ozone Day is celebrated on September 16, every year. It is celebrated to spread awareness among people about the depletion of the Ozone Layer and search for possible solutions to preserve it. On this day, people from all over the world are expected to join the Montreal protocol to join the talks and seminars. Theme for World Ozone Day-2021 was "Ozone for Life: 36 Years of Ozone Layer Protection."

On this day, the Department of Zoology and Shri Shivaji Agriculture College, Amravati jointly organized Online WORLD OZONE DAY-2021. The Participants were asked to use only waste materials to prepare nest and submit Images of prepared Bird Nest. The Selfie with Nest was aimed to promote awareness regarding the wildlife species and for their conservation in the natural habitat.

269 participants attended the lecture which included the staff member of the department and the college, the undergraduate and the post graduate students.

Wildlife Week-2021 celebration:

To mark 'Wildlife Week-2021, Department of Zoology, Shri Shivaji Science College, Amravati has organized "Online Green Education Lecture Series" in collaboration with Melghat Tiger Reserve & Wildlife & Environment Conservation Society, Amravati. The Wildlife Week program was virtually inaugurated at the hands of Ms. Jayoti Banerjee, Chief Conservator of Forest & Field director, Melghat Tiger Reserve & she has delivered the inaugural speech. Dr. Nishith Dharaiya, Professor, Department of Life sciences, HNG, University, Patan, Gujrat & Dr. Jayant Wadkar, Ex. Member, Maharashtra State Biodiversity Board & Secretary, WECS were the Guests of Honour in Inaugural ceremony.

By organizing this program our institute became the part of the National awareness campaign and it was a great initiative towards the wildlife and their critical habitat conservation. During Green education lecture series in wildlife week, we had organized 04 invited talks of eminent personalities from the field of Wildlife & Biodiversity conservation. Dr. Nishith Dharaiya Professor, Department of Life sciences delivered the lecture on 'Sloth Bear Conservation in India', Dr. S. S. Talmale (Scientist-B) Zoological Survey Of India (WRC), Pune delivered the lecture on 'Small Mammals Diversity & their Conservation in India', Dr. Jayant Wadkar Ex. Member, Maharashtra State Biodiversity Board & Secretary, WECS, delivered the lecture on 'World of Colorful Butterfly' and Mr. Tushar Pawar Research Fellow Pangolin Research project delivered the lecture on 'Indian Pangolin Conservation'. A total of 100 students from UG, PG and COC participated in this webinar series. Participants also joined from different states.

Bird Week celebration 2021:

To mark the Bird week (7 Nov to 12 Nov) 2021, the bird watching program was organized by Department of Zoology in collaboration with Wildlife and Environment Conservation Society, Amravati at Chatri Lake, Amravati on 12 November 2021. UG, PG and Career Oriented program students were participated in this event. More than 50 species of the migratory and resident birds were observed during the bird watching program. Dr. G.A. Wagh guided the participants.

Online Seminar Competition:

An online Seminar Competition was organized by the Department of Zoology, Shri Shivaji Science College, Amravati on 30 August, 2021 from 1.00 -4.00 pm. The topic for the seminar competition was Advanced Genetics. The Competition was organized for the Students of B. Sc. II of Shri Shivaji Science College, Amravati. Registration was Free. Student participants gave a live presentation of 7 mins each (5 minutes for presentation + 2 minutes for discussion). The participants were given participation e-certificates.

Online Poster Competition Activity on the occasion of “WORLD AIDS DAY-2021”

World AIDS Day is held on 1 December each year. It raises awareness across the world and in the community about the issues surrounding HIV and AIDS. So, in order to spread awareness as well as to have active involvement of the students, the Department of Zoology celebrated World AIDS Day on 1st December 2021 and organized an Online Poster Competition activity.

Students from UG and PG section participated in this activity. Miss. Vaibhavi Namdev Jadhao of B. Sc- I- MEB Group got the e- certificate for Best World AIDS Day Poster- 2021.



DEPARTMENT OF ENVIRONMENTAL SCIENCE

Academic achievements of Students (PG):

Name of the Student	Photo	Name of event with level / University Merit	Participation/Achievement/ Merit Rank	Date and Place
Ku. Ruchita Arvind Jumade		SGBA University Merit, Environmental Science	I st merit M.Sc. Environmental Science	2020- 21 SGB Amt University Amravati
Ku. Ankita Sunil Bhadange		SGBA University Merit, Environmental Science	II nd Merit M.Sc. Environmental Science	2020- 21 SGB Amt. University Amravati
Mr. Saurabh KishorraoBijwe		SGBA University Merit, Environmental Science	III rd Merit M.Sc. Environmental Science	2020- 21 SGB Amt. University Amravati

Ozone Day Celebration: 16th Sept. 2021

Intercollegiate Poster Competition on the World Ozone Day

Objective: The main objective of the competition was to aware and sensitize students about importance of ozone, ozone depleting substances (ODS), it's contribution in Global warming, effect of ozone depletion, and to encourage them to work unitedly for better tomorrow.

Activity Conducted: On the occasion of world ozone day, Dept. of Environmental Science in collaboration with Amravati Municipal Corporation, Amravati under "Majhi Vasundhara Drive" organized intercollegiate poster competition in online mode. two themes were given to students

1. Sources of ozone depletion and
2. Solution to the Global Warming.

The students were provided with Google form link and were asked to register and send the photo of their poster through it.

40 students participated in the activity. Color prints of the photos of the poster were taken and exhibition of the posters was arranged in the dept. of Environmental Science.

Outcome: For poster preparation on Ozone Day, students read about the ozone depletion in detail, searched for the different posters they can use to prepare their own poster. Thus, by this activity, students were aware about the effects of the ozone, ozone depleting substances (ODS), correlation of ozone depletion and global warming, their role in preventing the phenomenon.

Shri Shivaji Education Society Amravati's
Shri Shivaji Science College, Amravati
MAAC accredited by "A Grade" CGPA 3.13 (3rd Cycle), UGC Awarded "College with Potential for Excellence" (2nd Phase)
Identified by DST, Govt. of India under FST and Saint Gadge Baba Amravati University as "Lead College".

On the eve of World Ozone Day
Department of Environmental Science &
Amravati Municipal Corporation, Amravati
Jointly Organizing

WORLD OZONE DAY

Intercollegiate Poster Competition

Topic
1. Sources of Ozone Depletion & 2. Solutions to Global Warming

Dt. 16 September, 2021

Date & Time : Upto 12.00 p.m. on or before 16th Sept. 2021.
Register & Submit the photo of your poster on any one of the above topics on below link:
https://docs.google.com/forms/d/e/1FAIpQLSc7ulrXlXjMjNEWGXEVNDUurQ8gCHG7FYtx0pza-2pHOZFp6K4Q/viewform?usp=pp_url
Note : All the participants will get e- certificate along with 'First' & 'Second' Prize.

"Let's Work Unitedly for Better Tomorrow"

"Slogan Competition" on the topics

- i. Protection of livelihood in forest &
- ii. Sustaining people and planet.

Objective: The main objective of the competition was to aware students about importance of protection & conservation of wildlife to maintain the balance of environment in nature.

Activity Conducted: The Dept. of Environmental Science in collaboration with Amravati Municipal Corporation, Amravati under "Majhi Vasundhara Drive" organized the activity.

Outcome: Through this activity, students were made aware about the different aspects related to wildlife viz. their decreasing numbers, need of conservation, protection, habitat loss etc.

On the eve of
"Wildlife Week 2021"

Dept. of Environmental Science,
Shri. Shivaji Science College, Amravati &
Amravati Municipal Corporation, Amravati
Under "Majhi Vasundhara" jointly organizing

- Activity 1 - "Slogan Competition" on the Topics
1. Protection of livelihood in forest & 2. Sustaining people and planet.
Submit your "Slogan" on any one of the above topics
with the help of below link Upto 6 October 2021

- Activity 2 - "Online Webinar" on the Topic
"Forest & wildlife conservation through community participation."
on 7th Oct. 2021 at 12.30 p.m.
By - Mr. Dhananjay Sayare
CEO- NISARGA Agro Forestry Tech Net Melghat, &
Resource Person- Center For Environment education, Pune

Link for Submission of Slogan -
https://docs.google.com/forms/d/e/1FAIpQLSerUBHfQ4ngSTR-SASRF0Wx38e9nyjPEsChyTtQ-fBUA/viewform?usp=pp_url

Note : All the participants will get e- certificate.

Wildlife Week: 2021

Webinar on the Topic "Forest & Wildlife Conservation through Community Participation."

Objective: The main objective of the competition was to aware students about importance of protection & conservation of wildlife to maintain the balance of environment in nature.

Activity Conducted: Dept. of Environmental Science in collaboration with Amravati Municipal Corporation, Amravati under "Majhi Vasundhara" organized the activity. Mr. Dhananjay Sayre, alumni of the Dept, CEO-NISARGA Agro Forestry Tech Net Melghat & Resource Person- Center for Environment Education. - Pune was the speaker of the Webinar.

Outcome: By this activity, students got aware & sensitized about the different aspects related to wildlife viz. their decreasing numbers, need of conservation, protection, habitat loss etc.

DEPARTMENT OF COMPUTER SCIENCE

Students Achievements:

- List of Students Placed:

Name of Students	Program graduated from	Name of the employer with contact details	Pay package at appointment
Abhishek Jayhari Gawali,	B.Sc. III	ACUTE Informatics	1.5 Lakh per Annum
Tejas Sunil Sahare,	B.Sc. III	ACUTE Informatics	1.5 Lakh per Annum
Mr. Prajwal S. Kandalkar,	M.Sc. II Comp.Soft.	ACUTE Informatics	1.5 Lakh per Annum
Ms. Aachal R. Kashyap,	M.Sc. II Comp.Soft.	ACUTE Informatics	1.5 Lakh per Annum
Ms. Pratiksha A. Gulhane,	M.Sc. II Comp.Soft.	ACUTE Informatics	1.5 Lakh per Annum
Mr. Abhishek P. Sudke,	M.Sc. II Comp.Soft.	ACUTE Informatics	1.5 Lakh per Annum
Rutuja Gajanan Gophane	M.Sc. II Comp.Soft.	IBM India Private Limited	180000/- per Annum

- List of Merit Students

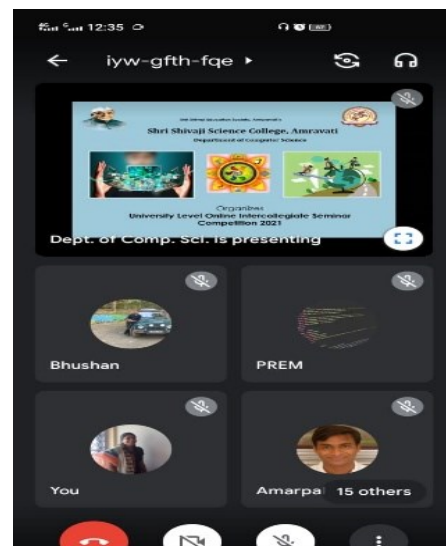
Year	Name	Univ. Rank
2020-2021	1. Ku. Sampada N. Behare	1 st
	2. Ku. Rutuja R. Diwate	2 nd
	3. Ku. Shraddha K. Sawarkar	3 rd

Inter-Collegiate Seminar Competition-2021:

The Department of Computer Science organized an online intercollegiate seminar competition-2021 for P.G. students in Computer Science & Computer Software on 24-Aug.- 2021. Total twenty-one (21) students from various colleges under SGBAU participated in this competition. This year, due to pandemic situation, we asked for seminar Videos and seminar scripts in PDF form on Google Classroom. Students prepared nice videos on the recent ICT based topics.

Chief Guest of the program Dr. P.N. Mulkalwar, Head, Dept. of Computer Science, Amolakchand Mahavidyalaya, Yavatmal addressed the student participants on this occasion.

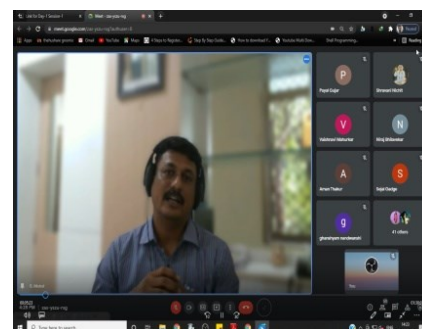
All teaching and non-teaching staff members of the department actively involved for the success of this competition.



1. 10 hr. Bridge-Course for First Year Students in the subject of Computer Science [BCDoCS_21-22]

The department successfully organized the Bridge Course for the newly admitted students of Computer Science beginning of first semester. Because of the COVID-19 precautions, this course was conducted online. The main objective of the course was to bridge the gap between subjects studied at Pre-University level and subjects that they would be studying at the Graduation level.

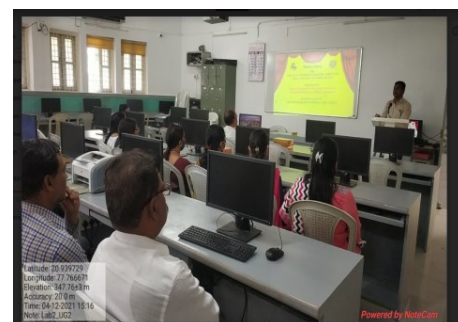
This course lasted for 5 days from 18th Nov-2021 to 23rd Nov-2021. In this course, total 87 B.Sc.I students got registered and successfully completed the course.



2. "One-Day Workshop on Basic Computer Skills for Non-Teaching Staff".

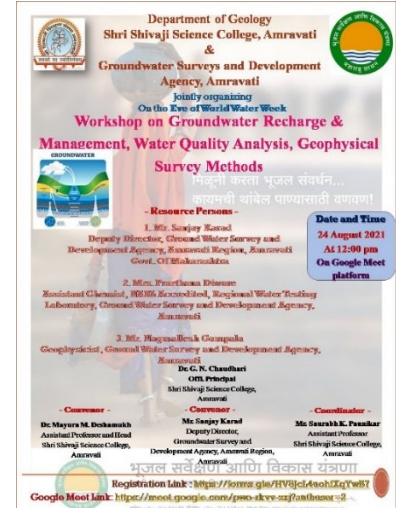
The Department of Computer Science organized a One-Day Workshop on "Basic Computer Skill for Non-Teaching Staff" for all non-teaching staff of Shri Shivaji Science College, Amravati on the occasion of the World Computer Literacy Day on 04-December-2021. The main objective of this workshop was to provide basic knowledge and recent techniques of computer to all non-teaching employees of the college so that they can prepare computerized documents and can handle computers easily.

Two teaching faculties- Mr. A. D. Chauhan and Ku. Vaishali Pawade and one non-teaching faculty- Mr. Suresh P. Waghmare from the department of Computer Science were the resource persons for the workshop. Total 21 non-teaching staff of various departments got benefitted from this workshop.



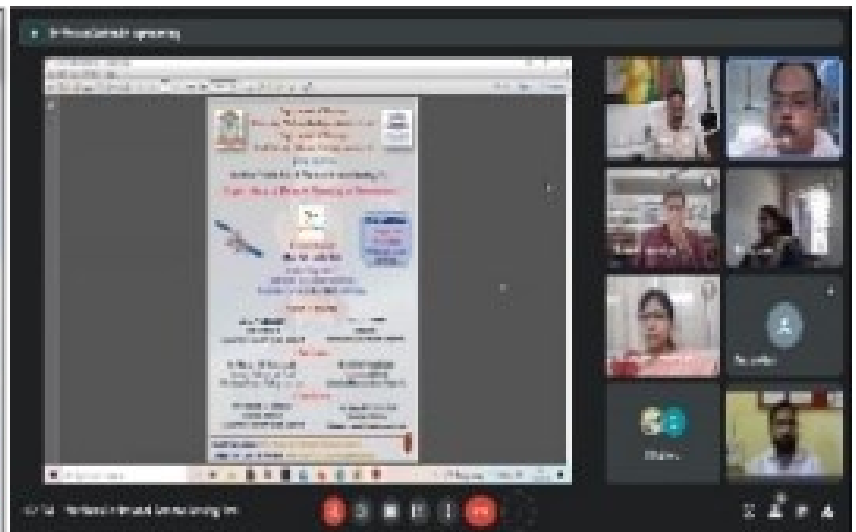
Groundwater Management and Groundwater Science Online Training Program (4 days)- 16 July to 19 July , 2021

The Department of Geology, Shri. Shivaji Science College, Amravati in collaboration with Urdhvam Environmental Technology Pvt. organized online training program on Groundwater Management and Groundwater Science. In this training, 46 students registered through the Google registration form and 35 successful trainees were also given certificates. The purpose of this training was to provide information and awareness on groundwater management and groundwater science. The training was imparted by Mr. Bakre, CEO, Urdhvam and his colleagues.



Remote Sensing Day -12 August, 2021

12 August is celebrated all over the country as National Remote Sensing Day. This is the birth centenary year of Dr. Vikram Sarabhai, the father of Indian remote sensing. On this occasion, one day online lecture was organized by the Department of Geology, Shri Shivaji Science College and Bharatiya Mahavidyalaya, Amravati on 12th August 2021. This medium was used to spread more information and communication about remote sensing and geology among the people. Special guidance has also been received to create awareness about remote sensing and job and business opportunities in geology. In the lecture series, the students received valuable guidance from Mrs. Nirmala Jain, Scientist SE, Geodynamics and Geohazards Division, Geosciences Group, National Remote Sensing Center, India Space Research Organization (ISRO), Hyderabad.



Online Field Visit - 31 August 2021

The Department of Geology, in collaboration with Crustal Geotechnics India, organized an online field visit at Mula dam Taluka- Rahuri, district Ahmednagar. 58 students attended this online field visit. The purpose of this online field visit was to provide information and awareness about the field work, role of geologist in Geotechnical field. The training was imparted by Mr. Manoj Tupe and Mr. Amit Date, Engineering Geologist, Crustal Geotechnics India, and his colleagues.

Bridge Course for B.Sc. I Semester I Geology - 27th August to 8th September, 2021

Department of Geology organized bridge course for B.Sc. I Semester I Geology from 27/9/2021 to 8/10/2021. The Bridge course was organised under the guidance of Head of the Department and convener for the course Dr. M.M. Deshmukh and the Course Coordinator Shri. S.K. Paunikar. The Course was conducted with the aim of introducing geology to students and building a bridge between their knowledge of the 12th and the graduation. It was designed to provide the basic background of Geology to students and to increase their enthusiasm in the subject. In all, 30 students were benefited from the bridge course.

International Mountain Day

Every year, December 11 is observed as International Mountain Day to raise awareness about the significance of mountains. Mountains are particularly important for their biodiversity, water, clean air, research, cultural diversity, leisure, landscape and spiritual values. The theme of this year's International Mountain Day (IMD) on 11 December was 'Sustainable Mountain Tourism'.

The Department of Geology organized a four-day online/offline college level seminar presentation was organized on Google Meet Platform/ Geology department lab from 13-16 December 2021. The presentation was organized for the B.Sc.I & II students in which 20 students participated.



Students' Achievements:

Completion of ISRO Outreach Courses 05 students
IIT-JAM Qualification in Geology Subject 02 students
Online Internship- 2 students
Completion of online Training- 30 students
Seminar Intercollege level competition- 2 students
Quiz Intercollege level competition-3 students

International Yoga Day- 21 June, 2021

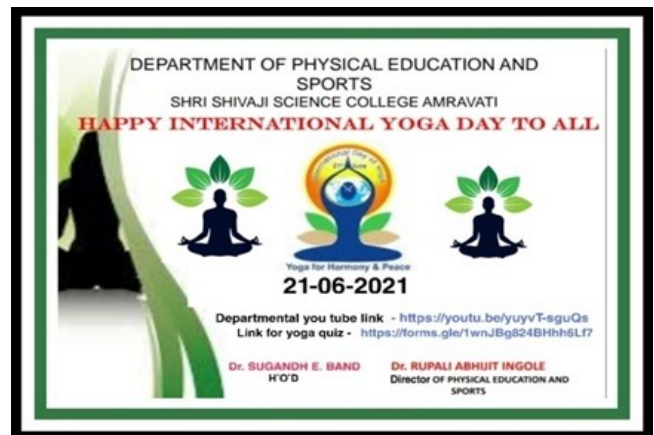
To celebrate the International Yoga Day, various asanas and pranayamas were performed by the college yoga expert Mr. Jadhav and uploaded on the YouTube channel of the Department of Physical Education and Sports i.e., Shivaji Science Sports. Through this activity, everyone was inspired to do yoga in the right way. Moreover, a the Marathi language video of all the yoga protocols published by Morarji Desai Yoga Institute was made available to all the college members by the Department of Physical Education and Sports.

In addition, in case of any problem online, the department prepared a hard copy of the complete information about the entire asanas, prayers and pranayama procedures in a PDF file and provided it to all the members of the college. Through this every stakeholder of the college performed the yoga practice.

A National Level Yoga Awareness Quiz Competition was organized by the Department of Physical Education and Sports to celebrate the International Yoga Day in which 1230 participants from all over India registered and participated. The students qualified in the quiz were given e-certificates immediately. Our Principal Dr. V. G Thakre wished all the members of the college a happy International Yoga Day and instructed them on how yoga is important for good health and how to maintain good health by doing yoga daily.

National Sports Day- 29 August, 2021

Like every year, this year also the National Sports Day was organized on 29th August by the Department of Physical Education and Sports. This day is celebrated all over India with great enthusiasm in the memory of Major Dhyanchand, an international player who is considered as the magician of hockey in the field of sports. This National Sports Day is celebrated every year in colleges by conducting various activities. This year the National Sports Day was celebrated online by the Department of Physical Education and Sports due to Covid-19 restrictions in which the National Sports Awareness Quiz Competition was organized by the department. In this, 1121 participants from all over India responded well and registered their participation. Certificates were also immediately issued to all participants who cleared the quiz.



The main purpose of organizing this quiz was to provide the students with the right information about the various day-to-day mathematical developments in the field of sports and all the students should read the correct information in the field of sports out of curiosity. The quiz included questions from various sports- including the recent Tokyo Olympics and India's place in the medal table.

Basketball Training Camp for Physically Challenge People- September-2021

As in the previous year, the Department of Physical Education and Sports had organized basketball training camps for physically challenge in colleges. Basketball training camps were organized in the college with the main objective of keeping the mentally handicapped students happy as well as the physically weaker students just like the normal students. The event was held both offline for those who could and for those who could not come to the college grounds .online from September 2 to September 6 offline and September 29 online. In which many players participate Reported.



Necessary facilities were provided by the college for all students with disabilities. For these players, some of the best basketball coaches Mr. Anthony Area Sir Pune are especially known for training students with disabilities, some of their online basketball training in wheelchairs. Similarly, guidance was given in the form of videos on which exercises should be included in these exercises to increase physical fitness. In very simple and straightforward terms, through his demonstration, Anthony Saran also gave some training on how to increase the physical capacity that will be convenient for all students, as well as how to practice basketball at home.

Apart from organising the above programmes, the Department organized the following programmes/camps/activities:

- * S.G.B. University Amravati Basket Ball Game Selection Trial and Coaching camp Boys and Girls for west zone tournament.
- * Soft ball friendly tournament on 15 August 2021 with the collaboration of district softball association and G.V.I.S.H. Amravati
- * Intercollege Ball Badminton Tournament Of S.G.B.Uni Amravati (17-2-2022 to 19-2-2022)
- * G.T Test on Sports for All Sports Students (6-3-2022)
- * Womens softball coaching camp for all india inter university tournament (1 to 7 march 2022)
- * Womens and mens ballbadminton coaching camp for all india inter university tournament (1 to 7 march 2022)
- * Felicitation of physicaly chalenge basketball players by principal Dr.G.V.Korpe (3-2-2022)
- * Day night basketball summer coaching camp for physicaly chalenge students (4 to 6 march 2022)
- * Summer coaching camp 2 to 16-5-2022of various game like basketball, softball, lawn tennis, cricket marshal arts, boxing, kick boxing, netball (on demand extended up to 30-5-2022)
- * Inauguration program of softball ground and lowan tennis court
- * Felicitation program of coaches and medalist players of session 2021-22(10-5-2022)

Students' achievements at state, national and all India inter-university tournaments.

The following students of the college brought laurels in various sports tournaments:

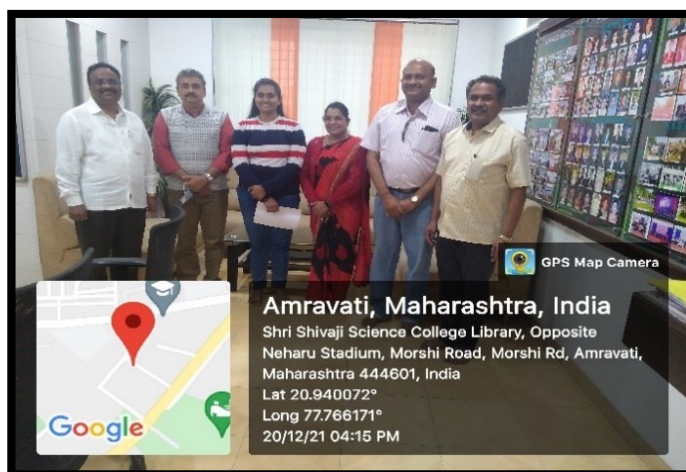
- Vedant Saraf- colour holder in swimming.
- Priti Deshmukh- Colour Holder In Weight Lifting Gold Medal At Intercollege Tournament And Selected For Khelo India Tournament
- Bhumika Aathwle- colour holder in baseball and softball and got bronze medal at all India inter university baseball Assam
- Sakshi Gawande , Prachi Deshmukh and Bhumika Aathwle selected for state softball tournament Latur
- Pawan Wankhde selected for softball all India inter university tournament
- Bhagyashri Kalane selected for gymnastic all India inter university tournament
- Sakshi Gawande and Bhumika Athawle selected for softball all India inter university tournament
- Darshan Patil received Gold Medal at National Kickboxing Tournament
- Pranav Pawar received two Gold Medal at National Taekwondo Tournament
- Vedant Saraf selected for swimming and water polo all India inter university tournament
- Brijesh Rathod selected for baseball all India inter university tournament
- Priti Deshmukh received silver medal in Khelo Indi ranking weight lifting tournament
- Shitija Masladi Selected for Ball badminton All India Inter University Tournament
- Sanjot Chipale Selected for Handball All India Inter University Tournament
- Mukta Ghodeswar Selected for Ballbadminton All India Inter University Tournament



Game Selection Tayal and coaching camp Boys and Girls for west zone tournament.



Vedant Saraf colour holder in swimming



Priti Deshmukh- Colour Holder In Weight Lifting Gold Medal At Intercollege Tournament And Selected For Khelo India Tournament



Bhumika Athwle- colour holder in baseball and softball and got bronze medal at all India inter university baseball Assam

Library

1. Ranganathan Birth Anniversary was celebrated on 12 August 2021. Due to Covid-19 guidelines students' activities were not organised and hence Hon'ble Principal Dr G.N. Chaudhari and all the staff members paid homage to Dr. Ranganathan. The Librarian on this occasion shared thoughts of Dr. S.R. Ranganathan, the father of Library Science.
2. Students of the Department of Library and Information Science, SGBAU, Amravati completed internship at the college library for 30 days from 21/9/2021 to 21/10/2021
3. On 15 October, 2021 we celebrated APJ Abdul Kalam Jayanti in presence of Hon' Principal Dr G.N Chaudhari and staff members.
4. The Internees visited Dr Panjabrao Deshmukh Agriculture College Library, Amravati, Vidyabharati Mahavidyalya Library, Amravati and Shri Shivaji Arts and Commerce College Library, Amravati on 15/12/2021. The main objective was to explore the students' views on different types of libraries.
5. Students of Nursing College, Badnera visited our college library to study books on microbiology under the observation of Microbiology department teachers on 04 December, 2021.
6. On 3rd January, 2022, we celebrated Savitribai Phule Jayanti in the presence of Hon'ble Principal Dr G.V. Korpe and staff members.
7. The Library staff visited Vidyabharati Mahavidyalya Library, Amravati on 25 February, 2022. The intention of this visit was to study the developments regarding NAAC as the NAAC team visit to this college is scheduled in 2022-23 session.

NCC- 4 Maharashtra Girls Battalion

1. Tree plantation Pakhwada from 1 July to 7 July : 16 cadets planted saplings nearby living area.
2. Atma-Nirbhar Bharat Awareness: campaign on social media 1-15 August 2021. Total 25 cadets wrote poems, prepared greetings, drew paintings and created video of atma-nirbhar bharat and uploaded on DG NCC website.
3. Cadets participated in Fit India Run on 14 August 2021 which was organized by Shri Shivaji Arts and Commerce College with NCC.

In the academic year of 2021-22 various educational and internship programs were conducted under the B. Voc. Forensic Science. All the programs were organized by the students of B. Voc. forensic Science under the supervision of honorable Dr. G. V. Korpe (Principal), Dr. P. R. Padole (Co-ordinator), Miss. K. S. Mawande, and also under the guidance of Miss. M. Pawar and Mr. K. Godeshwar.

Internship at Forensic Science Laboratory (FSL), Rajasthan –

Final year students of B.Voc. Forensic Science received a remarkable opportunity for an internship at Forensic Science Laboratory (FSL) under the Directorate of Forensic Science Services (DFSS) Rajasthan. The tenure of the internship was 3 months long (Nov - Feb). The students were divided into batches at various regional forensic science laboratories (RFSL) within the Rajasthan region.

During the period of this internship, students should learn about the working and functioning of government laboratories. It was an incredible experience for the students as hands-on working on the instruments and practical application of the techniques was encountered.

Instrumentation training program at Shodh Advantech -

Second year students attended 1 month internship program at Shodh Advantech – Aurangabad. The period of the internship was from 22 Nov – 22 Dec. 2021. In the training program the students were benefited with the hands-on training and working knowledge of advanced instrumentations like HPLC, GC, IR Spectroscopy, PH meter, analytical balance, TLC etc. Other than the instrumentation knowledge students also learnt professional skills like facing job interviews, stress management, etc. A special guest lecture was also conducted on Toxicology. The certificates of the internship were provided based on the seminar presentation and written examination at the end of the program.

Department of Forensic Science Inauguration:

On 10th May 2022, establishment of Department of Forensic Science was celebrated by the inauguration of Forensic Science and Forensic Biology laboratory. An enriching ceremony was organized, where honorable guests were given a tour of the laboratory by the students. Presentation of tools and equipments available, various practical performed and the charts were discussed with the guests by the students.

Department of Physics

A Competition on Presentation and Demonstration of Virtual Physics Experiments- 1st March, 2021

Taking into consideration the theme of NSD-2021 "Future of STI: Impacts on Education, Skills and Work" and the current scenario of Covid-19 Pandemic, the Department of Physics organized a competition on 'Presentation & Demonstration of Virtual Physics Experiments' to make the Under graduate Physic students familiarize with the Virtual Laboratory.

A large number of students of B.Sc. from different colleges in the SGBA University Jurisdiction participated in this competition.



National Workshop on Use of Virtual Laboratory in Teaching & Learning- 09–10 August, 2021

In view of the current scenario of COVID pandemic, the Department of Physics, Shri Shivaji Science College, Amravati organized a **Workshop on Use of the Virtual Laboratory in Teaching and Learning for teachers and students of Physics** in collaboration with Shri Shivaji Science and Arts College, Chikhali.

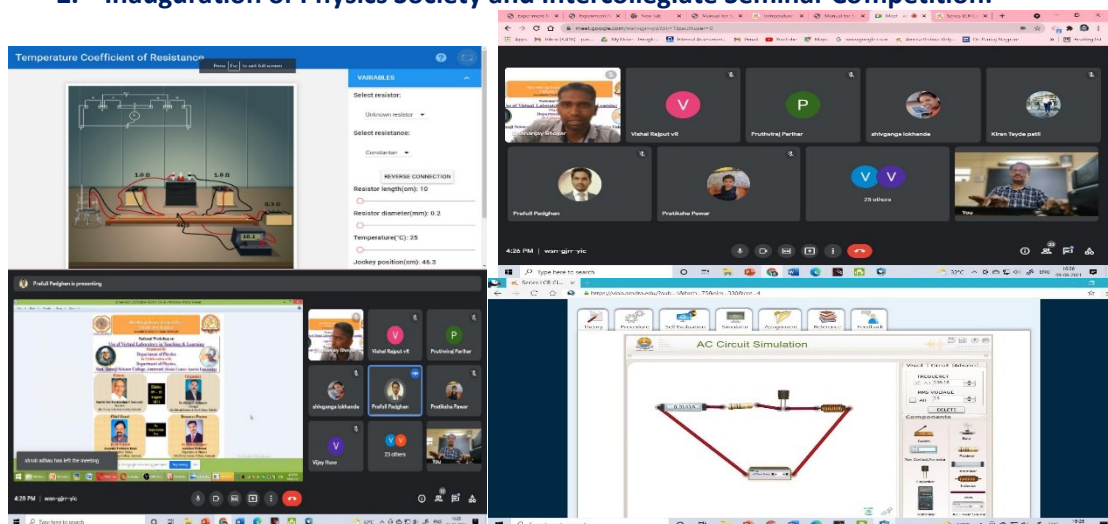
Since, due to restrictions of pandemic, the students cannot attend the practical sessions in the laboratory. Conducting the experiments in the laboratory is not possible until the colleges will open for the students. Hence this workshop is organized to make the students of UG and PG and the faculty of physics aware about the various Virtual Laboratories available on the Internet such as Amrita Virtual Laboratory, Virtual Laboratories of Indian Institute of Technology, Mumbai/Roorkee/Kharagpur/Kanpur, etc. In this workshop, Dr. P.A. Nagpure, Associate Professor and Nodal Co-ordinator of Amrita Virtual Laboratory demonstrated many experiments of physics at UG and PG level. The workshop was conducted online on the Google Meet Platform.

In this workshop, 598 students and 20 teachers from various colleges participated. The workshop was inaugurated by Dr. O.S. Deshmukh, Principal, Shri Shivaji Science and Arts College, Chikhali. He emphasized the importance of the Virtual Laboratories in the current scenario. Dr. W.S. Barde, HOD of Physics, Shri Shivaji Science College, Amravati presided over the function. Dr. N.B. Deshmukh, HOD of Physics, Shri Shivaji Science and Arts College, Chikhali conducted the Inaugural Program.

National Science Day Celebration 2022

The faculty and the students of the department actively participated in the various events organized at Dr. Panjabrao Deshmukh Memorial Science & Innovation Activity Centre, Amravati during 26 February to 04 March- 2022 on the occasion of the celebration of National Science Day 2022. The following science-based activities and intercollegiate competitions were conducted by the centre:

1. **Competition on Presentation and Demonstration of Physics Experiment (CPDPE-2022)**
2. **Inauguration of Physics Society and Intercollegiate Seminar Competition:**



Department of Languages

Various activities were organized by the department to nurture values and culture among the students of B.Sc.I. Special attention was given to develop students' interest in Marathi and English language and thus inculcate in them reading and writing culture for the overall development of their personality.

Programmes/Examinations Organized:

1. A Certificate Course in English Communication Skills
2. A Certificate Course in English Vocabulary Building
3. Inauguration of Wall Magazine- "Ingenuity- A Students' Space". This magazine aims to provide a free space for students to publish their articles, poems, paintings, etc. and to encourage them to pursue such interests and skills.
4. 'Marathi Raj Bhasha Diwas' for students on 27 February, 2022 as a part of Marathi Bhasha Sanwardhan Pandharwada as per the direction from the Govt. of Maharashtra. This programme was conducted online due to Covid-19 restrictions.

Students' Achievements:

The following team of students emerged as the Winner in the Quiz Event at the Sant Gadge Baba Amravati University, Amravati Youth Festival under the guidance of teachers of the department:

Sr. No.	Name of the Student	Class
1	Siddhesh Gawande	B.Sc. III
2	Sandesh Chaudhari	B.C.A. III
3	Ku. Vaidehi Dawande	B.Sc. II



Inauguration of Wall Magazine- "Ingenuity- A Students' Space".

Students' Achievement:**List of Merit Students:**

Year	Class	Name of Students	Univ. Rank
2020-2021	MSc. [Computer Software]	1. Ku. Sampada N. Behare	I
		2. Ku. Rutuja R. Diwate	II
		3. Ku. Shraddha K. Sawarkar	II

List of Students Placed:

Name of Students	Program graduated from	Name of the employer with contact details
Divyam Kawadkar	BCA III	Wasser Chemical and Systems Private Limited, Chennai
Yash Dipakrao Deshmukh	BCA III	BYJU'S, Nagpur
Roshan Subhashrao Bakhade	BCA III	Senior Bank Officer-Corporate Salary, Mumbai.
Saloni Baisware	BCA III	LTI/HR
Rutuja Deshmukh	BSc III Computer Science(CS)	Infosys, Pune
Sakshi Charduke	BCA III	Wipro, Bengaluru
Komal Sanjiv Adhau,	BSc III Computer Science(CS)	TCS, Pune
Jay Prakashrao Mohod	BSc. III Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Komal Harishkumar Kashani	BSc. III Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Priyanka Janardan Wagh	BSc. III Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Ashish Ghatol	BSc. III Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Aniket Rajendra Kadu	BSc. III Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Amit Yadav	BSc. III Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)

Asra Hussain	BSc. III Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Krishna Rathi	BSc. III Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Shejal Harihar Thakare	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Navneet Rajendra Ghatale	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Bhagyashrisheshe	BCA	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Pranjali Jivanrao Ingole	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Sandesh Choudhari	BCA	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Rutvik Kulkarni	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Burhanuddin Bohra	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Girish Bhupesh Sharma	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Shreyash Bhashkarrao Mahalle	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Ranjit Khushal Chavhan	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Achal Diliprao Sakarde	BCA	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Aditya Sanjayrao Khule	BCA	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)
Rutuja Santoshrao Deshmukh	BSc. Computer Science(CS)	Qspiders, Training & Placement Unit, TestYantra Software Solutions, Pvt. Limited, Bangalore (Headquarter)

Events Organized during the session 2021-22:

1. 10 hrs Bridge Course for First Year Students in the subject of Computer Science [BCDoCS_21-22]

Department of Computer Science successfully organized the 10 hrs Bridge Course in the subject of Computer Science for newly admitted students of Computer Science. This course is conducted at the beginning of the first semester usually before the commencement of the first semester classes. It is because of the COVID-19 precautions, this course was conducted in online mode. The main objective of the course was to bridge the gap between subjects studied at the Pre-University level and subjects that they would be studying in the Graduation level.

2. "One-Day Workshop on basic Computer Skills for Non-Teaching Staff" On the Occasion of World Computer Literacy Day-2021

The Department of Computer Science has organized a One-Day Workshop on "Basic Computer Skills for all non-teaching staff of Shri Shivaji Science College, Amravati on the occasion of World Computer Literacy Day on 04-December-2021. As we all know computers have become an essential part of life, therefore every employee should have Computer knowledge and should get familiar with the recent basic techniques. The main objective of this workshop was to get basic knowledge and recent techniques of computers to all non-teaching employees of the college so that they can prepare computerized documents and can handle computers easily.

Two teaching faculties i.e. Mr. A. D. Chauhan and Ku. Vaishali Pawade and one non-teaching faculty i.e. Mr. Suresh P. Waghmare from the department of Computer Science were selected as resource persons for the workshop.

3. Webinar on "The Essence of Cloud Technology & Information Security and Opportunities for Graduates"

The Department of Computer Science organized a collaborative activity for students and faculty members i.e. An Online Webinar on "The Essence of Cloud Technology & Information Security and Opportunities for Graduates" in association with the Department of Robotics & Cloud Technology, RTMN University, Nagpur. The webinar is focused on career and job opportunities for final year (UG & PG) students in the Cloud Computing and Information Security domain. The Resource person for the webinar was Mr. Anil Tatode, Training officer, Department of Robotics & Cloud Technology, RTMNU. This Webinar was organized on Wednesday, January 19, 2022.

4. Technotsav-2022

In the Department of Computer Science, the students of B.C.A. have organized an event 'TECHNOTSAV-22' on Wednesday, 13th April 2022 for the U.G. students of the college. Under this event total 05 activities were conducted such as Blind Programming, Online Quiz Competition, Error Detection, Technical Debate, and Seminar Competition under the guidance of all B.C.A. teaching staff.

5. ComSoft-2022

The ComSoft society was formed by P.G. students of Computer Science Department & inaugurated on 20-April-2022 at the hands of Mr. Amit Sawarkar, CEO & HR Manager, Litsbros, Pvt, Limited, Amravati. Mr. Amit Sawarkar gave lecture on "Carrier Opportunities in IT Sector with Recent Technologies" and guided students about various opportunities in IT fields. Also students got aware about various recent technologies. On the occasion of COMSOFT-22, a seminar competition was organized for MSc Software Students.

6. Skill Based Course on "Python and Its Applications in ML"

The department of Computer Science conducted a one-month Skilled based certificate course on "Python and Its Application in ML (Machine Learning)" 2022 from 28/03/2022 to 24/04/2022 in collaboration with **iBaseElectrosoft**, Amravati. This course was designed for PG students of the Department of Computer Science only. The main objective of this course was that students should acquire skills in Python programming so that they can create applications using Machine learning, Data Science, Big Data, etc. Also, students should develop their research interest in this field and should get an **internship and placement** in this field. As the Department of Computer Science collaborated with iBaseElectrosoft therefore we organized this course as a paid course with minimum fees from the student.



DEPARTMENT OF STATISTICS

National Statistics Day- 29th June, 2021:

World famous Statistician Dr. P.C. Mahalanobis' Birth Anniversary was celebrated as **National Statistics Day** at the Departmental level on 29th June 2021. After paying homage to this great statistician, the informative speeches were delivered by Dr. S. V. Choudhari (Head, Department of Statistics), Dr. H. S. Lunge (IQAC Co-ordinator) and Prof. N.S. Makeswar who threw light on the concept of famous metric in the name of Dr P.C. Mahalanobis, "Mahalanobis Distance" popularly called as 'D²'. Dr U.V. Kale proposed the vote of thanks.

Online Certificate Program:

In the digital era, every activity related to digital gadgets is leaving digital footprints behind generating humongous set of data. This data can be leveraged to generate a data-driven decision systems necessary for the smooth working of complex and data-hungry systems of the digital world. In other words, data is like oxygen in the digital era and thus necessary to be learnt and understood. It is also necessary to efficiently handle the data. One should know basics of Statistics to understand data and a Computer programming language to handle any data efficiently. In view of this, the Department of Statistics has started an online certificate program entitled "Descriptive Statistics Using R Language". This year, this course was conducted from 16 August, 2021 to 12th September 2021.

Guest Lectures:

On the occasion of National Science Day Celebratio-2022, a guest lecture of Prof. Dr. Mahendra Mete, Librarian, Shri Shivaji Arts & Commerce College, Amravati was organized by the Department of Statistics on the theme: **“Integrated Approach in Science and Technology for a Sustainable Future”**. Dr. Umesh V. Kale Head of the Department introduced the Guest to the audience. Dr. Mahendra Mete expressed his views on the topic explaining the importance of integrated approach for sustainable future and he also stressed the need of reading good books. The term sustainable future was very well illustrated with various current examples to the audience. Dr. Umesh V. Kale, teaching staff members Mr. Lakhan Vishwakarma, Pooja Ikhe, students of UG classes, & non-teaching staff Mr. R.G. Pawade & Mr. T.N. Borkar were present on the occasion.

Guest Lectures:

Dr. Vishal D. Pajankar, Associate Professor in Statistics at NCERT, New Delhi delivered a Guest Lecture on **"Application of Statistics in Educational Science"**, held in the Department of Statistics of this college on 23rd April, 2022. Dr. Umesh V. Kale, Head, Dept. of Statistics introduced the Guest to the audience. Dr. H.S. Lunge (Former Head, Dept. of Statistics, teaching staff members Mr. Lakhan Vishwakarma, Pooja Ikhe, students of UG classes & non-teaching staff Mr. R.G. Pawade & Mr. T.N. Borkar were present on the occasion.

This session proved to be very much informative and interesting.



Department of Microbiology

I) Guest Lecture:

1. Students' interaction with Dr. Kapil Kamble, Professor, Department of Microbiology from Sant Gadge Baba Amravati University was organised on 29.03.2021 on "Pathogen Fungi current scenario".
2. Students interaction with Punam Barabde Assistant Professor Department of English from Shri Shivaji Science College, Amravati was organised on 01.04.2022 on "Personality Development"
3. Dr. N.V. Phirke Department of Microbiology Sant Gadge Baba Amravati University gave a guest lecture to students on "Opportunities in Microbiology field" in Microbiology Departmental Inaugural Program conducted on 01.04.2020.

II) Educational Visit:

1. Department of Microbiology conducted an Educational visit for students to Water Treatment Plant (Panipurwatha Vibhag) Amravati on 17.12.2021.
2. An Educational visit was organised by Microbiology Department to CIC Laboratory of Shri Shivaji Science College, Amravati for the students of B.Sc. I & II on 30.04.2022
3. Students of CLT course which comes under the department of Microbiology visited Histology Lab of Panjabrao Deshmukh Medical College, Amravati on 07.05.2022

V) Students` Achievements:

1. On National Science Day students of Microbiology Department got consolation prizes at Sant Gadge Baba Amravati University.
2. Miss. Amisha Dahake Student of Final year of Department of Microbiology bagged 2nd Prize of 6000 Rupees at Amravati University level.
3. Ms. Shital Ambekar student of Microbiology B.Sc-III Year bagged 2nd position in the Sant Gadge Baba Amravati University Amravati in 2019-20 examination.



National Science Day Celebration 2022
(26 February to 04 March 2022)
Organized by
Dr. Panjabrao Deshmukh Memorial Science &
Innovation Activity Centre, Amravati

Theme: Integrated approach in S & T for Sustainable Future

On the occasion of National Science Day, one-week celebration Programme was organized at Dr. Panjabrao Deshmukh Memorial Science and Innovation Activity Centre, Amravati in collaboration with Nature & Science Club of Shri Shivaji Science College, Amravati during 26th Feb to 4th March 2022

NSD-2022 Celebration Activity -1

Demonstration of Science Fun Experiments- 26th February 2022

In all about 250 students from three different schools namely Shri Shivaji Multipurpose School, Amravati, Shivaji Maratha High School, Amravati and Kasturba Kanya School, Amravati, participated in the activity. Five groups of 50 students were made. They were allotted to visualize different Experiments of respective subjects including Physics, Chemistry, and Life Sciences. It was twofold activity which was conducted by the UG Students of Shri Shivaji Science College, Amravati for the school children to explore their knowledge of basic concept of science.

At the centre various indoor and outdoor exhibits related to the basic concepts of physics were displayed and demonstrated by UG students to explain the basics principles of Physics. The fun experiments of Chemistry were performed by the UG as well as PG students of Chemistry to widen the knowledge of Chemistry. The description of different pulses was given by Botanical students which helped the students to elaborate the basic concept of metabolism.

The students of UG explained the basic principles of sound, light and sound related with the exhibits that are displayed in the hall as well as in the garden. The experiments performed by the students of chemistry was based on Liquid Nitrogen and explained the amazing fun experiments with liquid nitrogen using balloons, leaves, flowers, pressure cooker etc. The students of biology explained the students how to measure the sugar and oxygen level in human body with the help of instruments.

Objective:

The main objective is to ignite an interest of students in science

- ✓ To inspire students to perform new experiments and make them aware of the latest developments in science and technology.
- ✓ To develop students' interest in the field of science
- ✓ Widely spread a message about the significance of scientific applications in the daily life of the people.

Outcomes:

- ✓ Developed the interest basic sciences.
- ✓ To clear the basic concepts of science and explore the vision of students towards the basic sciences.
- ✓ Developed the curiosity to relate their scientific concepts to day-to-day life activities.

Activity In-charge:

Dr. A.B. Bodade (Physics), MR. A.N. Darsimbe (Botany), Dr. S.P. Ingole (Chemistry), Ms. R.D. Bankar (Chemistry)

Volunteers of the activity

Physics: Ms. Vaidehi Dawande, Ms. Damini Tethe, Ms. Arpita Jichakar, Ms. Maifili Jadhav.

Chemistry: Aniket Jawale, Shreyas Jawke, Mayuresh Wankhade, Vendant Umare

Life Sciences: Ms. Sejal Ingale, Ms. Mansi Maindad, Mayuresh Wankhade, Punam Pasari.

NSD-2022 Celebration Activity -2**Sky Observation through Telescope-27th February 2022**

Sky observation through Telescope this activity was organized on the terrace of Dr. Panjabrao Deshmukh Memorial Science and Innovation Activity Centre, Amravati, at the evening during 6.30 pm to 9.30 pm on 27th Feb, 2022. This activity was arranged to help the students to understand the patterns of Stars, Solar System Galaxy and Universe and to increase the awareness of Astronomy & Astrophysics among the school & college students. Total 100 students from the various schools and colleges participated in the event. Parents also enjoyed the Sky Watching through telescope.

The faculty & students of the department of Physics, Shri Shivaji Science College, Amravati set up the 8 Inch Celestron telescope at the terrace and focuses at the different celestial objects in the Sky. The expert faculties gave information about the various objects and answered the queries of the students regarding these celestial objects. The students & visitors witnessed the beautiful scenery of the Orion Nebulae in the Orion Constellation through telescope.

Objectives:

- ✓ To increase the awareness of Astronomy & Astrophysics among students.
- ✓ To increase the awareness of astronomical events
- ✓ To enhance the knowledge of night sky.
- ✓ To increase technical knowledge of telescope
- ✓ To develop the skill of students in setting the telescope to observe various planets & constellations.

Activity In-charge:

Dr. P.A. Nagpure, Dr. R.G. Deshmukh, Mr. Vikas Punse, Mr. Suraj Chinche

NSD-2022 Celebration Activity -3

C. V. Raman Memorial Lecture- 28th February 2022

Senior Meteorologist Shri Anil Band delivered the C. V. Raman Memorial Lecture. The theme of his lecture was “*Global Warming & Its Effects Climate Change*”. In his lecture he expressed about the various causes for Global Warming and how it is leading to unpredictable changes in climate. For his lecture he has used very simple language and quoted common examples in day-to-day life. He also answered the queries from the audience. Over 200 school and college students were present in the audience. The lecture was arranged in the CV Raman Hall of the Shri Shivaji Science College, Amravati at 12:30 pm. The lecture was also broadcasted live on YouTube.

Activity In-charge:

Dr. S.S. Arsad & Dr. A.N. Darsimbe

NSD-2022 Celebration Activity -4

Forensic Awareness Exhibition- 28th February 2022

Poster exhibition on various topics and key concepts of forensic science was organized at Dr. Panjabrao Deshmukh Memorial Science and Innovation Activity Centre, Amravati. Students of B.Voc. Forensic of Shri Shivaji Science College, Amravati were involved in the presentation. A group of 2-3 students explained their topics using flex, models and hands-on experiments. was prepared. In experimentation detection on alcohol and secret writing was performed and the model of Blood Spatter Analysis was arranged.

A visualization of how different types of cybercrimes/cyberattacks are committed was prepared by final year students. A hit and run demo crime scene was prepared of car accident, by the students of 1st year.

Skit presentation to show the working of black magic and its damages to the society, along with the link to police investigation and later to forensic investigation.

The entire exhibition was conducted successfully and all the students from various schools and colleges along with their parents were visited the exhibition. made aware about the working and functioning of Forensic Science.

NSD-2022 Celebration Activity -5

Online Essay Competition- 01st March 2022

Theme: Integrated Approach in Science & Technology for Sustainable Future

“**Online Essay Competition**” was organized on 01thMarch 2022 during 11. 00 am to 03.00 pm. The theme of essay competition was “**Integrated approach in science and technology for sustainable future.**”

The students were registered for the competition through the google form which was sent well in advance through the Whats App group. 56 students participated in the competition. Out of which twelve essays from the following participants were shortlisted for peer review.

Two participants, one from School level and other from College level were finally selected for prize. Mr. Purnendu Palo, Vijaya School for Excellence, Amravati and Ms. Radhika Gandhare, Shri Shivaji College, Akot were the winners of the competition.

Activity In-charge:

Dr. D.P. Rathod & Dr. P.P. Fartode

NSD-2022 Celebration Activity -6

Know Your Organs- 02nd March 2022

Exhibition: Specimens of Real Preserved Human Organs

“Know Your Organs” an exhibition of the preserved human organs, an activity organized on 2 March, 2022 from 11.00 am - 5.30 pm at Dr. Panjabrao Deshmukh Science and Innovation Activity Centre, Amravati. The activity was organized for the school as well as college students in Amravati.

The activity included the exhibition of various human organs like Brain, heart, Spleen, Stomach, Intestine, Liver, Kidney, Lungs and Human Bones like Femur, Tibia-fibula, Humerus, Radius-Ulna, Cervical vertebrae like Atlas vertebra, Axis vertebra, Thoracic vertebra, Lumbar vertebra, Sacral vertebra and Ribs. Student of Shri Shivaji Science College, Amravati volunteers enthusiastically demonstrated the human organs and bones to the school and college students in a very easy and lucid language. More than 300 visitors including school-college students, parents and teachers visited the exhibition at Science Centre.

Student visitors were included from the schools like Shradhhanand High School, Amravati; Shivaji Maratha Bahu-Uddeshiyya Shala; Kasturba Kanya Shala; Manibai Gujarathi High School, Amravati; Tomoe School, Amravati; Brijlal Biyani College, Amravati; Shri Shivaji Science College, Amravati, etc. Apart from the Educational institutions, individual visitors with family also took the benefit of the human organ exhibition.

Objectives:

- ✓ To educate the student participants as well as public about the inner workings of the human body.
- ✓ Also meant to create interest in and increase knowledge of anatomy and physiology among the public.
- ✓ To show the effects of poor health, good health, and lifestyle choices.

Activity In-charge:

Dr Sujata Kawade (Zoology), Dr Prashant Deshmukh (Botany) and Dr Radhika Deshmukh (Physics).

NSD-2022 Celebration Activity -7

Robotics Workshop-03rd March 2022

It is a collaboration activity organized with “Saprahas Industries, Amravati”. Which is well known for providing effective workshops on Robotics, IoT (Internet of Things), Machine Learning, Embedded Systems, etc.

The intention of this workshop is to train the college & school students with the designing and practical and demonstrations of Robotics.

The students participated in this workshop shown very much interest to gain the knowledge of and enthusiastically performed the task those are demonstrated by technical experts from “Saprahas Industries, Amravati”.

We are thankful to Mr. Harish Ajankar, team leader from “Saprahas Industries, Amravati” who taken very much hard work along with their team for successful execution of this workshop.

Activity In-charge:

Mr. Y. V. Hushare (Computer Science)

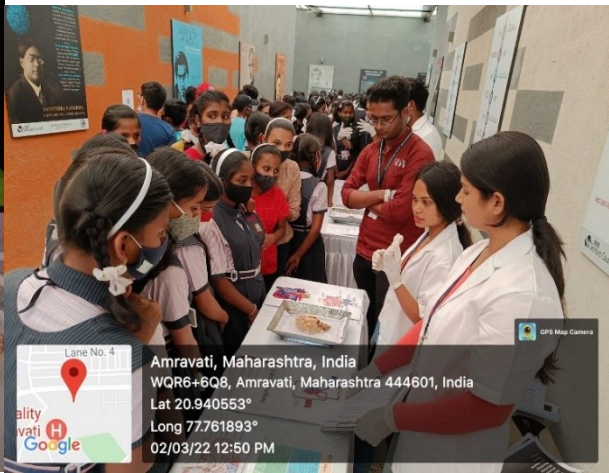
NSD-2022 Celebration Activity -7
Do It Yourself Workshop- 04th March 2022

Workshop “Do it Yourself” based on electronic circuits designing, which was held on dated 4th of March 2022 at Dr. Panjabrao Deshmukh Memorial Science & Innovation Activity Centre Amravati. For this workshop we invited Mr. Harish Ajankar (Manager at Saprahas Industry, Amravati) as a mentor. In all 40 students from the school and colleges were participated in the “Do It Yourself” workshop. At the beginning of the workshop, Mr. Harish Ajankar explained some innovative ideas regarding designing of electronic circuits, later on Students performed their own projects, such as robotic car mobile application, PCB board designing for different circuits. The output of this workshop was very much fruitful. After attending this workshop student are able to design the electronic circuit using IC-555, Capacitor, Resistor and other electronic components.

Activity In-charge:

Dr. N. N. Sarkar (Physics)

Activities at Science Centre



PULSE POLIO CAMPAIGN (28th Feb 2022)

As per the directives of the Union Health Minister Mansukh Mandaviya on Saturday launched Polio National Immunization Day, as part of National Immunization Drive. He administered polio drops to children less than five years old.

The district collector of Amravati District Pavneet Kaur was called the meeting on 4th Jan 2022 about the National Immunization Drive. On 28th Feb 2022, our cadets actively participated in this campaign. The cadets were visited the four to five booth by helping the booth member to maintain discipline, records and awareness among the people. The cadets also gave the pulse polio vaccine to the children.



SWACHH BHARAT ABHIYAN (20th March 2022)

On Sunday 20th March 2022 the cadets of NCC were participated in Swachh Bharat Abhiyan for cleaning of college campus including Balcony of AV theatre, aesthetic garden, canteen and other premises of the college. The 31 cadets were working collectively to cleaned the balcony by using broom, clothes etc. Thereafter garden by collecting dried leaves and litter were collected by the cadets. Almost 70 kg dried leaves and litter were carried out by using garbage cart and dustbin to main tank at the outside of the college. Cadets enthusiastically participated in this campaign for nearly four hours.



Felicitation of cadets

The cadets SUO Tejas Wagmare and JUO Ayush Muley of Shri Shivaji Science College Amravati got prestigious CM scholarship for the session 2020-21 among 20 cadets of Amravati NCC group. The cheque of Rs. 3500/- were handed over to cadets by the Commanding Officer. The principal Dr. G.V. Korpe sir felicitated the cadets by offering the bouquet and appreciates their work in NCC throughout the year.

Samata Doud

On the occasion of the birth anniversary of Mahatma Jyotiba Phule, The Samta Doud was organized by SGB, Amravati University, and Amravati. It should acknowledge the significant contributions of the eminent social reformer Jyotibha Phule who strove earnestly to educate the oppressed sections and should make corrected effort to fulfill his vision for egalitarian society. The NCC cadets from our institute and ANO participated in the SamataDoud-2022. The Doud was started from Panchavati to Irwin square. The Vice Chancellor Dr. Dileep N. Malkhede Sir was the chief guest of Rally.

World No Tobacco Day celebration (31st May 2022)

The rally was organised by the cadets of Shri Shivaji Science College and Manibhai Gujarati High school Amravati on the eve of the World No Tobacco day. The rally begins from Shri Shivaji Science College to the panchavati square.

The cadet shouted the slogan throughout the rally "Ham Sabka Yahi Sapna Nasha Mukh Ho Desh Apna"

The cadets enthusiastically spread awareness amongst various peoples and the small pan shops against this tobacco and inform them the drawbacks and its adverse effects on the body. Small pan shop owner were informed not to sell any tobacco containing item to the youth which is in their age group 14 to 18 years.

Around 40 cadets along with ANO Capt. Dr. N. H. Bansod and CTO A.K.Seta participated in a rally.

International Yoga Day (21st June 2022)

The 7th International Yoga Day (IYD-22) has been jointly celebrated by the cadets of Shri Shivaji Science College and Vidya Bharati Mahavidyalaya Amravati. The Yoga day begin with the protocol of Ayush Mantralaya, the cadets perform the various yoga mudras, yogasan and Pranayam. On this occasion the teaching staff, civil staff and ANOs participated in International Yoga Day. The yoga instructor was gave details about the yogasan and their benefit on our body. The slogan was shouted by the entire participant at the end of program "Karo Yog raho Nirog". At the last refreshment was distributed to cadets.

Puneet Sagar Abhiyan (9th June 2022)

The cadet the NCC cadets of Shri Shivaji Science college and Vidya Bharti College Amravati has jointly organised the Puneet Sagar campaign at Chhatri talav Amravati. The cadets collected the plastic, water bottles and other garbage nearby lake. In this Campaign captain NH Bansod address the cadets about the responsibility of the cadet to clean the water bodies from plastic and other garbage. In this campaign nearly 40 cadets actively participated.

I) Guest Lectures:

1. Dr. S.D.Patil , Head Dept. of Microbiology and Biotechnology from Shri Shivaji Science College, Amravati delivered a lecture on “Scope and Opportunities in Biotechnology”. It was organised on 06.04.2022.

2. Mr. N. A. Ingole, Department of Biotechnology from Agricultural Biotechnology College, Amravati, delivered a guest lecture to students on “Animal Cell Lines” on the occasion of Inaugural Program in the Biotechnology Department. It was conducted on 06.04.2020.

II) Educational Visits:

1. Departmental of Biotechnology also conducted the Educational Visit for students at Water Treatment Plant (Panipurwatha Vibhag) Amravati on 18.12.2021.

2. Educational visit was also organised by the Biotechnology Department to Central Instrumentation Cell (CIC) of Shri Shivaji Science College, Amravati for the students of B.Sc II year on 22.04.2022

3. Students of CLT course which comes under the department of Microbiology visited Histology Lab of Panjabrao Deshmukh Medical College, Amravati on 07.05.2022

III) Departmental Visits:

1. Students of ‘Sarswati Mahavidyalaya Nursing College’ visited to the Department of Microbiology and Biotechnology on 03.12.2021. B.Sc III students gave a detailed information on each instrument to the nursing college students.

2. Workshop on Hands on Training was organised by the Department of Microbiology and Biotechnology for the students of ‘Sarswati Mahavidyalay Nursing College’ on 04.12.2022 and 05.12.2022.

V) Students Achievements:

1. Ms. Nilima Raut, student of B.Sc-III bagged IIIrd position in the Sant Gadge Baba Amravati University, Amravati in 2019-20 examination.

2. Ms. Nilima Raut bagged Gold medal as subject topper in Biotechnology sponsored in the name of Late. Shobhatai Nanashaeb Kadu for 2019-20 examination

VII) Sponsor of the Gold medal:

The Gold medal for the subject topper in Biotechnology from college was sponsored in the name of Late Shobhatai Nanashaeb Kadu from 2020-21.

Department of Mathematics

Mathematics Day Celebration

The Department of Mathematics organised a National Mathematics Day on 22nd December 2021. On this occasion, a farewell ceremony of Dr. V. M. Raut and the Inauguration of PG Mathematical Society 2021-22 was also organised.

The Principal of the college, Dr. G.V. Korpe chaired the programme and Dr. V.M.Raut was the Chief Guest. IQAC Coordinator Dr. H.S.Lunge and Head of the Mathematics department Mr. U.M.Patil attended the programme.

The P.G. Coordinator Dr.V.J.Gaikwad explained the important role of Dr. Ramanujan in the field of Mathematics, and the importance of Mathematical Society for the students. The department of Mathematics felicitated Dr.V.M.Raut at the hands of Prin. Dr.G.V.Korpe for his appointment as a Principal of Shri Shivaji Education College Amravati. Ms. Saiyyoni Shirbhate and Mr. Ankush Jewade delivered the speech explaining the research area of great mathematician Ramanujan sir.

Prin. Dr. G.V.Korpe inaugurated the PG Mathematical Society and addressed the students for their bright future. Dr.H.S.Lunge guided the students through his inspirational speech.



Academics Merits in SGBAU Examinations: Summer-2020

- Shri Shunham Sanjayrao Hatekar secured 3rd rank in the Bachelor of Computer Application SGBAU Summer-2020 examination.
- Shri Prathmesh Sunit Futane secured 7th rank in the Bachelor of Computer Application SGBAU Summer-2020 examination.
- Ku. Shital Padmakarrao Ambekar secured 2nd rank in the Bachelor of Science SGBAU Summer-2020 examination.
- Ku. Nilima Pundlikrao Raut secured 3rd rank in the Bachelor of Science SGBAU Summer-2020 examination.
- Ku. Anjali Vyankatrao Dahiwalde bagged Three Gold Medals and One Silver Medal in Physics and secured 5th rank in the Bachelor of Science SGBAU Summer-2020 examination.

Superannuation of Faculty & Staff

- **Smt L.R Vigne**, retired on 31st March, 2021. She served as a peon for about 27 years in this institute.
- **Shri T. P Chandekar**, retired on 30th March, 2021 He served as an Attendant in the Department of Chemistry of this institute for about 40 years.
- **Dr. V.G Thakare**, retired as a Principal on 30th June, 2020 from this Institute. He served as an Associate Professor in the Department of Chemistry for about 26 years and from the 1st February, 2007, successfully shouldered the responsibility of the Principal of this college. He served about 40 years in this institute
- **Dr. S.V Chaudhari**, retired on 31st August, 2021 as the Head of the Department of Statistics. He served in this Institute for about 33 years as an Associate Professor.
- **Shri B.D Ramekar**, retired on 30th November, 2021. He served in this institute as a peon for about 26 years.

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