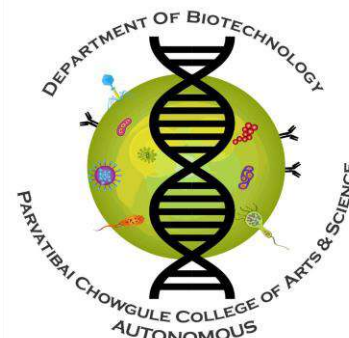




BIOBYTES



DEPARTMENT OF BIOTECHNOLOGY Parvatibai Chowgule College of Arts & Science, Autonomous

VOLUME 12, ISSUE 1

DECEMBER 2021

HIGHLIGHTS

- ❑ Introduction to New Faculty
- ❑ Guest lecture on 'Breathing through the lungs of the earth'
- ❑ Alumni talk series on 'My career journey in Biotechnology'
- ❑ Welcome function for Biotechnology Freshers of 2021!
- ❑ Biochrome Club activities of 2021-22

CONTENTS

- ❑ New Faculty.....2
- ❑ Faculty and Student activities...2 - 6
- ❑ Welcome to the Freshers.....7
- ❑ Departmental activities.....7 - 9
- ❑ Biochrome Activities.....9

EDITORIAL

Welcome to the first newsletter for the Department of Biotechnology – “Bio-bytes” for the academic year 2021-2022.

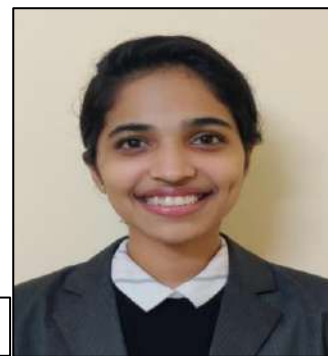
Our department is credited with 96% pass results in 2020 with outstanding grades. Happy to share that they have now moved on for pursuing further education of Masters in Biotechnology at various institutions such as Vellore Institute of Technology, KLE's Deemed University, Symbiosis Institute of Technology, Pune and Goa University.

In this issue we bring to you all the events held in our department from September - December 2021. We share with you the glimpses of the student's achievement, faculty participation in various events and various activities conducted in the department. We hope this issue will help you keep connected with the department.

Also do not skip out on the interesting section that enlists the various fun and informative activities conducted by our very own Biotechnology club - "Biochrome". Happy reading!!

- By, Dr. R. Kanchana, Faculty in Department of Biotechnology

Department of Biotechnology welcomes Ms. Marissa Coelho, M.Sc. Biotechnology from Goa University having a teaching experience has joined as an Assistant Professor in the Dept. of Biotechnology from the academic year 2021-22.



Picture showing Ms. Marissa Coelho

FACULTY ACTIVITIES

1. Dr. Starlaine Mascarenhas, Assistant Professor and In-charge of Biotechnology department participated in the following;
 - ❖ National webinar on "Scope of Wildlife Biology" held on 12th August 2021 organized by the Department of Zoology, Dhempe College of Arts and Science, Miramar, Farmagudi, Ponda Goa
 - ❖ Successfully completed two days International Workshop entitled "3rd Australian Bioprinting workshop for Tissue Engineering and Regenerative Medicine" organized by Faculty of Engineering and Information Technology – School of Biomedical Engineering, The University of Sydney, Australia from 4th to 5th October 2021.
 - ❖ Completed a 'DST and ACS' organized International workshop entitled "Virtual workshop on scholarly publishing, peer review, ethics, plagiarism, science communication and careers" held on 22nd October 2021.
 - ❖ Successfully completed a five days AICTE Training and Learning (ATAL) Academy online sponsored Faculty Development Programme (FDP) on "Recent Development in Food Processing" from 25th to 29th October 2021 at Rastreeya Vidyalaya College of Engineering, Bangalore, Karnataka, India.
 - ❖ '27th International conference on Interdisciplinary Research in Biomedical Sciences – CONIAPS XXVII organised by Amity Institute of Molecular Medicine & Stem Cell Research (AIMMSCR) and Amity Institute of Applied Sciences (AIAS), Amity University Uttar Pradesh (AUUP), Noida in association with International Academy of physical Sciences (AIPS), Prayagraj conducted from 26th to 28th October 2021.
 - ❖ Successfully completed a five days DST-SERB sponsored Karyashala, High-End International Workshop on "Technologies for Increasing Shelf-Life of Perishable Foods" organized by Department of Food Process Engineering, National Institute of Technology, Rourkela, Odisha conducted from 13th to 17th December 2021.

2. Dr. R. Kanchana and Ms. Madhavi M. Motankar, Faculty in the Department of Biotechnology participated in One Day National Level Workshop on Importance of IPR “Patent Processing & Role of Patent Agent” organised by Goa State Council for Science and Technology Saligao, Goa in association with VVM’s Govind Ramnath Kare College of Law, Margao Goa in technical collaboration with the Technology Information Forecasting and Assessment Council, New Delhi on 23rd December 2021 at Ganesh Daijnya Auditorium VVM’s Govind Ramnath Kare College of Law, Margao.
3. Dr. R. Kanchana and Ms. Madhavi M. Motankar as the Members of Institution’s Innovation Council of Parvatibai Chowgule College and as a part of the IICs First Quarter activity organized a Webinar on ‘My Story – Motivational Session by Successful Start-up Founder’ on 17th December 2021 through Google Meet link – meet.google.com/buh-qkdc-dus with objective to inculcate the Entrepreneurship Skills amongst students to become a successful entrepreneur through innovation. Also, a talk on ‘Intellectual Property Awareness’ by Resource person Mr. Arpit Jain, Examiner of Patents and Designs, Patent Office, Mumbai, Government of India was organized on 20th December 2021 at Parvatibai Chowgule College of Arts and Science Margao Goa as a part of the Institutional Innovation Council’s activity.
4. Also, Dr. R. Kanchana and Ms. Madhavi M. Motankar participated in Webinar on ‘Identify, Protect, Commercialize your ideas & innovations held on 7th January 2022.
5. Ms. Madhavi M. Motankar participated and secured a score of 86% in the ‘Know Your Goa Quiz’ organized by the Department of Library and Information Science at Parvatibai Chowgule College of Arts and Science Autonomous Gogol, Margao Goa.
6. Ms. Hashma Mujawar, Assistant Professor in Department of Biotechnology was the Resource person for a Webinar on the ‘My Story – Motivational Session by Start-up Co-founder of Mushroom Connect’ on 17th December 2021 through Google Meet. She shared her own experiences of how she started her journey by following her passion to create awareness about the nutrient value of mushroom and narrated about how to identify ideas for start-ups, how to arrange funds, develop enterprises to earn profits ensuring sustainability of businesses in the long run.

- By, Ms. Madhavi M. Motankar, Faculty in Department of Biotechnology

FACULTY ACHIEVEMENTS

The times of India group organised the 'Times Entrepreneurs of Goa 2021' on 23rd December 2021, for felicitating enterprising entrepreneurs. Dr. Aduja Naik Assistant Professor in Department of Biochemistry and Miss Hashma Mujawar Assistant Professor in Department of Biotechnology were amongst the 27 entrepreneurs. The chief guest of the event was Mr Mangursh Pai Raiker, first generation entrepreneur himself and a National Awardee of Excellence in Entrepreneurship in 1988. The event was held at Alila Diwa Goa, was presented by the Directorate of Information and Publicity, Government of Goa.



Ms. Hashma Mujawar and Dr. Aduja Naik being awarded trophy for the Times Entrepreneurs of Goa 2021

STUDENTS ACTIVITIES

1. T.Y.B.Sc. Biotechnology student, Ms. Samradni Paigankar, President of Culinary club organised 'Fruit and Vegetable Carving Competition' for Hype Stories of Fun Fest on 21st December 2021 at Biotechnology Department wherein the students from the Departments of Geology, Geography, English, Biotechnology, Zoology & Psychology participated. TYBSc and FYBSc Biotechnology students respectively, Ms. Sakshi Gowda and Ms. Suneha Bhongle bagged third prize in the competition.

- By, Ms. Madhavi M. Motankar Faculty in Department of Biotechnology

2. Ms. Swati Mishra Third year B.Sc. Biotechnology student's achievements are as follows; Nehru Yuva Kendra, South Goa district organised Declamation Contests (2021-22) on "Patriotism and Nation Building" with the theme of Sabka Saath, Sabka Vikas, Sabka Vishwas, Sabka Prayas (Together We Grow, Together We Prosper, Together We Try, Together We Build A Strong And Inclusive India) The aim of Nationwide Declamation Contest is to provide youth an opportunity to exhibit their presentation skills and leadership quality on one hand and create a mass sustainable mobilization of the youth and engage them in meaningful Nation Building activities held at Block, District, State and National level.

From the month of 20th October, 2021 to 20th November, 2021 for Block level, from 21st November, 2021 to 15th December, 2021 for District level and from 16th December, 2021 to 10th January, 2022 for State level. She has bagged various prizes as mentioned below.

a) Block Level – Screening Contests without prizes

b) District Level -1st Prize: Rs. 5,000/-, 2nd Prize: Rs. 2,000/-, 3rd Prize: Rs. 1,000/-

c) State Level - 1st Prize: Rs. 25,000/-, 2nd Prize: 10,000/-, 3rd Prize: 5,000/-

d) National Level – 1st Prize: Rs.2,00,000/-, 2nd Prize:Rs.1,00,000/-and 3rd Prize: Rs.50,000/-

e) Consolation Prizes of Rs. 10,000/- each for all participants at National level except 1st, 2nd and 3rd Prize winner of National level. – By, Dr. R. Kanchana Faculty in Dept. of Biotechnology



महफिल-ए-मुशायरा

MUNAWWAR RANA
Chief Guest

SWATI MISHRA
Performer

PARVEZ AHMAD
Special Guest

SATURDAY 3RD JULY | TIME : 8 PM | VENUE : ZOOM

Third year B.Sc. Biotechnology student's; Mr. Ankit Anuroop Naik, Mr. Sahil Sanjay Chawan, Mr. Prathamesh Pundalik Shetgaonkar, Ms. Swati Mishra, Ms. Arya Raju Naik, Ms. Pranali Pravin Waghcchoure, Ms. Fizza Muskan Aboobkar, Ms. Samradni Rohit Paigankar participated as Volunteers in India International Science Festival (IISF) from 10th to 13th December 2021 held at Kala Academy Panaji, Goa. IISF is an initiative of Ministry of Science and Technology and Ministry of Earth Science of Government of India in association with Vijnana Bharati which is a science movement with swadeshi spirit lead by eminent scientists of the country. The student volunteers gained immense knowledge and experience and enjoyed tirelessly working during the IISF Expo 2021 wherein the theme was "Celebrating Creativity in Science, Technology and Innovation for Prosperous India".

- By, Dr. R. Kanchana Faculty in Dept. of Biotechnology



Picture showing Third year B.Sc. Biotechnology student volunteers participating in IISF Expo 2021

Twenty Second year B.Sc. Biotechnology students attended a talk on 'Intellectual Property Awareness' on 20th December 2021 wherein Mr. Arpit Jain, Examiner of Patents Designs, Patent Office, Mumbai, Government of India was the resource person.



Picture showing Second year B.Sc. Biotechnology students participating in IPR Awareness talk

Picture showing various prize winners 'Fruit and Vegetable Carving' conducted by Culinary club



Welcome to the Biotechnology Freshers 2021 on the theme NETFLIX

Welcome function for freshers, First year B.Sc. Biotechnology students was organized by the enthusiastic Second and Third year B.Sc. Biotechnology students on the theme NETFLIX on 22nd December 2021 in the lower auditorium. It was indeed an ice breaking session for the first year B.Sc. Biotechnology freshers and enjoyed the get together as evident from the below shown picture of the event with happy faces!




Picture showing B.Sc. Biotechnology students and faculty for the Welcome function for Freshers party

The Mentor Mentee Meet for B.Sc. Biotechnology students was conducted on 26th November 2021 to resolve their issues and motivate them towards career goals.


Guest lecture on 'Breathing through the lungs of the earth'

A guest lecture on Oceanic phytoplankton titled 'Breathing through the lungs of the earth' by Dr. Ravidas Naik, Project Scientist 'C' at National Centre for Polar and Ocean Research, Ministry of Earth Sciences, Govt of India, Goa was conducted through google meet on 28th October 2021. The students were thrilled with the resourceful presentation and enjoyed the fruitful interactive session.




Parvatibai Chowgule College of Arts and Science Autonomous
Gogol, Margao Goa
Department of Biotechnology
Organizes a Guest lecture on Oceanic phytoplankton
'Breathing through the lungs of the earth'
by, **Dr. Ravidas Krishna Naik**

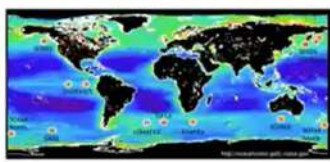
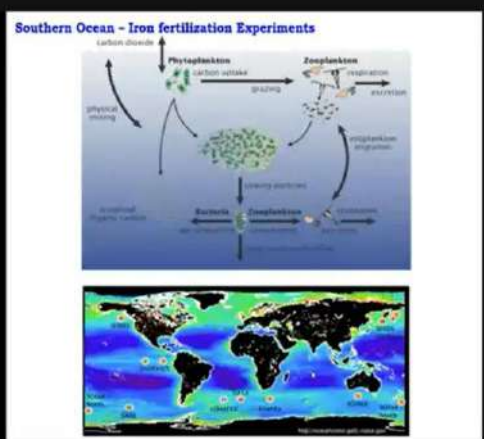
Ph.D. in Marine Sciences at NIO, Goa
Project Scientist 'C' at NCPOR
National Centre for Polar and Ocean
Research, Ministry of Earth Sciences,
Govt of India




Join us on **Thursday, 28th October**
2021 at 10:30 am through
Google meet link;
meet.google.com/mqg-oevw-njy

<https://www.linkedin.com/in/dr-ravi-naik-38335a2/>







Alumni talk series on 'My career journey in Biotechnology'

Alumni talk series were conducted for experience sharing and guidance for the Biotechnologists in the making by the following proud alumni of our department;

1. Ms. Tanvi Santosh Matonkar Masters in Food Science and Bio-engineering from ISA Lille, France presently working as Data Research Consultant, Mondra UK on 30th October 2021.
2. Ms. Jayashree Sanzgiri MSc. Molecular Medicine, University of Sheffield in United Kingdom on 20th November 2021.
3. Ms. Rhea Shailesh Patel Masters in Biochemistry from Goa University, Goa presently pursuing PhD in Nanotechnology at Indian Institute of Technology, Bombay on 13th November 2021. - By, Ms. Madhavi M. Motankar Assistant Professor in Biotechnology

DEPARTMENTAL ACTIVITIES

The collage making competition was organized for students on the topic “60 years of Goa’s liberation” on 23rd December 2021. This event was organized to spread the awareness about Goa's freedom struggle and liberation. Also, to understand how Goa has developed over 60 years since liberation. Students from first, second and third year Biotechnology participated and proceeded with an interactive session between the judges and the students. – By. Hashma Mujawar Assistant Professor in Biotechnology

Picture showing Collage made by students on 60 years of Goa’s liberation



Biochrome - Biotechnology Club activities

Biochrome – Biotechnology club organizes various fun loving activities and nominated the following class representatives on 29th September 2021 for 2021-22;

- ❖ Third year BSc. Biotechnology - Mr. Stanford Lloyd Fernandes,
- ❖ Second year B.Sc. Biotechnology - Ms. Verlee Simreen Silva
- ❖ First year B.Sc. Biotechnology - Ms. Dhiti S. Lotlikar

Biochrome activities that have been conducted this academic year are as follows; Biotechnology Painting/Art on the theme "Role of Biotechnology in Environmental Clean-up" on 16th October 2021; Biotechnology Scientoon Competition on 20th November 2021; Essay writing competition on 18th December 2021 and Innovation photography competition on 15th January 2022.

- By, Ms. Madhavi M. Motankar Assistant Professor in Department of Biotechnology

Editor: Dr. R Kanchana & Ms. Madhavi M Motankar, Faculty in the Department of Biotechnology

Reports and pictures of the activities contributed by Students of the Department of Biotechnology: Ms. Swati Mshra, Ms. Samradhi Paigankar, Mr. Ankit Naik, Mr. Prathamesh Shetgaonkar & Faculty of the Department of Biotechnology: Dr. R Kanchana, Ms. Madhavi M Motankar, Ms. Marissa Coelho, Ms. Hashma Mujawar & Dr. Startaine Mascarenhas