

विद्या

ANNUAL COLLEGE MAGAZINE
2020-2021



PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE
AUTONOMOUS
MARGAO - GOA

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ANNUAL COLLEGE MAGAZINE 2020-2021

Vol. No.: LIX

VISION

"To be among global leaders in imparting relevant education to highest standards in a disciplined and conducive environment"

Mission

"To continue to be pioneer of change using cutting edge education inputs and technology, providing equal opportunities to all and inculcating social and moral values that will transform society and nation at large"

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From the Editor's Desk

'Undaunted' the essence of the human spirit. The spirit of rising up every time we've been knocked down by time, experiences or circumstances...the spirit of helping others rise up during the pandemic.

'Undaunted' reminds me of courage along with kindness. The fine quality of showing kindness to others even when fighting your own battles. It takes courage to rise up from the ashes and it also takes courage to uplift others. We truly rise by lifting others. To me, these are the values that embody the true undaunted spirit. The core of humanity that makes us 'humane'.



History gives us exceptional examples of undaunted courage shown in the face of overwhelming odds and danger. Holocaust survivors stand a testimony to this undaunted spirit; however, it was not just their courage in the face of adversity that made them heroes, it was their desire to uplift others through their pain. They told and re-told, lived and re-lived their experiences, enduring pain time and again through each recounted memory, just so that fellow humans would rise above and not be inhuman again. To them, it did not merely imply being unshaken or unbroken in the face of their adversity, it meant taking one's pain and courage in adversity to a level where others feel inspired to battle their own demons.

This edition of the magazine is dedicated to all those who have shown courage in adversity and to those who have shown kindness amidst their own struggles. The world is in dire need of people, who prove that no matter what happens, courage and kindness will always be the essence of the undaunted human spirit.

This edition of the magazine is also dedicated to 'us teachers' who during times of overwhelming odds, went beyond our call of duty and stood there for our students. Undaunted by the fact that we had our own battles to fight, battles of uncertainty amidst the chaos, fear of the unknown, experiences of loved ones lost or almost being lost, keeping our loved ones safe.

'Undaunted' also reminds me of the battles some of us fought, the mind being the battlefield, burnout being the battle. To those of us who have been through it all and still stand tall, we have exemplified the true spirit. And...if these words resonate with you, 'Undaunted' is dedicated to YOU!

Vanessa Barros Colaço
Editor (2020-21)

THANK YOU !

Undaunted by the challenges, the Editorial team egged on to see to the completion of the task at hand. My heartfelt thanks to my team members for sharing this undaunted spirit. A note of appreciation and thanks to Officiating Principal Dr. Ananya Das for providing her invaluable support towards the work of the magazine.

Principal's Report for Vidya Magazine

*“Keep your face always toward the sunshine,
and shadows will fall behind you.”*

- Walt Whitman



Greetings from the Principal's Desk,

While the pandemic has adversely affected many of us, it has also provided a blank canvas to the students and the faculty who have aptly splashed colours of innovation and creativity on it, whilst exhibiting indefatigable enthusiasm. Chowgule College continues to be a pioneer of change in the field of education and remains undeterred in transforming society and the nation, as envisaged in our Mission Statement.

In the month of May, as India was grappling with the reality and large-scale devastation of human life, Goa was one of the worst hit. In view of the prevailing Covid-19 Pandemic situation, our college participated in various initiatives undertaken by the Government of Goa to curb the spread of Covid-19. A Call Centre for Covid-19 Home Isolation patients was set up in the college campus. Officiating Principal, Dr Shaila Ghanti and Vice-Principal, Shri. H.S.S. Nadkarni were appointed as Nodal and Sub-Nodal Officers respectively. Three of our teaching staff members Prof. Nandkumar Sawant, Dr. Nandini Vaz and Dr. Sonia da Costa were Hospital Coordinators for Covid Bed Management during the pandemic.

The global COVID-19 pandemic has revolutionized the education system and forced profound changes in the teaching-learning process. The institute's Writing Centre and the Career & Personal Counselling Centre that aims to look at the faculty as well as students' various needs provided much-needed support in this chaotic and competitive time to the students. College

Counsellors, Ms. Prianka Sardinha and Ms. Pooja Parab were appointed as Counsellors for Royal Hospital, Aquem, Margao, Mothercare Hospital, Margao and Classic Hospital, Margao, for providing 'telecounselling' to COVID-19 Positive patients and their attendants. A war room was set up in the college campus for the same.

When the chaos of the pandemic set in motion, our faculty remained undeterred. We were able to excel immensely and execute teaching and other pertinent activities flawlessly. I congratulate all the staff and students for valiantly facing the challenges posed to Teaching-Learning and Evaluation in these testing times. I deeply appreciate every student and faculty member of this institute who shared the joy of organizing and participating in co-curricular and extracurricular activities while still being staunchly committed to the goals of the curriculum. Thus, our vision to be among the global leaders in imparting relevant education of the highest standards, endures.

Vidya, our college magazine, is a platform not only for the students to showcase their creativity and talent but also to appreciate students, faculty, and our beloved institute for its achievements. Hence, being an Autonomous institute, it is an immense honour and proud privilege for us to be the only college in Goa to be selected as a Mentor Institute under the Mentor-Mentee Program of the Ministry of Education's Innovation Cell (MIC). Our college has also been categorized as a 'Band A' Institution in the government-aided section in the Ministry of Education's Atal Ranking of Institutions on Innovation Achievement (ARIIA) initiative, 2020.

As if that were not enough, we have also been bestowed with the honour of being selected by DBT, Government of India under its 'Science Sethu Programme' to be mentored by International Centre for Genetic Engineering and Biotechnology (ICGEB), thanks to the coordination of Dr. Nandini Vaz Fernandes, Dean, Faculty of Life Sciences.

It is after all the teachers who shape our educational path. Hence, it gives me immense pleasure to congratulate Mrs. Aisha Shaik, Assistant Professor from the Department of Geography for being awarded the "Nation Builder Award" by Rotary India Literacy Mission in December

2020. I applaud Mr. Mahesh P. Matha, Assistant Professor, M.Sc (IT), for authoring a book titled "Core Python - A Comprehensive Study". I am also proud to announce that Ms. Tanya Keni, Assistant Professor, Department of Psychology, has been granted admission for her Doctoral Studies in Psychology at the Bremen International Graduate School of Social Sciences at the University of Bremen and Jacobs University, Bremen, Germany.

I also congratulate Prof. Nandkumar N. Sawant and Ph.D. Scholar, Mr. Rahul Pillai who have been granted with Collaborative Research funded by the European Commission with collaborators like University of La Reunion, University of Mauritius, University of Zanzibar, University of Dar-e-Salam & University of Pondicherry. I commend Dr. Aduja Naik and Asst. Prof. Ms. Hashma Mujawar for founding a startup within college called M/s. Mushroom Connect.

Our students are after-all the undeniable strength of our college. We strive to work hard for their benefit. It is thus a very rewarding feeling when students excel in all their endeavours. I would hence like to share some of the laurels won by students during the pandemic: Miss Shreya Subhash Naik, Miss Shreya Pai and Master Ashish Kumar from TYBSc Zoology, were awarded as "HI-POTENTIAL" Student Innovators under the competition "Parivartan Karo Na."

All our students have performed exceptionally well in intercollegiate events and sports activities bringing great pride and delight to the college, thus proving the utmost importance given to holistic development of individuals by our institution.

Keeping in mind our institute's Core Values of Honesty, Integrity, Moral and Social Responsibility, along with the goal of being Life-long Learners, we should keep moving forward, and not let the pandemic stop us from achieving our full potential. We should strive to stay positive, strong, and resilient!

Dr. Shaila R. Ghanti
Officiating Principal

Congratulations!!

We congratulate
Professor (Dr.) Nandakumar Sawant and Professor (Dr.) Sangeeta Sankhalkar
for their promotion to academic rank of Professor.



Professor (Dr.) Nandakumar Sawant



Professor (Dr.) Sangeeta Sankhalkar

ENDOWMENT PRIZES

PALKAR SWETA SHASHIKANT

(82.33%)

Dr. S. S. Phadke Prize (Konkani)

BENTO FERNANDES

(89 %)

Shr. R.S. Rao Prize for securing Highest Marks at X11 exam and joining B.Sc. with Mathematics as one of the subjects

OM PRAKASH

(95.40 %)

Shri R. S. Rao prize for securing highest marks in mathematics at B.Sc. Final exam

DESAI SHANTADURGA RAJEEV

(93.77 %)

Prof. Devidas Jaiwant Malkarnekar Memorial prize (Physics)

ALIKATE SALMA M.

(69.33 %)

Ms. Pratima Naik Memorial prize for B. A. Final Highest in Geography

GAUNKER SOULAKSHI SANTOSH

(78.1 %)

Ms. Pratima Naik Memorial Prize (M.A. In Geography)

BIDOKUNDI SANGEETA BASURAJ

(90.55%)

Shri. Raghunath and Smt. Laxmibai Raghunath Nagwekar Memorial prize for highest aggregate marks in Chemistry

Ms. SOULAKSHI SANTOSH GAUNKER

(78.1%)

Late Afroz Sheikh Memorial Scholarship (Geography)

SEQUEIRA NIKITA

(87.77%)

Dr K.U.Rao Prize Securing Max Marks in English (Single Major)

LUKE BOSSUET SEQUEIRA VAZ

(80.38%)

Physics Department Prize



SCHOLARSHIPS

Second Term Government Scholarships (Term II) 2020-2021

F. Y. B. A. (Semester I) Academic Year 2020-21

Roll No.	NAME	Marks
AU200055	LENZIE VALLANKA REBELO	91.27%
AU200033	SMRITI SANDEEP TAMANKAR	90.55%
AU200065	TERENCE ROSARIO PANTALEAO	89.64%

F. Y. B. Sc. (Semester I) Academic Year 2020-2021

Roll No.	NAME	Marks
SU200193	KAMYA RAJESH KARDE	92.67%
SU200209	SEJAL UDAY LOTLIKER	92.44%
SU200131	COLACO CASSIUS ANTHONY	89.56%

S. Y. B. A. (Semester III) Academic Year 2020-2021

Roll No.	NAME	Marks
AU190021	RYLE FAUSTINO SOUTO	94.60%
AU190138	SABRIN SIDDIQ SHAIKH	90.80%
AU190064	SALOME FERNANDES	89.80%

S.Y. B. Sc (Semester III) Academic Year 2020-2021

Roll No.	NAME	Marks
SU190158	SIDDHI DEELIP NAIK	94.60%
SU190272	MAHALAXMI RAMACHANDRA BHAT	93.00%
SU190020	SHANAIA SANSEYA DA COSTA	92.80%

T. Y. B. A. (Semester V) Academic Year 2020-2021

Roll No.	NAME	Marks
AU180134	WARRIER RAMYA MOHAN	97.20%
AU180181	PAI DUKLE NEHA ASHESH	93.60%
AU180009	FERNANDES ROSANNE DITOSA	92.40%

T.Y. B. Sc (Semester V) Academic Year 2020-2021

Roll No.	NAME	Marks
SU180405	R RAKSHITH VAMSI	92.80%
SU180399	RODRIGUES BRENDON ERNEST	89.40%
SU180171	SHIRODKAR SIDDHI SHRIPAD	88.60%

First Term Government Scholarships (Term I) 2020-2021**F. Y. B. A. (XII Arts) Academic Year 2019-2020**

Roll No.	NAME	Marks
AU200095	SRISHA GAURISH SAKHARDANDE	96.00%
AU200122	NIDHI RAJENDRA NAIK	95.00%
AU200017	VAISHNAVI PRADEEP KUMAR	94.5%

F. Y. B. Sc. (XII Science) Academic Year 2019-2020

Roll No.	NAME	Marks
SU200209	SEJAL UDAY LOTLIKER	91%
SU200087	APOORVA ABHAY PIMPRIKAR	86%
SU200232	M RUVEEN	85.2%

S. Y. B. A. (F. Y. B.A. Semester II) Academic Year 2019-2020

Roll No.	NAME	Marks
AU190144	CHINMAYI SUDHIR SARSOLKAR	89.33%
AU190050	SAKSHI YESHWANT NAIK	87.78%
AU190155	VISHWANEE ARVIND PADIYAR	87.64%

S.Y. B. Sc (F.Y.B.Sc. Semester II) Academic Year 2019-2020

Roll No.	NAME	Marks
AU200095	HRISHIKESH SAINATH CHANEKAR	91.64%
AU200122	SANGEETHA JAYACHANDREN	88.91%
AU200017	MELIZA MARIA SOUZA	88.73%

T. Y. B. A. (S. Y. B. A. Semester IV) Academic Year 2019-2020

Roll No.	NAME	Marks
AU180134	WARRIER RAMYA MOHAN	95.67%
AU180181	PAI DUKLE NEHA ASHESH	94.80%
AU180217	PARANJAPE DARSHANA HARI	91.00%

T.Y. B. Sc (S.Y. Bsc. Semester IV) Academic Year 2019-2020

Roll No.	NAME	Marks
SU180033	MASCARENHAS SIDNEY STANLEY	94.80%
SU180025	FERNANDES MIFRON	93.50%
SU180092	MANDREKAR TANVESH SANDIP	93.20%

Blue Cross Fellowship 2020-21

Sr No.	Name of the Student	%	FY
1	Sejal Uday Lotliker	91	FYBSc
2	Indira Shailendra Sanzgiri	95	FYBSc
3	Sarah Andrea Lobo	88.7	FYBA
4	Kim Chelsea Caeiro	83.5	FYBSc
5	Chandrika Chittem	85.67	FYBA

Sr No.	Name of the Student	% of SY
1	Pranita Ravi Khanolkar	Sem 1 - 68% Sem 2 - 72.54 %
2	Fatima Myrian Barreto	Sem 1 - 82.66% Sem 2 - 84.72 %
3	Beverly Almeida	Sem 1 - 71.77% Sem 2 - 80.18%
4	Mayuri Verlekar	Sem 1 - 72.66% Sem 2 - 79.09%
5	Clarisa Gonsalves	Sem 1 - 72% Sem 2 - 78.54%
6	Pooja Bisht	Sem 1 - 89.63% Sem 2 - 85.63%



AN ODE TO *Ms. Neeta Dhopeshwarkar*

By DR. SAMEENA FALLEIRO

Associate Professor - Department of Computer Science

Neeta and I started our journey in this Institution together. Right from day one her humility and soft-spoken nature was something that would emanate from her persona and one could not help noticing and learning from it. We soon became good friends. Ms. Neeta was into software development industry before joining the teaching profession. She had been a topper at MCA and was also among the few to clear SET in Computer Science, during those days.



Neeta was among those faculty who would literally go beyond duty hours. One would always see a concern towards student wellbeing and that's the reason why, one would always find her trying to engage students in extra academic projects, motivating them to do their best. Her dedication to the job was unquestionable. Whether it has been her punctuality or any task given to her or even learning of new technologies she was always the first one to enrol or seek permission to do the same. She also was very passionate about doing something for the community and special children. That too at a time when such initiatives did not call for any special attention in the media or did not fetch any credit. She was also instrumental in developing multiple educational tools to assist the special educators in teaching autistic children as well as to assess various skills of children.

It has been such a wonderful experience associating with her in this journey at Chowgule College. From just being new joiners and colleagues to being good friends, I cherish this journey and look back with gratitude to Neeta for having been my go-to person.

On behalf of all the Teaching and Non-Teaching Faculty and Alumni of the Department of Computer Science, I would like to extend sincere gratitude to Ms. Neeta for her dedicated service of 20 years in the Department of Computer Science. We wish her good health, happiness and success in her future endeavours.

Allan Rodrigues

BY MALCOLM AFONSO

Assistant Professor, Department of Geology

When I entered the Chowgulle College campus for the first time, I had to undergo counselling before taking admission, and that's where I met Sir Allan Rodrigues. He patiently listened to me. I had just arrived after being rejected in another industry and wanted to start over. As part of our subject choice process, he suggested that I choose Geology as one of the subjects keeping with my other interests for the outdoors and adventure.



Mr. Allan Rodrigues

Associate Professor, Department of Geology

If he hadn't offered me that suggestion, I might have been a physicist instead of a geologist. During his time at the Department of Geology, Sir Allan was known as a very soft-spoken person. His students found him approachable and always willing to provide sound advice. He had a thorough knowledge of the subject. The subject matter he covered was thoroughly researched. Over the course of his career, he has conducted extensive research on the distribution of groundwater and its quality throughout South Goa.

*"Like a candle
That burns itself to spread light
You gave us everything
By working hard day and night
Just like flowers give away
Fragrance that they can't smell
You have made our lives blossom
In way that words can't tell"*

Sir Allan showed remarkable courage while facing the daily challenges posed by his illness during his later years in the Department of Geology. While I was a student in the college, I had the opportunity to go on a geology field trip with him to neighbouring Karnataka and I remember how fast he was. The subject knowledge he had in the field was extensive. We didn't get a formal opportunity to wish goodbye to Sir Allan when he retired during the height of the

covid pandemic. The legacy he leaves behind will continue. Here is a small poem dedicated to Sir Allan.

Wishing you a healthy and happy journey ahead.



**Creative
Composition**
(Hindi Section)

सफलता का मंत्र – साहस



जीवन में कई मौके आते हैं, जहाँ पर हमें साहस की जरूरत पड़ती है और जो इसकी आवश्यकता को नहीं समझते वे अंत में हार के सिवा कुछ प्राप्त नहीं करते। साहस यही हिम्मत, उग्रता का नाम है जिसके कारण हम निडर होकर किसी खतरे आँधी का सामना कर सकते हैं। साहस से निभाई गई जिंदगी ही असल जिंदगी होती है। साहस से जीवन व्यतीत करता व्यक्ति अपनी एक नई पहचान बनाता है।

जीवन के दो नियम हैं। एक मुस्कुराते रहना और दूसरा आने वाले चुनौतियों को स्वीकार करना। जिसने ये दो नियम निभाएँ वह सफल होता गया। भारत के महान उद्योगपति श्री धीरूभाई अम्बानी जो पाँचसौ रुपये के वेतन पर पेट्रोल पम्प पर काम करते, पाँच पांडव जो बिना किसी डर के 100 कौरवों के सामने खड़े हुए तथा रानी लक्ष्मी बाई आदि अनेक वीर हैं जिन्होंने अगर साहस न दिखाया होता तो शायद आज हम उनके बारे में जान भी न पाते। भले ही हमारे पास कितना भी ज्ञान क्यों न हो, मनुष्य के भीतर साहस होना अनिवार्य है।

आई.ए.एस की इंटरव्यू में दस सवाल पूछे जाते हैं। वे यह नहीं देखते कि उन दस सवालों में से आप कितने जवाब दे सकते हो बल्कि यह देखा जाता है कि उन दस सवालों का आप कैसे सामना करते हो। उदाहरण स्वरूप: अगर दस बजे आपकी परीक्षा होती है और नौ बजे आपका अपघात हो जाता है जिसके कारण आपका दाहिना हाथ खराब हो जाता है। परंतु आपका दूसरा हाथ सलामत है, तब आपके पास दो विकल्प होते हैं, पहला रोना और दूसरा उसी समय निडर होकर परीक्षा देने जाना। अंतिम निर्णय आपका ही होता है।

एक बार चित्रगुप्त ने चाणक्य से पूछा कि “आचार्य अगर भारत का सम्राट बनने के लिए साहस तथा संघर्ष न करना पड़ता तो?” तब चाणक्य कहते हैं “तब हर कोई भारत का सम्राट होता”।

बाढ़ में जो ठहरा सो बचा उसी तरह जीवन में जिसने साहस से काम लिया वह सफल हुआ।

- प्रेरणा वेलिंगकर
द्वितीय वर्ष कला



लड़ना सीखो

मुंबई शहर में एक लड़की रहती थी। उसका नाम रानी था। उसकी आयु पच्चीस साल थी। देखने में तो वह बहुत सुंदर थी। वह अपने काम से घर पर अकेले आती थी। वह रिक्शा से आया जाया करती थी। शाम का समय था। हमेशा की तरह वह काम से घर जा रही थी तभी उसके रिक्शा वाले ने कहा कि आगे के रास्ते में बहुत ज्यादा ट्रैफिक है अगर आगे की रास्ते से गये तो कम से कम एक घंटा लगेगा। इससे बेहतर है कि आप इसी रास्ते से चलकर जाएँ तो आप जल्दी पहुँच जाएँगी। वह मन में सोचती है कि वह उसके घर के पीछे का रास्ता है और माँ ने उस रास्ते से आने जाने के लिए मना किया है। उस रास्ते पर शराब पीकर लोग वहीं पड़े रहते हैं और लड़कियों के लिए वह रास्ता बहुत खतरनाक होता है।

तभी वह रिक्शा से उतरती है और अपने रास्ते पर चलने लगती है। तभी वहाँ एक आदमी खड़ा था। दिखने में काले रंग का, लंबा चौड़ा, उम्र में लगभग अड़तीस साल का था। वह शराब की बोतल रानी को देखकर हाथ से नीचे रखता है और उसे रोकने की बहुत कोशिश करता है। उसका हाथ वह इतना कसकर पकड़ लेता है कि छोड़ने का नाम ही नहीं लेता। उसे वह बार बार कहता है कि तुम लड़की हो हम जैसे मर्द के पास इतनी शक्ति होती है कि मैं तुम्हें कुचलकर रख सकता हूँ। उसका दुप्पटा वह ज़मीन पर डाल देता है। रानी उसके हाथ को काटकर अपना दुप्पटा वापस लेकर जल्दी से वहाँ से भाग जाती है। रानी के साथ यह पहला अपघात था। वह बहुत भयभीत होकर सोच में पड़ जाती है कि इतने ही समय में उसके साथ क्या हो गया है।

रानी घर पर पहुँच जाती है वह शांत होकर अपने घर के दरवाजे पर खड़ी हो जाती है। पर उसकी माँ को उसका निराश चेहरा साफ़ दिखाई देता है। वह उसे बार बार पूछती है कि कपड़े कैसे गंदे हुए। बार बार पूछने के बाद वह अपनी माँ को सारी घटना विस्तार से बताती है। उसकी माँ उसे बहुत डाँटती है कि मना करने के बाद भी वह उस रास्ते से क्यों आ गई। रानी कहती है कि हम पुलिस में उसकी शिकायत दर्ज कर देंगे। पर उसकी माँ साफ़ मना करती है यह कहकर कि हमारा नाम बदनाम होगा। इससे अच्छा होगा कि तुम अपनी नौकरी छोड़ दो। तुम्हारे बाबूजी भी हमें छोड़कर चले गए हैं मैं कहीं पर घर काम करके हमारा गुजारा कर दूँगी। तभी रानी कहती है कि मैंने एम.बी.ए. घर पर बैठने के लिए नहीं पढ़ा था, अच्छा काम ढूँढकर आपको सहारा देने के लिए किया था। रानी बहुत निडर थी वह अपने माँ से कहती है कि माँ पूरी जिंदगी भर हमें चुप नहीं बैठना है। हमें ऐसे बदमाशों का डटकर मुकाबला करना है ताकि वह और किसी को तंग न करे और औरतो की इज्जत करें।

रानी की माँ उसके बिलकुल सहमत नहीं थी। उनका मानना था कि लड़कियों को यह बिलकुल शोभा नहीं देता है। इतना ज्यादा बलात्कार, एसिड अटैक लड़कियों पर होते हैं कोई कुछ नहीं कर सकता। अपना ध्यान अपने आप को ही रखना होता है। क्यों अपनी इज्जत मिट्टी में मिलानी है? रानी अपने कमरे में आकर बहुत ज्यादा मायूस होकर बैठती है पर उसकी आँख में से एक आँसू नहीं आता है। वह अपने आप से बार बार कहती है लड़की हूँ पर कमजोर नहीं निडर होकर मुझे ही उस राक्षस से बदला लेना पड़ेगा। वह अपना नाम ऑनलाइन कराटे क्लब में दाखिल करती है। वह अपने माँ को भी यह बात नहीं बताती है। वह दस दिनों में अपने कराटे का कोर्स खत्म करती है। वह बुद्धि से तो होशियार थी पर अब वह शारीरिक रूप से ताकतवर बन जाती है।

वह दूसरे दिन शाम को काम से उसी रास्ते पर से घर आती है। तभी उसे वह आदमी पीछे से रोकता है और उसके कंधे पर वह हाथ रखता है तभी वह पीछे मुड़कर उसको ऐसा थप्पड़ लगाती है। उसका सिर घूम जाता है वो भी रानी पर हाथ उठता है पर उससे पहले रानी उसकी टाँग तोड़कर उसे नीचे गिराती है और वह निडर होकर अपने घर पर आती है। उसको मन से बहुत ज्यादा खुशी मिलती है।

जिसप्रकार रानी ने अपना साहस नहीं छोड़ा उसी प्रकार सभी स्त्रियों को निडर होना चाहिए। तो पूरी दुनिया किसी का कुछ भी बिगाड नहीं सकती है और हर स्त्री अपने जीवन में विजय पा सकती है।

- साईक्षा गोकुलदास वेंकर
द्वितीय वर्ष कला



कामयाबी



हमें जीवन केवल एक ही बार मिलता है। तो इसी कारण हारने के बारे में न सोचकर निडर होकर आगे बढ़ना हैं। जीवन अनमोल होता है। इसीलिए निडर होकर अपना सपना पूरा करना चाहिए। जीवन में परिस्थितियाँ व्यक्ति को कभी-कभी बदल देती है। हर मनुष्य के मन में यह सवाल उत्पन्न होता होगा कि हमेशा मेरे साथ ही ऐसा क्यों होता है ? मनुष्य के जीवन में जो भी बुरा होता है उसे हमें परीक्षा के रूप में लेना चाहिए। हमें सदैव यह याद रखना चाहिए कि जो होता है वह अच्छे के लिए होता है।

मनुष्य अंधेरे में भी प्रकाश पैदा कर सकने की ताकत रखता है। जब मनुष्य कठिन परिस्थितियों से गुजर सकता है तो सीख पाता है कि कठिन परिस्थितियाँ हमेशा नहीं रहती वह एक ना एक दिन बदल जाती है। यह वह अनुभव है जो किसी व्यक्ति के जीवन को बदल देता है और मनुष्य के भीतर का डर गायब हो जाता है। उसमें निडर होकर आगे बढ़ने की क्षमता पैदा होती है।

जब हम सच्चाई के पथ पर अग्रसर होते हैं, तो हमें इस बात से अवगत होना होगा कि कठिनाइयाँ तो होंगी ही। कठिनाइयों से आगे बढ़कर ही व्यक्ति सफल हो पाएगा। जब व्यक्ति तकलीफों की आंच में तपता है तो वह हर प्रयास करता है कि वो कामयाब हो सके।

अनुभव से ही मनुष्य सीखता है और आगे बढ़ता है। उस समय याद आता है कि मनुष्य को कठिनाइयाँ सहकर ही आगे बढ़ना पड़ता है। जीवन में कठिनाइयाँ भी जरूरी होती है जब मनुष्य कठिनाइयों से आगे बढ़ेगा तभी उसे अपने आप महसूस होगा कि बुरे दिनों की वजह से ही आज बेहतर स्थिति में हैं। तब मन तैयार होने लगता है कि अब उसी साहस के साथ आगे बढ़ना हैं। फिर चाहे वह कितनी भी कठिनाइयाँ उठानी पड़े निडर हो कर सामना करना है। धैर्य एक ऐसी शक्ति है जिससे व्यक्ति साधारण जीवन का सोना बना सकता है। मन में अच्छे विचार रखकर आगे बढ़े तो हर एक कार्य संपन्न होता है। समय चाहे कोई भी हो अच्छे शब्दों और अच्छे विचारों को ध्यान में रखना चाहिए ताकि खुद के बल पर हर चीज का सामना करने की हिम्मत रख सकें तथा कामयाब होकर अपनी मंजिलों को प्राप्त कर सकें।

- वर्धिनी विजय बोरकर
प्रथम वर्ष कला

साहस ही जीवन है

जिंदगी के हर मोड़ पर मनुष्य के साथ अनेक घटनाएँ घटित होती हैं पर उस से डर कर अपने कदम पीछे लेना है या साहस से निडर होकर आगे बढ़ना है वह हम पर निर्धारित होता है। साहस से ही हम अच्छा कार्य करने पर सफल हो सकते हैं।

अगर डॉ राममनोहर लोहिया जैसे अनेक क्रांतिकारियों ने निडर होकर जंग नहीं लड़ी होती तो हम स्वतंत्रता का सूरज देख नहीं पाते। अनेक बार अच्छा कार्य करते समय हमें त्याग करना पड़ता है तथा अनेक संघर्षों का सामना करना पड़ता है। परंतु हम इन संघर्षों का सामना किए बिना पीछे रह गए तो जिंदगी का कुछ मोल नहीं रहेगा। हमें हर घटना, हर समय, हर एक व्यक्ति कुछ न कुछ सिखाता है।

साहसी व्यक्ति 'लोग क्या कहेंगे' इस बारे में विचार कभी नहीं करेगा। जो उनको सही लगता है उसी के साथ वह आगे बढ़ते हैं। वह हर वक्त सच्चाई का साथ देते हैं। अगर हम किसी भी समस्या का साहस के साथ मुकाबला नहीं करते तो हमारा भविष्य भी डर के साथ ही गुजरता है। अगर जिंदगी कायर की तरह डरकर जीनी हो तो वह जीना ही कैसा। अगर हमें जिंदगी में कुछ बड़ा हासिल करना है तो उसके लिए जोखिम उठाना आवश्यक होता है। उदाहरण स्वरूप: हमें कुछ नया सीखना है जिससे हमें या दूसरों को मदद हो या कुछ तरक्की हो तो उसे निडर होकर आलस किए बिना सीखना चाहिए। उसी वक्त हम अपने आप को चुनौती देते हैं कि मैं यह कर सकता/सकती हूँ। डर हमारी जिंदगी को खोखला बना देती है। बिना कष्ट के किसी को भी सुख तथा चैन की नींद नहीं मिलती। साहसी होने का मतलब अपने आप पर विश्वास रखना की मुझे अब कोई भी नहीं रोक सकता।

बहुत बार मनुष्य पर दूसरों की संगत का भी असर होता है। अगर आपके मित्र आलसी या डरपोक हो तो आप भी उसी की तरह होने की संभावना ज्यादा बढ़ जाती है। अगर दूसरे डरपोक हैं तो हमें उनको भी साहसी बनाने का प्रयत्न करना चाहिए। हमें बिना डरे, बिना रुके अपना कार्य लगातार करना चाहिए। चाहे कोई भी कुछ कहे या न कहे।

अक्सर हम कुछ अच्छा करने गए तो उसमें कठिनाईयाँ या बाधाएँ लाने का कार्य बहुत लोग करते हैं। मनुष्य जितना ज्यादा चुनौतियों का सामना करता है उतना ही वह साहसी बनता है। हमें लक्ष्य की प्राप्ति के लिए निरंतर अभ्यास और प्रयत्न करना चाहिए। मंजिल तक पहुँचने के लिए प्रबल इच्छाशक्ति और संकल्प शक्ति का होना आवश्यक है। समस्याओं का सामना करने से मनुष्य निडर बनता है और सफलता के शिखर तक पहुँच जाता है। किसी को भी सफलता आसानी से नहीं मिल पाती। उसके लिए दिन-रात मेहनत करने के साथ अनेक बाधाओं का सामना करना पड़ता है।

चुनौतियों का सामना कर सफलता से जो खुशी हमें मिलती है वह हमें सबसे ज्यादा सुकून देती है।

आज के समय का उदाहरण लिया तो कोविड-19 महामारी से बहुत लोग त्रस्त हुए हैं। कई लोगों ने अपने परिवार जन, माता-पिता को इस कोविड की स्थिति में खोया है। परंतु जिंदगी किसी के लिए नहीं रुकती, हर किसी को आगे बढ़ना होता है। इस समय में बहुजनों की नौकरियाँ छूट गयीं। पर कई लोग हाथ पर हाथ डालकर बैठे नहीं। कई घरों में खाने के लिए पैसे नहीं थे। इस चुनौती भरे काल में लोगो ने दूसरा मार्ग अपनाकर भी अपना घर संसार चलाया। बहुत लोगो ने घर में बैठकर ही अपने नए व्यापार कार्य शुरू किए। बहुत लोगो ने अपने प्रतिभा कौशल्य को जागृत किया, नया कुछ सीखा। बहुत से लोगो ने कोविड पॉजिटिव लोगो के लिए अन्न सेवा शुरू किए। कोविड महामारी के परिस्थिती में घर में बैठे रहना यह उस पर उपाय नहीं है। सभी को अपने साथ दूसरों का भी खयाल रखना आवश्यक है। मास्क, सेनिटाइजर और सोशल डिस्टेंसिंग के नियमों का पालन करना भी जरूरी होता है। अगर हम हिम्मत के साथ कुछ काम करें तो हर मुश्किल आसान हो जाती है और कोई भी हमें पीछे हटा नहीं सकता। अगर मनुष्य ने कुछ मन में ठान लिया तो वह कार्य करने का मनोबल उसमें अवश्य होता है।

जब तक हम अपने आप को नहीं पहचानते तब तक हमें मंजिल पाने के लिए कठिन से कठिन परिस्थितियों का सामना करना अनिवार्य हो जाता है। अगर आज पसीना बहाया तो ही कल उसका फल मीठा मिलता है। आज के युग में हमें परिश्रमी, मेहनती होना बहुत ही आवश्यक है। हमें जिस बात का डर लगता है, अगर उसे हम करें तो वही साहस कहा जाता है। प्राचीन काल का उदाहरण अगर ले तो जो अत्याचार के विरुद्ध अपनी आवाज उठाता है और उस समस्या का डटकर सामना करता है वही 'साहसी' कहलाता है। अपना लक्ष्य पाने के लिए मन की प्रबल इच्छा का होना महत्वपूर्ण है। अगर हम उसी वक्त निडर होकर निर्णय नहीं ले पाए तो हम जिंदगी में आगे नहीं बढ़ पाते। समय यह जीवन की अत्यंत अनमोल पूँजी है। हम जब तक उस कार्य के प्रति आतुर नहीं होते, हमें यशप्राप्ति नहीं होती। आलस किए बिना कार्य करें तो सफलता अवश्य मिलती है। आलस मनुष्य का सबसे बड़ा शत्रु है। जो मनुष्य आलस करता है वह जीवन में कुछ खास प्राप्त नहीं कर पाता है। हमें अगर अपने कार्य के प्रति निष्ठा, सकारात्मक दृष्टिकोण और उमंग हो तो हम उसमें सफलता निश्चित रूप से पा सकते हैं। जब तक हमें ध्येय की प्राप्ति नहीं होती तब तक हमें हमारा कार्य करते ही रहना चाहिए। मनुष्य साहस के साथ, निडर हो जाए तो दुनिया की कोई भी ताकत उसे रोक नहीं सकती।

- सायली नाईक
प्रथम वर्ष कला

साहसी

संघर्ष का दूसरा नाम ही जीवन होता है और साहस जिंदगी की सबसे बड़ी जरूरत होती है। हमारे जीवन में अनेक मुश्किलें और परेशानियाँ आएंगे ही ऐसा कोई कार्य नहीं जिसमें जोखिम और परेशानियाँ न हो, इसलिए हमें जीवन ठीक तरह से जीना है तो जीवन में साहस के साथ हर समस्या का सामना करना चाहिए। एक साहसी इंसान सिर्फ अपने आप को ही नहीं बदलता पर समाज को भी बदलने की प्रेरणा देता है।



साहस के माध्यम से इन्सान के अन्दर एक ऐसी शक्ति उत्पन्न होती है जो दुनिया को बदल सकती है। साहसी इंसान समाज की बुराइयों से लड़ता है समाज में परिवर्तन लाता है क्योंकि साहसी व्यक्ति से ही बनता है शक्तिशाली समाज। सच्चा साहसी वही होता है जो हर स्थिति में अपने आत्मबल को कायम रखता है और अपने लक्ष्य के प्रति संकल्पित रहता है। हमें साहस को प्यार से जोड़े रखना चाहिए। प्यार नकारात्मक और बुरे विचारों से दूर रखता है और सकारात्मक विचारों को अपनाता है और इस राह पर चलते हुए हम साहसी बन जाते हैं।

आज के परिप्रेक्ष्य में यदि ऐसे साहसी व्यक्ति का जीवन जो हमें प्रेरणा दे सकती है वह अरुणिमा सिन्हा है। अरुणिमा सिन्हा राष्ट्रीय स्टार की वालीबॉल खिलाड़ी रह चुकी है। एक दुर्घटना में उन्होंने अपना एक पैर खो दिया पर फिर भी उन्होंने माउंट एवरेस्ट चढ़ा और माउंट एवरेस्ट पर चढ़ने वाली दुनिया की पहली भारतीय दिव्यांग महिला बनी। अरुणिमा सिन्हा ने विपरीत परिस्थितियों के आगे घुटने नहीं टेके तथा साहस का परिचय देते हुए अपने लक्ष्य को प्राप्त किया। हमारे देश में ऐसे अनेक लोग थे जैसे कि मंगल पांडे, भगत सिंह, चंद्रशेखर आजाद आदि जिन्होंने साहस के बल पर हमारे देश को आजादी दी है। संसार में हमें ऐसे हजारों उदाहरण मिल जाएंगे जिन्होंने जीवन की कठिनाइयों और विपरीत परिस्थितियों में भी साहस के साथ कार्य करते हुए दुनिया के समक्ष उदाहरण प्रस्तुत किए हैं। साहस के माध्यम से इंसान सफल हो सकता है क्योंकि कठिनाइयों से लड़ने का साहस जिसने दिखाया है इतिहास में बस वही अपना नाम बना पाया है।

मुझे ऐसा लगता है कि साहस जीवन का एक महत्वपूर्ण हिस्सा है। साहस के बगैर जीवन संभव है ही नहीं। आजकल बहुत से लोग एक कार्य में असफल होने पर हिम्मत हार जाते हैं। अपने आपको दूसरों से कम समझते हैं, कुछ लोग आत्महत्या करते हैं और यही गलत कदम उन्हें जीवन में हारने के लिए मजबूर कर देता है। उन सभी लोगों से मैं यह कहना चाहूंगी कि जीवन में अगर अंधेरा है तो उजाला भी जरूर होगा हमें सिर्फ हिम्मत नहीं हारनी चाहिए और साहस से काम लेना चाहिए और अंत में जीत उन्हीं की होती है जो साहसपूर्वक कर्म पथ पर आगे बढ़ते जाते हैं क्योंकि साहस ही जीवन है।



- सेजल मयेकर
प्रथम वर्ष कला



जीवन

जेव्हा गोष्टी कधीकधी चुकीच्या होतात
रस्ता चुकतो आणि सर्व वाटा धुसर भासतात
हातात काही नसते अन् कर्जाभार अमाप वाढतात
हसायचे असते तुम्हाला पण रडणे भाग असते
अन् गबलल्या मनाला ओठावर गाणे ठेवावे लागते
काळजी जिथे तुम्हा रोज खाली खेचत राहते
निराश नका होऊ हेच जीवन असते

जीवन विचित्र आहे नका त्रागा उगाच करू
अवघड कोडे ते नका त्याच्या नादी लागू
भविष्याच्या विवंचनेत नका आज वाया घालू
हराल तरी ऊठा
पंखात बळ साठवा
डोळ्यांत अंगार पेटवा
जीत चुमचीच आहे.

यश म्हणजे अपयशाआतून बाहेर पडणे
जसे सोन्याने भट्टीतून तावून-सुलखून येणे
थांबणे हे इथे निषिद्ध आहे
जो हे जाणला तोच जीवन जिंकला

- सिध्दी सुर्लेकर
प्रथम वर्ष कला



प्रयत्न करा

जीवनामध्ये संकटे खूप येतील
तुम्ही धीर सोडू नका,
काळोख नक्कीच मिटणार
असे वाटेल अनेकदा, नको हे जग,
नकोत या यातना
पण तुम्ही प्रयत्न सोडू नका

होईलही टीका अनेकदा, बोलणारे बोलतील मागाहून
पण तुम्ही स्वतःवर विश्वास ठेवा
व स्वतःची लढाई स्वतः लढा

असं नाही की जीवनाचा प्रवास सरळ असेल
प्रवासामध्ये तुम्ही पडणार, उठणार, रडणार, हरणार
पण ह्या प्रवासामध्ये थकून नाही जायचं
कारण संकटामध्ये संधी दडलेली असते

तुम्हाला वारंवार अपयश मिळेल
तर दुःख करीत बसू नका
वारंवार प्रयत्न करा व प्रगतीच्या मार्गाने चालत रहा
कारण जीवन जगण्यासाठी संघर्ष करावाच लागतो.

- सेजल मयेकर
प्रथम वर्ष कला



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धो-धो पावसानंतरच

इंद्रधनुष येते

थोड्या या पावसात

भिजून तर बघ.

प्रचंड वादळानंतरच

वेळ येते यशाची

थोडे वादळ सहन

करून तर बघ

देवावर विश्वास ठेवला

तर तोही साथ देतो

तू स्वतःवर विश्वास

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समुद्रात हरवल्यानेच

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बुडलो जरी आज मी

पुन्हा किनाऱ्यावर येईनच

हरण्याचा शिक्का माझ्या माथ्यावर

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तुझ्या आयुष्याचा माळी तू

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खूप घाव बसतील

थोडं घाव तूही

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संकटे येतील भरपूर

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पण तू माझ्यासारखा ध्येयी

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विस्कटलेले काजळ

विस्कटलेले

काजळ पाहूनी

बहुजणांनी प्रश्नाळले

डोळ्यात काही गेल्याने

पसरे मी खोटाळले

मनात लपवूनी ओझे दुःखाचे

हसून टाळे सारे

एकटेपणाशी मैत्री करूनी

रात्रीस वाहे झरे

दुसऱ्यांना हसवी हे मुख

स्वतःस रडवूनी

जीवनाच्या संघर्षाला

रोज सामोरे जाऊनी

हजार नकारात्मक विचारांना

एक सकारात्मक अमृत

रोज पुढे-पुढे जाते

हजार राक्षसांना भेदत

असेना का घावांनी भरलेले

तरीही संकोच काही नसलेले

मोकळ्या मनाचे मोकळे हे

जीवन माझे सुखाचे...

कोरोना महामारी आणि मानवी मूल्ये



चीन मधून सुरू झालेली कोरोना नामक महामारी जणू डोळे मिचकवताच विश्वात सर्वत्र पसरली गेली. एका संक्रमित माणसाकडून दुसऱ्यापर्यंत असे होता होता पूर्ण जगालाच ह्या रोगाने आपल्या जाळ्यात गुंडाळून टाकले. जगभरात करोडो लोक ह्या कोरोना रोगाने ग्रस्त झाले आणि लाखो लोकांनी या महामारीशी झुंजत आपले प्राण गमावले. दिवसेंदिवस हजारांच्या संख्येने व्यक्ति कोरोना बाधित होत होते आणि ही परिस्थिती आटोक्यात आणण्यासाठी म्हणून सर्व राष्ट्रांच्या सरकारद्वारे लॉकडाउन लावण्यात आले होते. या लॉकडाउनमुळे सारे जगच जणू ठप्प पडले होते आणि देशांची अर्थव्यवस्था खालावली होती. लोकांचे व्यवसाय धंदे, मोठमोठे कारखाने, शाळा, महाविद्यालये, सरकारी कार्यालये, सार्वजनिक वाहतूक बंद ठेवण्यात आली होती. सार्वजनिक स्थळे जसे देऊळ, सिनेमाघरे, मॉल, पार्क, हॉटेल, व सार्वजनिक कार्यक्रम अश्या सगळ्यांवर बंदी घालण्यात आली होती. जीवनावश्यक वस्तु आणि औषधे याखेरीज सगळा कारभार ठप्प झाला होता. रस्त्यांवर वाहने नव्हती, लोक नव्हते त्यामुळे सगळीकडे शुकशुकाट होता. परिणाम म्हणून रस्त्यांवरील जनावरे तसेच पक्षी सुद्धा शांत झाले होते. फक्त गडबड-गोंधळ होता तो आरोग्य केंद्रांत. लोकांना रुग्णालयात आणणे तसेच एकावर एक मृतदेह बाहेर काढणे हे चालूच होते.

ह्या लॉकडाउनच्या कलावधीत अनेक लोकांनी आपली नोकरी गमावली, अनेकांना कमावरून काढून टाकले गेले, अनेकांच्या मासिक वेतनात घट करण्यात आली होती. ज्यामुळे त्यांना स्वतःचे आणि कुटुंबाचे पोट भरणे अवघड होऊन गेले. काम नसल्याने हाताश होऊन, आपल्या परिवाराच्या चिंतेपोटी बेरोजगार मजूर, युवक मंडळी आपल्या गावाकडे वळले. या लॉकडाउनच्या परिस्थितीमुळे लोकांच्या आर्थिक तसेच मानसिक स्थितीवर परिणाम झाला. लोकांनी या महामारीत आपल्या जीवलगांना गमावले ज्यामुळे त्यांच्या मनस्थितीवर अधिक परिणाम झाला, लोकांचा स्वभाव अधिक चिडचिडा आणि रागीट बनला. बेरोजगारीमुळे, गरिबीमुळे काही लोकांनी आत्महत्येचा सुद्धा पर्याय निवडला. आपली आर्थिक परिस्थिती बघून लोक त्यावेळी चिंताग्रस्त झाले होते. अत्यंत गरीब लोकांकडे जेवणासाठी सुद्धा पैसे नव्हते. या कोरोनाच्या काळात प्रत्येक माणूस एक लढाई लढत होता.

कोरोनामुळे लोकांवरील जबाबदारी वाढली. आपली स्वतःची काळजी घेणे, स्वतःला तसेच आपल्या परिवाराला या रोगापासून दूर ठेवणे आणि आपले व परिवाराचा उदरनिर्वाह करणे हेच सर्वांचे मुख्य ध्येय बनले होते. लोकांनी जे पैसे कमावून ठेवले होते त्या पैशांचा उपयोग लोकांना करावा लागला. आपल्या आर्थिक परिस्थितीनुसार जीवन जगणे आवश्यक बनले होते. सगळीकडे लॉकडाउन लावलेले असताना आपल्या लागणारे सामान आणणे, आवश्यक गोष्टींचा पुरवठा करणे हेच सर्वांसाठी महत्वाचे होते. त्या काळात दुकाने उघडताच लोक दुकानांत गर्दी करायचे. त्यावेळी काही लोकांना फक्त आपल्या परिवाराचीच चिंता होती तर काही लोकांना गोर-गरिबांची सुद्धा चिंता होती. अनेक श्रीमंत लोकांनी ह्या गरजेच्या आणि संकटाच्या काळात आपल्या स्वेच्छेने गरिबांची जीवनावश्यक वस्तू जसे जेवण, खाऊ, कपडे इत्यादी गोष्टींचे वितरण करून पुण्य कमावले आणि त्या गोर-गरिबांचे आशीर्वाद घेतले. आपले सामाजिक कर्तव्य समजून अनेक लोकांनी वृद्धाश्रमांत, अनाथाश्रमांत पैसे दान दिले. अनेकांनी स्वयंसेवक संस्थांची मदत घेऊन लोकांना आवश्यक वस्तू पुरवल्या. आपली सामाजिक जबाबदारी समजून, लोकांच्या चिंतेपोटी त्यांची आर्थिकरित्या वैयक्तिक पातळीवर मदत केली. या कोरोनाच्या परिस्थितीने लोकांना नम्र बनवले. पुष्कळ लोक दुसऱ्यांची दुखे, त्रास, अडचणी समजून घेऊ लागले. स्वतःला दुसऱ्याच्या जागी ठेऊन त्यांचे दुःख समजून घेणे संवेदनशीलतेने लोकांना आधार देणे, त्यांची मानसिक पातळीवर मदत करणे यासारखे कामे अनेकांनी या काळात केली आहेत आणि हे खरेच स्तुत्य मानावे लागेल.



- आकांक्षा रायकर
प्रथम वर्ष कला

मैत्री...

मैत्री म्हणजे काय, काय विचारता?
मैत्री जर वगळली, तर जीवनात काय उरते?
मैत्री वाचुनी जीवन, जीवनच अपूर्ण,
मैत्री करते सारी दुःखे चूर्ण-चूर्ण.

सागर या मैत्रीचा, दुःखाच्या पर्वताहुनी मोठा,
आनंदात डुंबून निघाला नाही तो खोटा.
अपार प्रियता या मैत्रीची, इकडे-तिकडे नी सगळीकडे,
जसे पावसाचे खुशाल ओलेचिंब थेंब चोहीकडे.

मैत्रीसाठी कमी पडतील शब्द ही खात्री,
आहे ती नवदुर्गा उत्सवासारखी, नऊ दिवसांची नवरात्री.
ह्यात भरलाय आनंदच आनंद,
उपभोगणे मैत्री म्हणजे नाही फक्त स्वानंद.

वाटल्याने साऱ्या गोष्टी, मैत्री वाढते,
आनंद द्विगुणीत होतो, दुःखे मागे सांडती.
अपार वर्षाचा सागर, जणू उफाळूनी बोलावतो,
सहवासात मैत्रीच्या, हर्ष तुम्हा ओवाळतो.



पण कधी-कधी मैत्री दुरावते,
मन अशांत-अशांत, हृदयही दुखावते.
मैत्री तुटली तर खंत मनी होते,
आठवणी जुन्या आठवूनी, अश्रु गालांवरुनी घरंगळती.

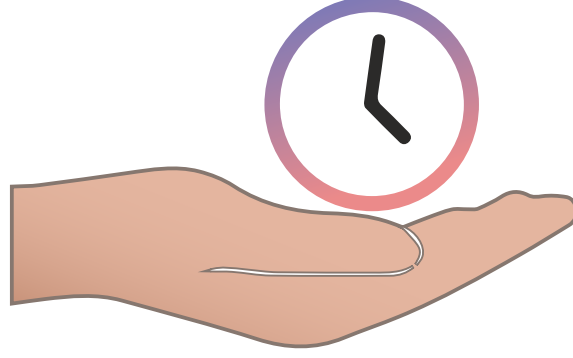
मैत्री म्हणजे एकमेकांच्या मनावर राज्य जसे,
जसे ऋतुंचे राजे, ऋतुराज असे.
प्रत्येक संकटात साथ देणारी मैत्रीण तू माझी,
जळे का न हे विश्व आमुच्या मैत्रीवर, साजे मैत्री माझी-तुझी.

सगळ्या गोष्टी एकमेकांस सांगणे, मजा मैत्रीत काही औरच,
जसे चंद्र-तारे शोभुनी दिसती, मंडळात या सौर.
निरागस या मैत्रीस, नावे आहेत हजार,
कारण असतो तो, दोन हृदयांचा शेजार.

- शांभवी दि. सावंत तळावलीकर
तृतीय वर्ष, कला



धीर बाळगा! यश अटळ आहे



माणसाला जीवन हे एकदाच मिळत असते. मग का म्हणून आपण हारायचं? का माघार घ्यायची जीवन मौल्यवान असते. म्हणूनच आलेल्या अपयशाने खचून न जाता धैर्याने आलेल्या संकटांचा सामना करायला हवा. येणाऱ्या प्रत्येक प्रसंगाला तोंड ध्यायला हवे.

कधी कधी परिस्थिती माणसाला बदलते. सरळ मार्गाने चालणाऱ्यांना सुद्धा दुःख झेलावे लागते. पण ते स्विकारून पुढे जाण्याचा जो प्रयत्न करतो तोच खरा माणूस होय. मनात बऱ्याच वेळा आपल्याला वाटते की, असे आपल्याच सोबत होत आहे. दैव आपल्याच सोबत खेळत आहे. पण सुख दुःख हे सगळ्यांच्याच वाट्याला येत असते. येणारी संकटे म्हणजे देवाने तुमची परिक्षा पाहण्याकरिता मार्गात निर्माण केलेले अडथळे आहेत. त्यांना घाबरून माघारी वळण्यापेक्षा त्यांना दूर करून पुढे जाण्याचा प्रयत्न करावा. त्यातूनच तुम्हाला एक प्रकारचे बळ मिळत असते.

आयुष्यात घडणारी प्रत्येक गोष्ट ही काहीतरी कारणामुळेच घडत असते. सुखामागे दुःख ही जीवनाची रितच आहे. जसे पावसानंतर ऊन आणि रात्रीनंतर दिवस तसेच जीवनात येणाऱ्या सुख-दुःखांचे असते. येणारे सुखही शाश्वत, चिरकाल टिकणारे नसते आणि आलेले दुःखही कायमस्वरूपी राहणारे नसते. त्यामुळे आपण नेहमी आशवादी, सकारात्मक राहून प्रयत्न करीत राहणे आवश्यक असते.

जो सरळ मार्गाने चालतो ते सगळ्यांच्याच डोळ्यांना खुपतो. आज वाकड्या वृत्तीनेच चालण्याची प्रवृत्ती वाढलेली आहे. सत्याच्या मार्गावर चालणाऱ्यांपेक्षा असत्याच्या मार्गावर चालणाऱ्यांची संख्या जास्त आहे. अशावेळी जो सत्याच्या मार्गावर चालतो त्याला हीन वागणूक देणे, त्याला सतावणे अशा गोष्टी सच्चासपणे होताना दिसतात. मात्र त्यामुळे निराश, हतबल न होता धीटपणे येणाऱ्या प्रत्येक वाईट प्रवृत्तीचा सामना करण्याची तयारी ठेवली पाहिजे. कारण लक्षात ठेवा शेवटी विजय हा नेहमी सत्याचाच होत असतो.

- वर्धनी बोरकर
प्रथम वर्ष कला



एकांत

ज्याला हवाय त्याला न मिळणारा
ज्याला नकोय त्याला आयुष्यभर न सोडणारा
एकांत

चेहऱ्यावर हास्याची रेघ ओढणारा
ती रेघ हळूच दुःखाने मिटवणारा
एकांत

कधी हवाहवासा वाटणारा
मनात घर करून बसणारा
एकांत

हृदयाच्या ठोक्यांना संगीताची धुन देणारा
तर कधी त्याच ठोक्यांना चुकविणारा
एकांत

आपणहून सुखाच्या शोधात जाणारा
मग त्याच चक्रव्यूहातून बाहेर पडण्याचा
अयशस्वी प्रयत्न करणारा
एकांत

येणाऱ्या आयुष्याकडे
आशावादी नजरेने बघणारा
कधी आयुष्यभर केलेल्या चुकांचा हिशेब करीत बसणारा
एकांत



पक्ष्यांच्या चिवचिवाटासारखा
संगीताच्या धुनीसारखा
मधुर-सुंदर एकांत
आणि जीवनाची भेसूरताही दर्शविणारा तोच
एकांत

मनाला वाऱ्याच्या हिंदोळ्यावर
अलगद झुलविणारा
एकांत

खवळलेल्या लाटांत त्याच
मनाला हेलकावे घेऊ लावणारा
एकांत

निर्जीव मनाला जीवंत करणारा
तर कधी त्याच मनाला
रक्तबंबाळ करणारा
हा हवासा-नकोसा असा
एकांत



- तेजल बोरकर
तृतीय वर्ष, कला

राहिली नव्हे तर आहेच म्हणू...

कितीतरी दिवस विचारात गेले
रात्री साऱ्या चिंतनात गेल्या,
त्या दिवसाची भिती आजही राहिली
राहिली नव्हे आहेच म्हणू.....

ते भयानक वारे आले,
आपल्यासोबत सारे वाहूनी नेले,
कितीजणांचा श्वास हिरावूनी गेले
राहिली नव्हे आहेच म्हणू.....

पाहूनी घाबरले सारेजण
जगणं झालं कठीण
मरणही सोपं होऊ दिलं नाही,
राहिली नव्हे तर आहेच म्हणू भिती त्या दिवसाची...

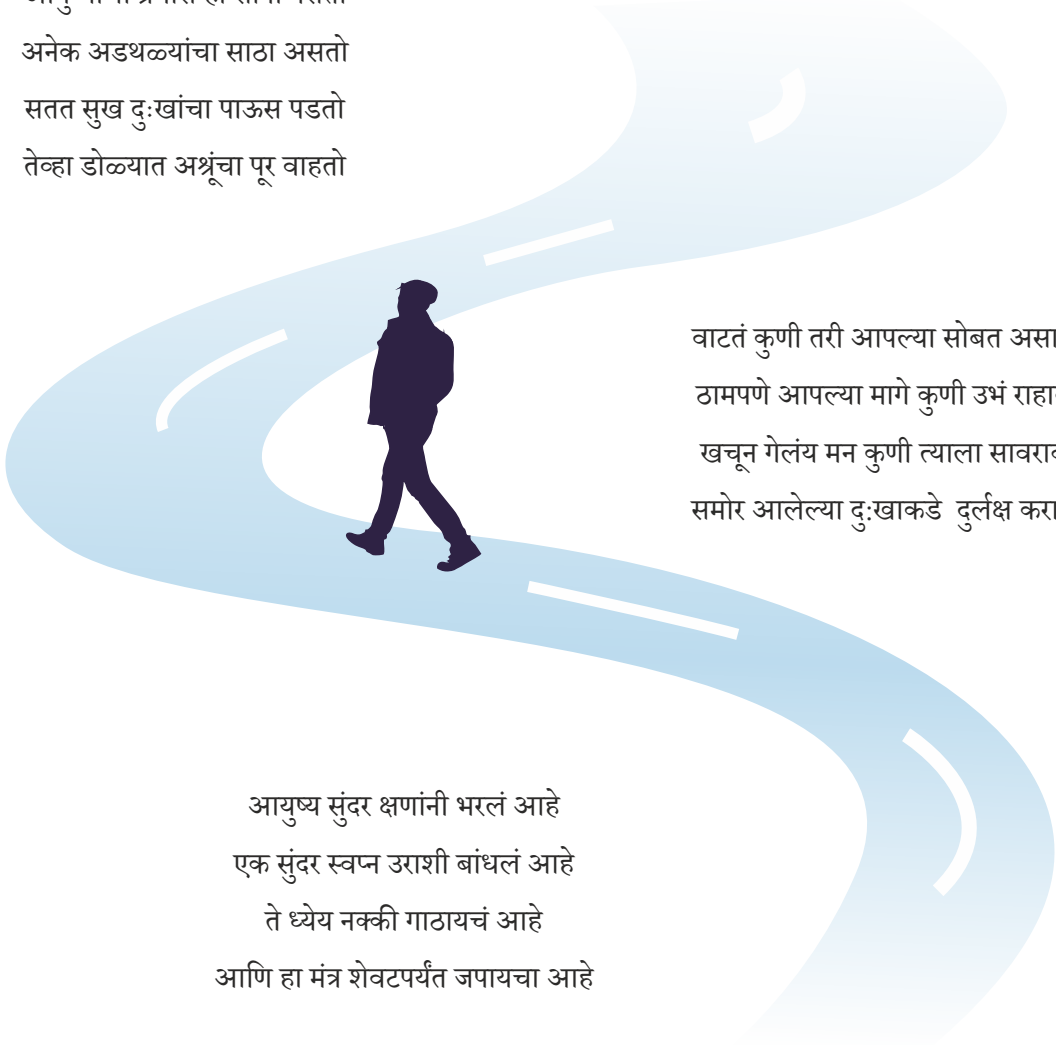


- दिपक्षा वेळीप
द्वितीय वर्ष, कला



आयुष्याचा प्रवास

आयुष्याचा प्रवास हा सोपा नसतो
अनेक अडथळ्यांचा साठा असतो
सतत सुख दुःखांचा पाऊस पडतो
तेव्हा डोळ्यात अश्रूंचा पूर वाहतो



वाटतं कुणी तरी आपल्या सोबत असावं
ठामपणे आपल्या मागे कुणी उभं राहावं
खचून गेलंय मन कुणी त्याला सावरावं
समोर आलेल्या दुःखाकडे दुर्लक्ष करावं

आयुष्य सुंदर क्षणांनी भरलं आहे
एक सुंदर स्वप्न उराशी बांधलं आहे
ते ध्येय नक्की गाठायचं आहे
आणि हा मंत्र शेवटपर्यंत जपायचा आहे

- पौर्णिमा परांजपे
प्रथम वर्ष कला



जिंकू किंवा मरू



आपल्याला माहितच आहे की आपण कोणतेही चांगले कार्य करायला गेलो किंवा आपल्या स्वप्नपूर्तीसाठी आपण जेव्हा काही करतो तेव्हा आपल्याला अनेक अडथळ्यांना सामोरे जावे लागते. अशा परिस्थितीत काहीजण निर्भयपणे त्या संकटांचा सामना करतात तर काहीजण घाबरून त्याच्यापासून दूर पळण्याचा प्रयत्न करतात. परंतु पळून जाणे हा कुठल्याही समस्येचा उपाय नसतो. किंबहुना सामना करून जेव्हा आपण यश प्राप्त करतो तेव्हा त्यावेळी होणारा आनंद काही औरच असतो.

कठीण परिस्थितीचा सामना करताना बऱ्याचदा आपण हताश होतो. आशा सोडून देतो. परंतु त्यावेळी आपण नकारात्मक विचार न करता सकारात्मक दृष्टीने सर्व गोष्टी बघण्याचा प्रयत्न केला पाहिजे. तरच आपल्यामध्ये उत्साह, संकटांना सामोरे जाण्याची जिद्ध निर्माण होते. अलीकडील उदाहरण घेतले तर सध्याच्या कोविड-१९ परिस्थितीमुळे अनेकांनी आपले आई-वडिल, नातेवाईक गमावले. ही जरी दुःखद घटना असली तरी त्यांनी जगण्याची आशा सोडली नाही. खरे म्हणजे कुणासाठीही जग थांबत नाही. आपल्याला जीवन हे जगावेच लागते. कोरोनाच्या काळात अनेकांच्या नोकऱ्या गेल्या. व्यवसाय बंद पडले. काहींवर उपासमारीची वेळ आली. हाती पैसे नसल्यामुळे लोक कर्जबाजारी झाले. त्याचदरम्यान झालेल्या वादळामुळेही अनेकांची घरे उद्ध्वस्त झाली. अनेकांचे नुकसान झाले. परंतु यामुळे हताश न होता पुन्हा नव्याने सुरुवात करणे अतिशय आवश्यक आहे. यावेळी अनेकांनी नवीन व्यवसाय सुरू केले. अनेकांनी आपले कलात्मक छंद जोपासले. काहींनी कोविडची लागण झालेल्या रुग्णांसाठी अन्न पुरवठा करण्यासारखे अतिशय स्तुत्य कामही केलेले आहे.

कठीण परिस्थितीत घरी बसून राहण्यापेक्षा आल्या परिस्थितीला सामेरे जात आपल्या आरोग्याची काळजी घेत त्या परिस्थितीतून वाट काढणे हेच खऱ्या लढव्याचे लक्षण म्हणता येईल. उत्साह आणि हिंमतीच्या बळावर आपण अशक्य वाटणारे काम सुद्धा शक्य करू शकतो. आपण जोपर्यंत त्या कामाचा कंटाळा करू तोवर आपल्याला त्या कामामध्ये यश मिळणार नाही. जीवनात कितीही संकटे आली तरी न डगमगता त्यांचा सामना केला पाहिजे.

जीवनात आपण कुठलेही काम करू त्यासाठी सकारात्मक दृष्टीकोन, त्या कामाबद्दल निष्ठा व उत्साह असला पाहिजे. जोपर्यंत आपले ध्येय साध्य होत नाही तोपर्यंत त्याचा पाठपुरवठा करणे, त्यावर अभ्यास करणे, आपल्या चुका समजून घेऊन त्यांना सुधारणे अतिशय आवश्यक असते. कुठलेही काम आपण प्रामाणिकपणे केले तर आपण आपल्या ध्येयापर्यंत नक्की पोहचू शकतो. स्वप्न पाहणे आणि ते प्रत्यक्षात उतरणे यामध्ये खूप अंतर असते. त्यामुळे फक्त स्वप्न पाहू नका, तर ते जगा आणि त्यासाठी दिवसरात्र परिश्रम करा. श्रम केल्यानंतर मिळणाऱ्या आनंदाचा अनुभव काही औरच असतो. तो मिळविण्याचा प्रयत्न करून तरी बघा.

- सायली नाईक
(प्रथम वर्ष कला)





OBITUARY

A tribute to Late Mr. Carlos Fernandes

By Mr. Ian Barreto

Associate Professor, Department of Computer Science



6th August 2021, amidst the already existing gloom of the COVID pandemic, we were shattered with some more. The golden heart of our beloved Carlos had stopped beating. Carlos to us was this multi-faceted individual who was truly indispensable. Having joined the college while still in his teens, he went on to win the hearts of all around with his simplicity, honesty and integrity.

He was this dependable guy, a ready reckoner for that matter: always there to help in whatever way possible the student as well as the staff fraternity. For sure, such a dynamic personality could not be contained within just the academic parameters of our institution. And that's where his love for Goan folk music and sports shone through. He was the one instrumental in creating and sustaining the staff cultural and sports clubs with his undying zeal and enthusiasm.

His eternal love for his mother, Goa and Chowgule College were big impediments to him reconciling to his family's thirst for greener pastures in the United Kingdom. After much dithering, he finally yielded proceeding on extraordinary leave but never to return.

Gone too soon for sure but the legacy he has left behind with his exemplary actions will not be forgotten by those who shared his space.



Farewell Carlos !!! Till we meet again



**STUDENTS'
EXPERIENCES**

DEPARTMENT OF PHYSICS



Omkar Shilkar FY·MSc·

"Had great 3 years of my life learning deep science from a proficient department. Grateful to be blessed with adept teachers who care if the students understand the subject and are willingly available 24/7 for any difficulties"

Luke Bossuet Sequeira Vaz TY·BSc·

"As a physics lover, I am very grateful to the teachers and lab assistants of the physics department for improving my love for physics. A special thanks goes out to Dr Ananya Das, Dr Ashish Dessai and Prof Yatin Dessai who were a great help indeed. God bless you all"



Elishka Vaz



"Studying in the Physics Department was a unique experience. I was fortunate to have great teachers who increased my understanding of physics considerably and fuelled my desire to pursue the subject in greater depth. Physics day activities and frequent guest lectures exposed us to current happenings ensuring classroom learning could be converted to real world knowledge"

DEPARTMENT OF PHILOSOPHY



Pooja Bisht SYBA

It's been a great learning experience in the Philosophy Department. The exceptional teachers' experience, thoughts, and teaching methods have helped me open my mind to better understanding and critical thinking. Besides, it's always a fun class to be in!

Stacy Dias TY·BA

For someone who had very little knowledge of what philosophy was before I took it, it was a huge relief the way the department took us in and enlightened us. The teachers are wonderful, so warm and helpful and understanding with us.



We were just four of us when it started but it's growing and I hope that it keeps flourishing and enlightening more students. I hope the department gets all the support because it honestly deserves it.

Ashwini Sequeira TY·BA



The subject of philosophy is extremely enthralling and it was a great experience delving deeper into this quest for wisdom. The curriculum helped shape my thinking, making it fun to investigate conceptual issues in the contemporary world.

I truly appreciate the faculty for being dedicated, supportive and in fact the friendly environment made the subject feel so amusing that it balanced academics and leisure. The lectures were interactive and complex issues were introduced to us with myriad analogies. I am grateful for the supportive faculty and glad for being a part of the Philosophy department.



Eliota Carla De Noronha TYBA

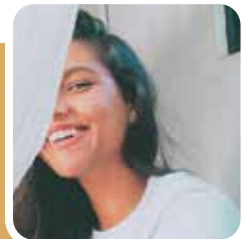
I have always found a positive, safe and healthy environment. My professors were very supportive and have put a lot of time and effort into their role, offering advice not only on my academic work but also helped me discover more about myself.

I am highly thankful to my philosophy department for giving me the warmth and all the support I needed. The knowledge and transformation I had with philosophy department is the reason I find myself successful today. It has added a number of values to my life.

DEPARTMENT OF HISTORY

Sarah A. Lobo FYBA

“Regardless of the situation, the History department always feels like home. A home that teaches one to be the best version of themselves, not only as students but as people. Home, is also a people, women whose passion is inspiring. Contrary to what I had grown up hearing, they showed me that history is more than facts and dates, it is our past, present, and future. I started appreciating what I had often overlooked. My love for the subject continues to grow day by day.”





Leeann Pereira SYBA

"The History Department has the most dedicated and hardworking teachers and students. In this department we not only study about our past from books but we also learn and understand through each other's experiences."

History department at Chowgule College puts away the misconception that history is boring, they do so by organising several field trips and excursions which helps us academically as well as personally"

Khushi Kifayatulla Shaikh M SYBA

"My overall experience to date has been amazing. The college has provided me with a number of opportunities. The emphasis on education helped me a lot. I have always found a positive and healthy environment and the teachers are highly supportive"



Declan N. E. Pereira SYBA



"Wherever the future may lead me, the memories of my three years spent at the department of history will always be imprinted in my mind. This is where I learnt about India's diverse culture and world history. I will always appreciate my teachers who made history so interesting and fresh"

DEPARTMENT OF GEOLOGY



Lisa-Marie Rodrigues SY·BSc

My department, from my experience has not only pushed me to try to excel in the academic side but also made sure we all were participating in extracurricular activities as well.

The faculty not only guided us but also tried to understand if we had problems with any aspects of the department or the subject matter and submissions. They also made sure the available courses were useful and relevant. I personally appreciate all the support and help that's continually been provided to us by them

Chandresh Digamberdas Naik SY·BSc

"Geology department of our college has set up a standard in terms of teaching and learning. Teaching is focused with field trips. Our faculty is very supportive, cooperative, friendly and experienced who always guide us. Department strives to make learning enjoyable and effective. Laboratory is well equipped with rocks, fossils, minerals, microscope and gemstones."



DEPARTMENT OF HINDI



सूर्यभान चौहान (द्वितीय वर्ष, कला)

हिंदी विभाग में पढ़ने का अनुभव बहुत ही उत्तम है। हिंदी विभाग के शिक्षक बहुत ही अच्छे ढंग से पढ़ाते हैं। प्रथम वर्ष का पाठ्यक्रम भी काफी ज्ञानवर्धक है। हिंदी विभाग में कई प्रतियोगिताएं भी आयोजित की जाती हैं जिससे छात्रों को अपना हुनर दिखाने का मौका मिलता है।

संस्कृति शाबा गावकर (तृतीय वर्ष कला)

पार्वतीबाई चौगुले महाविद्यालय (स्वायत्त) ने मुझे अपनी क्षमता को पहचान कर उसे उजागर करने में सहायता प्रदान की है। हिंदी विभाग के अद्वितीय पाठ्यक्रम के माध्यम से मेरी भाषा और भी अधिक विकसित हुई। मेरे विभाग के सभी शिक्षकों ने मुझे निरंतर आगे बढ़ने में सहायता प्रदान की। हिन्दी विभाग द्वारा अनेक कार्यक्रमों का आयोजन किया गया जिसमें सम्मिलित होकर, अपनी कला को प्रदर्शित करने के लिए अनेक सुअवसर हमें प्राप्त हुए।





REPORTS
SECTION

S C I E N C E



Department of BOTANY

HIGHLIGHTS

Seminar / Talks

1. E-training Webinar on Mendeley Reference Manager By Rutuja Kolte on 30th September 2020.
2. Interactive session on Career Guidance Talk by Alumni (Ms Ravina Pai and Ms Stacey Fernandes). It was organised by Ms.Amisha Pednekar on 6th February 2021
3. Lecture Series:
 - Understanding of herbs in light of Ayurveda, Guest speaker: Dr. SanjayKumar, Chhajed, Founder and Director, Nadi Guru Pulse Diagnosis, Training and Research Centre, Mumbai.). It as held on Wednesday, March 24, 2021 at 3:00PM-4:00PM.
 - Biofilms and vibriocholerae: A tale of two life styles, Guest speaker: Dr. Sumit Biswas, BITS Pilani, Goa campus.It was held on Saturday, March 27, 2021 at 11:00AM-12:00 NOON. Organised by Prof. Sangeeta Sankhalkar
4. Guest Lecture : “ Landscaping and Garden Designing”, Resource Person: Mr. Rozendo Mendonsa, Owner of Mr. Farmer India Pvt. Ltd., Guirim, Mapusa, Goa. Organised on 16th April, 2021 at 12 noon to 1.00 pm by Ms. Amisha Shirodkar Pednekar & Ms. Jocelyn Makasare
5. Guest Lecture : “PREPARING FOR CAREER”. Guest speaker: Dr. Nitin borkar(founder and director plantify tissue culture laboratories, goa). Held on friday 23rd March 2021 at 3.15 pm.Organised by Dr.Uma Masur

WORKSHOPS AND TRAINING

Activities of the department

Webinars attended by Faculty

- Ms. Amisha R. Pednekar Attended a National Webinar on e-learning, e-content and copyrights on 27th August 2020, organised by Government College, Karwar in association with GAD Teaching Learning Centre, SGTB Khalsa College, Delhi University.
- Dr. Sangeeta Sankhalkar, actively participated in Webinar on "Opportunities and Entrepreneurship in Hydroponics" organized by Don Bosco College of Agriculture , Sulcorna , Quepem, Goa, India on April 15th, 2021
- Online lecture series on "Conserving Native Plants for Future" organized by ISOLA(Indian Society of Landscape Architects), Gujarat on 1st May 2021 was attended by Ms. Jocelyn Makasare
- Dr. Sangeeta Sankhalkar, participated in participated in an online webinar organized by Karo Sambhav in collaboration with GIZ (German Development Cooperation) India on the occasion of World Environment Day, on 5th June, 2021 The webinar participation was based on DHE Govt of India Invitation.
- Ms. Jocelyn Makasare participated in Webinar series "You, Me and Greens" organized by Bizomia, Gujarat on 12th June 2021.The topic entitled "Use of Indian Herbs for Immunity Building and Healthy Living".

Student Participation

Ms Yukta Kurtarkar and Ms Shreya Naik(students) Participated in Buisness Plan Competition, Organised by innovation and incubation Cell (IIC) of Parvatibai Chowgule College ,Under IPR Cell,Goa State Council Of Science and Technology Scheme and won the first place



Department of **BIOTECHNOLOGY**

The Department of Biotechnology is credited with 96% pass results from final year students at the Semester End Examinations held in April 2019 with outstanding grades. Happy to share that they have now moved on for pursuing further education of Masters in Biotechnology at various institutions like Goa University, Manipal University, Vellore Institute of Technology (Vellore), Carmel's College for Women (Goa), St. Aloysius College (Mangalore), Gandhi Institute of Technology and Management (Visakhapatnam), NITTE University (Mangalore).

HEARTIEST CONGRATULATIONS. . .

RESEARCH PUBLICATION FROM ALUMNUS VELITON FERNANDES AS CO-AUTHOR

Ravidas Krishna Naik, Parthasarathi Chakraborty, Priya M. D'Costa, Anilkumar N, R.K. Mishra, Veliton Fernandes. A simple technique to mitigate microplastic pollution and its mobility (via ballast water) in the global ocean, Environmental Pollution, 283, (2021): 117070 (Elsevier publication)

Faculty Achievement

Dr. R. Kanchana

- Participated in the State level webinar on "Haematological Biomarkers in the diagnosis of COVID-19" on 03.02.2021 organized by Government College of Arts, Science and Commerce, Khandola, Marcela-Goa.
- Participated in the workshop cum training on "Natural Products from Marine Bio-resources" (Virtual Mode), organized by CSIR-NIO, Dona Paula, Goa, during 30-31 March 2021.
- Attended an International webinar on 'Opportunities and Entrepreneurship in Hydroponics' organised by Donbosco College of Agriculture, Quepem, Goa on 15.04.2021.

Ms. Madhavi M. Motankar

- Attended online session on 'Drug Discovery Technology - Insights of Protein-Ligand Interactions' on 24th October 2020 conducted by BDG Life Science Pvt. Ltd. India.
- Participated in National E-Webinar on 'Career Opportunities in Plant Sciences' organized by IQAC and Department of Botany, New Arts, Commerce and Science College Parner, Ahmednagar on 12th February 2021.
- Participated in E-Bioinformatics workshop on 'Sequence analysis' on 23rd February 2021 organized by the Biotechnology National E-conclave 'HyGene, Challenge of the change', Department of Plant Biotechnology and Department of Agriculture Extension, College of Agriculture, Vellayani, Kerala Agricultural University.
- Scored 38/40 in the Science Quiz on 28th February 2021 conducted as a part of National Science Day (NSD) celebration organized by the Vigyan Setu Foundation Bridging Science and Society, India.
- Participated in two Days 'Research Grant Writing Workshop' for Faculty and Researchers organized by the Directorate of Higher Education, Government of Goa in Collaboration with Govt. College of Arts Science & Commerce, Quepem Goa from 16 -17th March 2021.

- Participated in the National Multidisciplinary E-conference on 'Research in Science and Technology for Sustainable Development' organized by Atul Vidya Mandir, Wardha's Rajarshi Shahu Science College, Chandur, Amravati sponsored by Indian Science Congress Association, Amravati, Maharashtra on 23rd March 2021.
- Successfully completed 'Masterclass on Intellectual Property Rights' on 8th and 9th May 2021 organized by IIC MIT-ADT University, AIC-MITADTU Incubator Forum, supported by NITI Aayog, Govt. of India.
- Successfully completed the AICTE Training and Learning (ATAL) Academy Online Elementary Faculty Development Program on 'Academic Leadership in Higher Education' from 17th to 21st May 2021 at Central University of Rajasthan.
- Successfully completed the course contained in the Seven days International Virtual Faculty Development Program (FDP) from 26th May 2021 to 1st June 2021 organised by Ph. D. Research Centre of Pillai College of Arts, Commerce and Science (Autonomous) in Association with Millennium University, Malawi, South Africa as per the regulations of minimum standards course work required for M. Phil / Ph.D. Programmes and CAS.
- Scored above 80% in the Science Quiz on World Environment Day conducted on 5th June 2021 by Vigyan Setu Foundation®

Ms.Vallanka Dias

Participated in the International Conference (Virtual) on 'Affordable Strategies for Health, Environment and Food Technology' on 22-23 December, 2020 organized by the Department of Biotechnology Engineering, N.M.A.M. Institute of Technology, Nitte, Karkala.

Ms. Hashma Mujawar

- Ms Hashma Mujawar and Dr. Starlaine Mascarenhas, Asst. Professors, conducted a 'Certificate course on data computation in applied biological sciences using GraphPad Prism' from 10th February to 31st March 2021 as internship to life science students.

- Along with Dr. Aduja Naik, Asst Prof, Dept of Biochemistry, registered a start -up namely 'MUSHROOM CONNECT' deals with the production of mushroom spawn. Internships are provided to the students through this start-up.

Dr. Starlaine Mascarenhas

- Attended the webinar on 'Introduction to Intellectual Property Rights & Patent Process' on 16th September 2020 organised by Goa State Council for Science & Technology, Saligao-Goa.
- Participated in a virtual workshop organised by 'DST and ACS' on 30th October 2020 entitled "DST and ACS virtual workshop on scholarly publishing, peer review, ethics, plagiarism, science communication and careers".
- Participated in the '2nd Joint workshop of Birla Institute of Technology and Science (BITS) Pilani and Hiroshima University on various aspects of biological, pharmaceutical and chemical applications' held on 20th November 2020.
- Attended the International webinar on "Emerging research in Microbiology" on 20th December 2020 organized by the Department of Microbiology, P.E.S's R.S.N College, Farmagudi, Ponda -Goa.
- Completed AICTE Training and Learning (ATAL) Academy Online Sponsored Faculty Development Programme (FDP) on 'Synthetic Biology' from 14-12-2020 to 18-12-2020 organized by: Bharathiar University, Coimbatore and "Aqua-food technology (Emerging Food Processing Technologies: Prospects and Challenges for Food and Nutrition Security" from 04-01-2021 to 08-01-2021 at Tezpur University.
- Attended the International popular lecture series on 'Environment and health' organized by the Department of Biotechnology, Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu from 1st to 4th Feb 2021.
- Participated in the State level webinar on "Haematological Biomarkers in the diagnosis of COVID-19" on 03.02.2021 organized by Government College of Arts, Science and Commerce, Khandola. Marcela-Goa.
- Participated in the workshop cum training on "Natural Products from Marine Bio-resources" (Virtual Mode), organized by CSIR-NIO, Dona Paula, Goa from 30th-31st March 2021.

- Attended the on National Webinar on “Mucormycosis: 'The black fungus' traumatizing COVID-19 patients in India”, organized by the Department of Microbiology, Government College of Arts, Science and Commerce, Khandola, Goa in collaboration with Microbiologists society, India on 5th June 2021.
- Participated in the national talk series (seminar series) entitled ‘La Biologie - Know and Learn Biology’ jointly organized by Department of Botany & Zoology, JECRC University, Jaipur, Rajasthan on 10th June 2021.
- Participated in the National webinar on “Conservation of Nature -A way of life” to celebrate World Nature Conservation Day organized by the Department of Botany of Dhempe College of Arts and Science on 28th July 2021.

Faculty and Student Activity

Miss Inoska Mendes and Miss Sarah Kandhekar (2019 - 2020) presented a paper titled 'Sustainable Approach to Organic Farming in a Self-Designed Vermicompost Integrated Aquaponics Unit' guided by Ms. Vallanka Dias, Asst Prof, Dept. of Biotechnology at the International Conference (Virtual) on 'Affordable Strategies for Health, Environment and Food Technology' during 22-23 December, 2020 organized by the Department of Biotechnology Engineering, N.M.A.M. Institute of Technology, Nitte, Karkala.

Student Activity

- Ms. Swati Kumari Mishra, S.Y.B.Sc. Biotechnology student bagged the First prize in South Goa District in the 'District Youth Parliament 2020' on the topic 'National Education Policy 2020 will transform education in India' conducted on 30th December 2020. She also bagged First prize in 'State Youth Parliament 2020' on the topic 'Supercharging Youth for New India' on 5th January 2021 and represented the Goa State for the 'National Youth Parliament Festival 2021 NYPF2021' at New Delhi held on 12th January 2021 organised by the Government of India, Ministry of Youth Affairs and Sports, New Delhi.
- Ms Selcea Savia D'costa bagged the First prize and Ms. Scimran Maria DaCosta bagged the Third prize for the Sciencetoon Competition conducted on National Science Day in College.

Departmental Activities

1. Young Contributors in the world's First Scientoon Book titled 'Bye-Bye Corona' towards covid-19 awareness

World's first scientoon book titled 'Bye Bye Corona', authored by 'Scientoonist' – Dr.Pradeep Srivastava, Father of Scientoons, Former Senior Principal Scientist at CSIR-Central Drug Research Institute, Lucknow was released on 29th October 2020 at a function held at Raj Bhavan Lucknow, by her excellency Ms. Anandi Ben Patil, Governor of Uttar Pradesh. The book is published by Vigyan Prasar, an autonomous agency under the Department of Science and Technology (DST), Govt. of India. This Scientoon book is an attempt to show how common man can be made aware about SARS-CoV-2 infection or COVID-19 disease with the help of colourful interesting and eye-catching Scientoons which has been outcome of the two DST, Goa sponsored 'National Workshops on Scientoons' hands on training on creating Scientoons organized by the Department of Biotechnology in 2018 and 2020.

Also, it's a matter of great pride to appreciate the young contributors, B.Sc. Biotechnology students Scientoonists of our college – Ms. Lakiesha Inacia Coelho E Costa, Ms. Priyanka Shanke, Ms. Bhomkar Shreesiddhi Vinod, Ms. Da Costa Maria Scimran Blossom, Ms. Selcea Savia Da'Costa, Mr. Prathamesh Pundalik Shetgaonkar, Ms. Samradni Rohit Paigankar who have utilized the create innovative scientoons on present pandemic during the lockdown period in India

2. Guest Talks

Two Webinars on 'Career Guidance in Biotechnology' for the Life Sciences students of our college was conducted through Google meet wherein more than 60 students participated;

- Dr. Mani Ramakrishnan, Adjunct Faculty - Head of the Department of PG Bio-Sciences, Visiting Scientist to DNA Barcoding Lab, UAS-GKVK, Bangalore and Applied Genomics Lab, ICRISAT - Telangana, Chief Editor of an Annual Multidisciplinary Journal from Presidency University, Bangalore on 20th March 2021 at 10:30am.
- Dr. Tamal Raha, Founder of Integrated Biopharma and Pharma Solution (IBPS) – Drug Development and Regulatory/Clinical Strategy Expert Goa, India on 27th March 2021 at 10:30am.

3. Alumni Talk Series

A series of Webinars on 'My Career journey in Biotechnology' as a part of the Biotechnology Alumni Talk Series for the Life Sciences students of our college through Google meet as follows by;

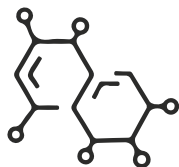
1. Webinar on 'The One with Divya Naik' was organized on 7th November 2020 by Ms. Divya Naik Senior Research Fellow at Mazumdar Institute of Translational Research, Bangalore.
2. Ms. Joans Pires, Masters in Biomaterials and Tissue Engineering from University College London (UCL) on 13th February 2021.
3. Ms. Sakshi Ahluwalia, Masters in Biomedical Science from National University of Ireland, Galway presently working as an Associate Biotech Production Specialist at Regeneron Pharmaceuticals Inc. Ireland on 27th February 2021.
4. Ms. Maclaez Vaz, Masters in Applied Bioinformatics from Cranfield University Bedford, United Kingdom on 6th March 2021.
5. Ms. Chaitra Shetty, Masters in Clinical Virology from Manipal University, Karnataka presently working as Molecular Virologist at Srinivas Institute of Medical Sciences and Research Centre, Mangalore on 13th March 2021.
6. Ms. Ankita Chattopadhyay Masters in Applied Microbiology from Vellore Institute of Technology, Vellore presently a PhD Scholar at Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore on 27th March 2021.
7. Ms. Saili Madangirikar, Masters in Biotechnology from Symbiosis School of Biological Sciences, Pune presently working as an Associate Biocurator at PierianDx Pvt. Ltd., Pune on 8th May 2021.
8. Mr. Rudraksh Madkaikar, Masters in Biotechnology, Bharati Vidyapeeth University, Pune presently working as an Executive E2 in MSAT Mammalian & Microbial Downstream processing at Lupin Biotech Ltd., Pune on 15th May 2021.

4. BIOCHROME – DEPARTMENT CLUB ACTIVITIES 2020-21

The nomination of the Biotechnology class representatives of 2020-21 for Third Year - Miss. Scimran Maria DaCosta; Second Year - Master. Stanford Lloyd Fernandes and First Year - Miss. Verlee Simreen Silva was announced on 18th September 2020.

Biotechnology club conducted the following Biochrome activities through Google classrooms.

1. 'Online Biotechnology Painting/Art Competition' on the theme 'Role of Biotechnology in Environmental Clean-up' was conducted on 10th October 2020 wherein 50 students participated. The first and second prizes were bagged by F.Y.B.Sc. Biotech student, Ms. Bliza Christal Rodrigues and T.Y.B.Sc. Biotech student Ms. Scimran Maria Da Costa respectively.
2. 'Online Sciencetoon competition' on the following theme's: - Social life Post Covid-19; Education system Post Covid-19 and Future trends in Biotechnology was conducted on 14th November 2020 wherein 49 students participated. The first prize was bagged by T.Y.B.Sc. Biotech student, Ms. Selcea Savia D'Costa, second prize was bagged by S.Y.B.Sc. Biotech students Mr. Prathamesh Pundalik Shetgaonkar and third prize was bagged by F.Y.B.Sc. student Ms. Bliza Christal Rodrigues.
- 3) 'Online Innovative Photography Competition' on theme 'Microorganisms as Bio-helpers' and 'Various growth phases of self-grown Micro-greens' was conducted on 11th January 2021 wherein 52 students participated. T.Y.B.Sc. Biotechnology student, Ms. Amanda Vas bagged the first prize and S.Y.B.Sc. Biotechnology student, Mr. Stanford Lloyd Fernandes bagged the second prize.
- 4) 'Online Essay writing competition' on the theme 'Biotechnology - Present and Future', 'BioWar - Pros and Cons' and 'Bye-Bye Covid-19' was conducted on 15th January 2021 wherein 52 students participated. F.Y.B.Sc. Biotechnology student Ms. Bliza Christal Rodrigues bagged the first prize and S.Y.B.Sc. Biotechnology student Ms. Swati Mishra bagged the second prize.



Department of **CHEMISTRY**

The Department of Chemistry was established in the year 1962. The department aims to provide sizable knowledge in Chemistry and make an individual a better citizen in the society of chemical sciences with a special attention on Basic Research.

The courses conducted by Department of Chemistry is Semester based B. Sc. in Chemistry.

The Undergraduate Department consists of nine Faculty Members.

Since, 2013-2014, the Post graduate Department of Chemistry initiated Two Year Postgraduate (M. Sc.) Programme in Analytical Chemistry. The Postgraduate Department consists of four Faculty Members.

UNDER GRADUATE DEPARTMENT OF CHEMISTRY

Students' Achievement

Students' performance at Goa University - Admission Ranking Test

Three students Rivonker Shubham, ranked Third; Gaonkar Rupesh and Crasto Navita jointly ranked fifth in the Goa University - Admission Ranking Test for the admission to M. Sc. Chemistry for the admission at Academic Year 2021-2022.

FACULTY PARTICIPATION IN WEBINARS, WORKSHOPS AND ACTIVITIES ORGANIZED:

Dr. G. K. Naik

Research Paper in Elsevier:

Effect of Co substitution on structural and magnetic properties of $\text{Ni}_{0.6}\text{Zn}_{0.4}\text{Fe}_2\text{O}_4$ nano ferrite; Yatin P. Desai, Shantadurga Desai, Disha Sinai Sangaonkar, Manoj M. Kothawale, G. K. Naik; Materials Today: Proceedings 46 (2021) 2261-2265, published online on June 21st, 2021

Participation in Webinars

- ACT National Webinar on Instrumental Methods of Analysis (NWIMA-2020), organized by Association of Chemistry Teachers (ACT), C/O Homi Bhabha Centre for Science Education (TIFR) Mumbai and Chemistry Department, Kamla Nehru Mahavidyalaya, Nagpur and Kalasalingam Academy Research and Education, Krishnakoli, India, held during October 17th - 18th, 2020.
- The webinar entitled "General Research Methodology (Literature Search and Paper Writing)" organized by the Department of Chemistry, DAV University, Jalandhar India on November 3rd, 2020.
- National Level Technical Meet on "Micro and Nano Fabrication and Characterization Techniques" organized by Department of Physics (SF), Kamaraj College, Thoothukudi-628003, Tamil Nadu, held on November 9th, 2020.
- "Electrochemical Microsystems for Bioanalysis" conducted by Department of Chemistry, K. L. E. Institute of Technology, Gokul, Hubballi (Approved by AICTE, New Delhi, affiliated to VTU, Belagavi and ISO 9001:2015 certified, accredited by NBA) held on November 18th 2020.
- National Conference (virtual) on "Nanomaterials for Environmental Applications" organized by the Post Graduate Department of Chemistry, Ponda Education Society's, Ravi S. Naik College of Arts and Science, Farmagudi Ponda-Goa, held during December 28th - 29th, 2020.

- National Quiz on “Chemical Sciences” organised by Department of Applied Chemistry, Karunya Institute of Technology and Sciences (Deemed University) Coimbatore, India, held on January 14th, 2021
- International Webinar on “Empowering Diversity in Science”, organized by Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur (Maharashtra) and Association of Chemistry Teachers (ACT), C/O Homi Bhabha Centre for Science Education (TIFR) Mumbai held on February 9th, 2021 in Collaboration with International Union of Pure and Applied Chemistry (IUPAC), Global Women’s Breakfast.
- One week Faculty Development Programme on “Functional Materials for Engineering Applications” sponsored by the Centre for Excellence in Advanced Materials Research, TEQIP-III, organized by B. M. S. College of Engineering, Bengaluru-19, an Autonomous Institute affiliated to V.T.U, Belgavi, during February 15th - 19th, 2021, in association with MJP Rohilkhand University, Bareilly.
- International Webinar on “Innovations in Science and Technology”, (IWIST-2021) organized by Department of Chemistry, Smt. Narsamma Arts, Commerce and Science College, Kiran Nagar Amravati (Maharashtra) and Association of Chemistry Teachers (ACT), C/o Homi Bhabha Centre for Science Education (TIFR) Mumbai held on February 27th, 2021.
- International Webinar on “Sub sustainable Chemistry”, (IWSC-2021) organized Association of Chemistry Teachers (ACT), C/O Homi Bhabha Centre for Science Education (TIFR) Mumbai held on March 18th, 2021.
- National Webinar on “Innovations in Materials Science and Green Technologies”, organized under the aegis of MHRD-Design Innovation Centre, Centre for Converting Technologies, University of Rajasthan, Jaipur, held on March 31st, 2021.
- One-week online Faculty Development Programme on “Essential Skills and Technologies for Quality Research”, organized by Library and Information Centre, P. E. S. College of Engineering, Madya, Karnataka- 571401, an Autonomous Institute affiliated to V. T. U, Belgavi, during March 03th - April 04th, 2021.
- One Week Online STTP “Design Thinking as Strategical Tool for Innovation and Creating Start-up”, sponsored by GUJCOST and ICSII, and organized by the “Mechanical Engineering Department” IITE, Indus University, Ahmedabad (Gujrat), during April 19th - 23rd, 2021.

- National Webinar on the topic “Bio-inspired Chemistry for Understanding the Role of Metal Ions in Biocatalysis” organised by Srushti Eco Club in collaboration with Department of Chemistry, Ponda Education Society’s Ravi S. Naik College of Arts and Science Farmagudi, Ponda-Goa, held on May 28th, 2021.
- International E-Conference on Recent Advances in Chemical, physical and biological Sciences (RACPBS-2021) organized by Department of Chemistry, Nabira Mahavidyalaya, Katal and Association of Chemistry Teachers (ACT), C/o Homi Bhabha Centre for Science Education (TIFR) Mumbai, during 29th - 30th June, 2021.
- The NAAC Sponsored National Webinar on “The Impact of Covid-19 Pandemic Crisis on Higher Education Institutions in Karnataka and its Challenges” (ICPCHEIKC-2021) organized by Internal Quality Assurance Cell (IQAC), HKE Society’s, Shri Prabhu Arts, Science and J. M. Bohra Commerce Degree College, Shorapur, District; Yadgiri, Karnataka-India held on 20th July, 2021.
- The National Webinar on “Recent Advances in Chemistry” organised by the Department of Chemistry and IQAC, Government G.N.A PG College, Bhatapara (C.G.) held on 26th July 2021

Dr. Roopa S Belurkar

- ‘One Day National webinar on Green Approaches in Drug Discovery’ organized by Department of Chemistry, Sawarkar Mahavidyalaya, Beed on 13th August 2020
- National level Webinar on "ADVANCE CHEMICAL SCIENCES AND THEIR APPLICATIONS" organized by Department of Chemistry in association with Internal Quality Assurance Cell (IQAC), Pattamundai College, Pattamundai, Kendrapara, Odisha on 16th September 2020.
- The Science Academies’ Virtual Lecture Workshop on “Frontiers in Material Sciences” held at School of Chemistry, Gangadhar Meher University, Sambalpur, Odisha during October 9-10, 2020.
- The National Conference (Virtual) on "Nanomaterials for Environmental Applications" organised by Post-Graduate Department of Chemistry, P.E.S's, R.S.N. College of Arts and Science, Farmagudi, Ponda-Goa on 28th & 29th December 2020.

- State level web based lecture series on “Insights of Instrumentation & Characterization techniques” organized by Department of Chemistry, Government College of Arts, Science and Commerce, Khandola, Marcela-Goa, on 10th May, 16-17th June 2021.
- Webinar on ‘FUNGAL DIMENSION OF GLOBAL BIODIVERSITY’ Organized by Department of Sustainability and Green Initiatives in association with IQAD GCASCK on the occasion of International day for biological diversity 2021 on 22nd May, 2021 organised by Government College of Arts, Science and Commerce Khandola, Marcela-Goa.
- Two Day State Level Workshop on Employability Skills: Resume Writing & Inter-view on 25th and 26th June 2021, organized by the Department of Psychology, Government College of Arts, Science and Commerce Khandola, Marcela-Goa.

Dr. Manjita R Porob

- Organized a virtual talk entitled “My career journey in Chemistry – from academics to academics” on 19/12/2020 for TYBSc students by our alumnus Dr.HariKadam, Assistant Professor, School of Chemical Sciences, Goa University.
- Organized a virtual talk on “Career opportunities in Pharmaceutical sector” on 19/12/2020 for TYBSc students by Shri. BhaskerNapte QC head, Manisha Analytical lab- Mumbai
- Successfully completed a five days online faculty development program on "Research Skills and Techniques" organised by Reva University, Bangalore from 24/5/21-28/5/21.
- Successfully completed One Week Online National Faculty Development Program on ‘Strengthening Academic and Research pursuits in the 21st century’ jointly organized by Department of Chemistry and Biochemistry, School of Basic Sciences and Research, Sharda University, Greater Noida and Guru AngadDev Teaching Learning Centre, SGTB Khalsa College, University of Delhi in collaboration with Ministry of Education from 28/6/2021 – 4/7/2021
- Successfully completed an online workshop on ‘Designing and Development of e-Resources for Teaching and Learning’ organized by the Department of Chemistry and Department of Computer Science, Rajdhani College, University of Delhi from 22/6/21 – 24/6/21
- Successfully contributed modules in Physical Chemistry for development of e content of DHE project Dishtavo from August 2020 – July 2021.

- Participated at Webinar on “International Symposium on Materials Science and Innovation for Sustainable Society” organised by Nanomaterial Research Center, Meijo University, DCT's Dhempe College of Arts & Science and Government College of Arts, Science and Commerce, Khandola, under Cluster of Colleges for Research in Chemistry Goa on 26th & 27th August, 2020, Goa - India
- Participated in International webcon on recent advances in Chemistry education and Chemical research organised by Association of Chemistry teachers C% HomiBhabha centre of science Education Mumbai and Department of Chemistry MLSM college, Darbhanga, Bihar India from 29/11/20- 1/12/20
- Attended National Conference (virtual) on “Nanomaterialsfor Environmental Applications” organized by PG Department of Chemistry, P.E.S's R.S.N college of Arts and Science, FarmagudiPonda Goa from 28/12/20- 29/12/20.

Ms. Padmini C. Raiker

Publications:

- 1. Padmini C. Raiker in collaboration with Mainak Banerjee, Amrita Chatterjee, Dharmendra Das and Akhil Bhosle published a research article entitled “Mn(I)-Catalyzed Mechanochemical C-H Bond Activation: C-2 Selective Alkenylation of Indoles” in scopus as well as web of science indexed journal of American Chemical Society-ACS Sustainable Chemistry and Engineering with impact factor 7.2 on 16th December 2020.
- 2. Padmini C. Raiker in collaboration with Mainak Banerjee, Amrita Chatterjee, Zigmee Bhutia and Akhil Bhosle published a review article entitled “Micellar nanoreactors for organic transformations with a focus on “dehydration” reactions in water: A decade update” in scopus as well as web of science indexed journal of Elsevier publishers-Tetrahedron with impact factor 2.379 on 21st May 2021.

Conferences/workshops/FDPs attended:

- Padmini C. Raiker successfully completed one week Online National Faculty Development Program jointly organised by Guru Angad Dev Teaching Learning Centre, SGND Khalsa College, University of Delhi on "The Road Ahead: NEP and Pedagogies" with A+ grade between 01st-05th April 2021.

- Padmini C. Raiker successfully completed 5 days Online Faculty Development Program organised by Reva University on "Research Skills and techniques" held between 24th-28th May 2021.
- Padmini C. Raiker successfully completed one week Online National Faculty Development Program jointly organised by Guru Angad Dev Teaching Learning Centre & SGND Khalsa College, University of Delhi on "The Road Ahead: NEP and Pedagogies" with A+ grade between 01st-05th April 2021.
- Padmini C. Raiker successfully completed 3 days workshop organised by Rajdhani College, University of Delhi on "Designing and Development of e-Resources for Teaching and Learning" with A grade between 22nd-24th June 2021.
- Padmini C. Raiker successfully completed one week Online National Faculty Development Program jointly organised by Department of Chemistry and Biochemistry, School of Basic Sciences and Research, Sharda University, Greater Noida and Guru Angad Dev Teaching Learning Centre, SGND Khalsa College, University of Delhi on "Strengthening Academic & Research Pursuit in the 21st Century" with A+ grade between 28th June-04th July 2021.
- Padmini C. Raiker attended and did oral presentation in two day virtual conference organised by Dynanprassarak Mandal's College and Research Centre in association with Syngenta Biosciences Pvt. Ltd. on "Advances in Green Chemistry and Sustainable Technology held between 29th-30th September 2021.

Dr. Lactina Gonsalves**Webinar on “Intellectual Property Rights”**

A Webinar on “Intellectual Property Rights” was conducted for faculty and S.Y. B. Sc students of Chemistry on 05.12.2020. The webinar was aimed to acquaint the S.Y.B. Sc. students and teachers on the various aspects of intellectual property rights especially those related to academics and scientific innovations. Dr. Lactina Gonsalves introduced and welcomed the resource person Dr. Reshma Kurangi, who with her vast knowledge of IPR and experience in patent filing and related process enlightened the participants about the need and importance of IPR. The webinar concluded with a vote of thanks proposed by Dr. Sachin Kakodkar.

Participated in the following:

- The winter School on “Electronic Structure and Molecular Dynamic Simulations using open source software's: from Theory to Practice”, jointly organized by Department of Physics, Parvatibai Chowgule College of Arts and Science, Margao and Super computer center Kathmandu University, Nepal held during 27th September- 4th October.2020.
- ACT National Webinar on “Instrumental Methods of Analysis” (NWIMA -2020) from 17 to 18th October 2020 organised by Association of Chemistry Teachers (ACT), Department of Chemistry, Kamala Nehru Mahavidyalaya, Nagpur and Kalasalingam Academy of Research and Education, Krishnakoli, India.

Dr. Mayuri Naik

Dr. Mayuri M. Naik organized a “Poster competition” for all F. Y. B. Sc., S. Y. B. Sc. and T. Y. B. Sc. Chemistry students of Parvatibai Chowgule College of Arts and Science, Autonomous to commemorate “National Science Day 2021”. It also aimed to provide a platform to all these Chemistry students to put their innovative ideas into practice on the given theme “Future of Science, Technology and Innovation: Impacts on Education, Skills and Work” through poster. The competition was conducted through online mode from 15th to 24th February 2021. Out of total 10 students who submitted the poster, Ms. Siddhi Deelip Naik (S. Y. B. Sc.) won first prize, Mr. Alic Carvalho (F. Y. B. Sc.) won second prize and Mr. Prathamesh Samant (T. Y. B. Sc.) won the third prize.

Participated in the following:

- One Day Online National Workshop entitled “ICT Tools For Chemistry Teachers” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education on 22nd February 2021 from 04:00 – 06:00 pm.

- The UGC Sponsored “Online Webinar on Ethics & Research” organized by UGC-Human Resource Development Centre, Gujarat University, Ahmedabad on 24th February 2021 from 03:00 – 05:00 pm.
- The National Webinar on the topic “Bio-inspired Chemistry For Understanding The Role Of Metal Ions In Biocatalysis” organised by Srushti Eco Club in collaboration with Department of Chemistry, Ponda Education Society’s Ravi S. Naik College of Arts and Science, Farmagudi, Ponda-Goa on 28th May 2021.
- E-symposium on “Recent Trends on Applications of Chemistry in Engineering” organized by Department of Chemistry, Sciences and Humanities, Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad from 4th-6th June 2021.
- First National E- Conference on “Environment and Sustainable Development” jointly organized by Sardar Patel College of Engineering (SPCE), Bakrol & State NSS Cell of Gujarat on 5th June 2021.
- Two days online workshop on “Plagiarism and Research Ethics” Under UGC Scheme, STRIDE Component – I (Research Capacity Building) organized by Department of Library, Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist. Aurangabad (MS), on 7th-8th June 2021.
- The National Webinar on “A Simple Perspective of Sweet Chemistry and Covid-19 Molecule” organized by the Department of Chemistry, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, Tamil Nadu on 11 June 2021.
- The International Level Webinar on “Green Organic Chemistry” organized by the Department of Chemistry, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, Tamil Nadu on 16 June 2021.
- State level web-based lecture series on “Insights of Instrumentation & Characterization techniques” organized by Department of Chemistry on 10th May, 16-17th June 2021.

Dr. Priyanka R. Talak

- Organized a Webinar on ‘Swacch Brigade’ on 24/4/2021 in online mode for the students of TYBSc and FYBSc Chemistry by Mr. Aman Singh, Founder Swacch Brigade.

- Organized a virtual talk 'Waste management and composting' on 24th October 2020 for FYBSc students to commemorate Ozone Day by Ms. Devaki Shinkre, founder of Di's planet and ex faculty of Goa Engineering college, Farmagudi Goa.

Dr. Pratibha Bakre

- Presented poster entitled: "CuO-NiO-TiO₂ nanocomposites an effective catalyst for environmental remediation" at the International Conference on Nanoscience and Nanotechnology (ICONN 2021) organized by Department of Physics and Nanotechnology, SRM IST, India during February 01 – 03, 2021.

POST GRADUATE DEPARTMENT OF CHEMISTRY

Students' Achievement

- The following four students completed the Three Months Virtual Post Graduate Certificate Course on "Drug Design and Development" Truly Industry Academia Meet, organized by Bharatiya Jain Sanghatana's Arts, Science and Commerce College Wagholi, Pune-412207, held from April 1st to June 30th 2021.
- Shambhavi M. Naik
- Tanvi N. Shet Verenkar
- Mahima T. Mainkar
- Sneha Kumbhar

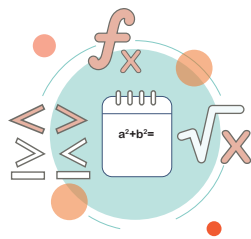
Student Participation:

- M. Sc Part I students namely; Saini Priyanka Kumari, Pranali Dalvi, Hemangi Appaji Kale, attended Four Day online National workshop "Recent Trends in Organic and Inorganic Chemistry: From Teaching-Learning and Research Perspective" organized by the Department of Chemistry, Gogate-Jogalekar College, Ratnagiri, in association with "Royal Society of Chemistry" West India Section, Mumbai from 03rd April to 06th April 2021.

- M. Sc part II student Ms. Ankita Kadam, attended Four Day online National workshop “Recent Trends in Organic and Inorganic Chemistry: From Teaching-Learning and Research Perspective” organized by the Department of Chemistry, Gogate-Jogalekar College, Ratnagiri, in association with “Royal Society of Chemistry” West India Section, Mumbai from 03rd April to 06th April 2021.
- M. Sc part II student Ms. Ankita Kadam, attended ACT National Webinar on “Instrumental Methods of Analysis” organized by Association of Chemistry Teachers, Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur and Kalasalingam Academy of Research and Education, Krishnakoli, India from 17th to 18th October 2020.
- M. Sc part I students namely; Nyla Rego, Shania Diana Correia, attended ACT National Webinar on “Instrumental Methods of Analysis” organized by Association of Chemistry Teachers, Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur and Kalasalingam academy of Research and Education, Krishnakoli, India from 17th to 18th October 2020.
- MSc part I student Ms. Manasi Lotlikar attended State Level web based lecture series on “Insights of Instrumentation and Characterization Techniques” organized by Department of Chemistry on 10th May and 16th - 17th June 2021.

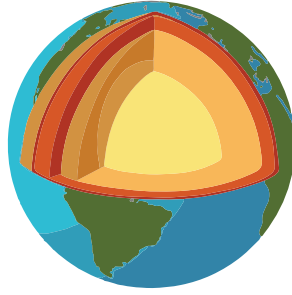
Faculty Participation:

- Ms. Shefali Santosh Ainkar attended the following:
- ACT National Webinar on “Instrumental Methods of Analysis” organized by Association of Chemistry Teachers, Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur and Kalasalingam Academy of Research and Education, Krishnakoli, India from 17th to 18th October 2020.
- International Webcon on “Recent Advances in Chemistry Education and Chemical Research” organized by Association of Chemistry Teachers C/o Homi Bhabha Centre of Science Education (TIFR) Mumbai and Department of Chemistry, MLSM College, Darbhanga, Bihar, India from 29th November to 1st December 2020.
- National Webinar on “Functional Materials” organized by Society for Promotion of Material Science, Nagpur and Jagat Arts, Commerce and I. H. P. Science College, Goregaon, District Gondha on 21st February 2021.



Department of MATHEMATICS

- The students from the department of mathematics had participated in the following activities:
- Mr. Mifron Fernandes of TYBSc. Participated in a National Level Webinar on “Application of Euclidian Division Theorem $b=aq+r$ ” organised by Department of Mathematics, Poornapranja College and Post Graduate centre, Udupi on 25th August 2020.
- Mr. Bento Fernandes of FYBSc. Participated in a PowerPoint presentation competition organised by Ganpat Parsekar college of Education on 23rd December 2020.
- Mr. Mifron Fernandes of TYBSc. Participated in the MTTTS (Mathematics Training and Talent Search programme) follow up programme on “A conceptual Introduction to Several Variable Calculus” held online from 10th to 28th February 2021.
- The Department of Mathematics organised a Presentation competition for the TYBSc students on 27th February 2021 to commemorate National Science Day. 5 groups of students participated in the competition.
- Ms. Anjali and Mr. Sanket Sinari of SYBSc. participated in an online Intercollegiate quiz competition on Mathematics organised by Government college of Arts, Science and commerce on 7th April 2021.
- Ms. Pooja Rawat and Ms. Anjali of SYBSc. attended the MTTTS (Mathematics Training and Talent Search programme) held online from 11th June 2021 to 5th July 2021.
- Seven students among the Top 10 students for the Goa University Admission ranking test for Mathematics were from Mathematics department of Chowgule college. Mr. Mifron Fernandes of TYBSc. was selected for the Post graduate programme at Indian Institute of Technology, Chennai. Mr. Mayuresh P.S. Khandeparker was selected for MSc. Data Science at Vellore Institute of Technology, Vellore, Tamil Nadu. Mr. Siddhant Naik of TYBSc. was selected for the Post graduate programme at Christ University, Central Campus, Bangalore.



Department of **GEOLOGY**

Faculty Participation:

- Malcolm Afonso Completed "Advance Python Programming" online course offered by Foursttreps Training Solutions Private Limited, Chennai, India, July 2021
- Malcolm Afonso Successfully completed the course "Data Visualization" offered by Kaggle on 24th 'April 2021.
- Malcolm Afonso Completed the "How to write a successful research paper" online course on April 21, 2021. by Andre Klapper, Ph.D., Instructor & Udemy.
- Malcolm Afonso Completed the webinar "Hyperspectral Data for Land and Coastal Systems" organized by NASA's Applied Remote Sensing Training Program on Jan 19th,,26th and Feb 2nd 2021.
- Malcolm Afonso Participated in a two-day workshop on "Research Grant Writing" organised by the Directorate of Higher Education, Goa in association with Government College of Arts, Science & Commerce, Quepem Goa on 16th and 17th March 2021 at SCERT Building, Porvorim-Goa.
- Malcolm Afonso Participated in an online course titled "Overview of Geoprocessing using Python" This online course was conducted from 18-01-2021 to 29-01-2021 by the Indian Institute of Remote Sensing, Dehradun through the nodal center at Parvatibai Chowgule College of Arts and Science Autonomous, Goa.
- Malcolm Afonso Completed 5 total hours of the "Statistics for Data Science and Business Analysis" online course on January 25, 2021, offered by 365 careers and Udemy.

- Malcolm Afonso Attended short term Web-based training course on "Satellite based Flood Assessment and Modeling" under TREES (Training and Research in Earth EcoSystem), an initiative of Space Applications Center (ISRO), Ahmedabad during 03-05 November 2020.
- Malcolm Afonso Successfully completed advance module (Track 2) of the MOOC on "Geospatial Applications for Disaster Risk Management" jointly conducted by the Center for Space Science and Technology Education for Asia and the Pacific (CSSTEAP) & United Nations Platform for Space based Information for Disaster Management and Emergency Response (UN-SPIDER), Oct-Nov'2020.
- Ms. Swati Ghadi participated in a 3 day e-Training on "Fundamentals of Volcanology conducted by the Geological Survey of India Training Institute, Hyderabad from 28th to 30th September 2020.
- Ms. Swati Ghadi successfully completed 4 weeks of Online Faculty Induction Programme / Orientation Programme, hosted by Ramanujan College, New Delhi, in collaboration with Khalsa College, Amritsar, Punjab from 19 th July 2021 to 17th August 2021.
- Dr.Meghana S Devli and Ms.Swati Ghadi worked and submitted a report on 'Economic Revival Plan for the Village of Guirdolim', Salcete.This project is an initiative by the Government of Goa, DHE & GIPARD.

Department Activities:

1. Geology field exercise at Palolem

Students of Third Year and First Year Geology along with Assistant professor Malcolm Afonso and Assistant Professor Swati Ghadi carried out a field exercise at Palolem. Students took several field observations such as trends of dykes, foliations, and observed the nature of contacts between the various lithologies exposed. Made outcrop and hand specimen descriptions in the field and tried to infer the geology of the place. Student Video Presentation organized by the Department of Geology on the occasion of Prerna Divas (National Science Day).

Students and the faculty of the Department organized a virtual meet wherein the entries of each of the participants were featured.

The winners were as follows:

- 1st Place: Apoorva A Pimprikar (FyBsc): Use of Visible Geology and Google earth tool to understand structural aspects of rocks, an example of Folds.
- 2nd Place: Lisa Marie Rodrigues (SyBsc): The Grand Canyon through the lens of technology
- 3rd Place: Jeremy Miranda (SyBsc): Understanding the threat to the nature of Goa using Google earth pro.

3. Student-Expert cum Alumni Interactive Session

The Department organized a Student- Expert cum alumni interactive session. The speakers were Vikas Peeru, Deputy Manager Exploration, Vedanta Ltd. and Santosh Ghadi, Deputy Manager Mine Planning, Vedanta Ltd. The session was organized on 11/12/2020 from 9.30 am to 12.00 pm in online mode.

4. A Student-led webinar on the topic "Virtual Tools for Learning Geology" was organized on 17/4/2021. The event was streamed live on Club Nebula Youtube Channel launched by Mr Aaron, Student of Second year. The event was attended with the participation of students and faculty from colleges from Goa and Mumbai. The student speakers and virtual tools presented were as follows.

1. Visible Geology - Apoorva A Pimprikar, First Year Student.
2. Virtual Microscope- Meldrin Afonso, Second Year Student.
3. Google Earth pro- Lisa Rodrigues, Second Year Student.

Seminars, Workshops and Activities Organized:

Workshop on Geophysical Methods for Groundwater exploration using Resistivity Method

One day workshop on Geophysical Methods for Groundwater Exploration using Resistivity Method for the second year students was organized on 21/12/2020. The resource person for the workshop was Mr Smitesh Talawadkar, Proprietor and Managing Director of Terra Hydrotech Solutions, Vasco, Goa.



Department of **GEOGRAPHY**

The Department conducted various activities for the students and the faculty during the academic year to enhance their subject knowledge as well as research skills. Therefore this year's report is a reflection of the achievements and activities of the department signifying engagement of the faculty and students beyond class room curriculum through various activities and events. It needs to be emphasized, the department has been persistently achieving new milestones; this year, in spite of Pandemic Covid situation, the department continued its headway.

FACULTY PARTICIPATION AND ACTIVITIES

Faculty Achievement

1. Dr , Nandkumar Sawant , Professor & Head and Shri Rahul Pillai , granted international research Grant from European Commission for 2 years.
2. Dr Sanjay Gaikwad , Assistant Professor , provided a grant to conduct online FDP under ATAL Scheme.
3. Mrs. Aisha Shaik, Assistant Professor, was awarded Nation Builder Award by Rotary India Literacy Mission in December, 2020.
4. Shri Sachin Gaonkar, Faculty , Assistant Professor in the department of Geography cleared UGC NET June 2020 (National Eligibility Test) in the subject of Geography

Students' Achievement

1. Mr. Aniruddha Bhat, student, TY BSc Geography, stood 1st in the "Talkathon" conducted by GDP Foundation, Goa from 1st February 2021 to 21st February 2021. He presented a solution to build a system integrated with Geographic Information Systems (GIS) and Global Positioning System (GPS) which could bring about a change in the way waste was being collected and disposed.
2. Two ex students of the Post graduate department of geography, Shri. Adrel Gomes and Deeksha Talaulikar cleared UGC NET 2020 (National Eligibility Test) in the subject of Geography.

Courses Attended and Completed:

The faculty and students of the department has been persistently upgrading their knowledge in the domain of geography through various faculty development programmes and completion of certificate courses:

- i) Prof. Nandkumar N. Sawant, Head of the Department, completed the following course
 - Attended and completed 7 days online programme on Statistical Analysis and Basic of research using excel organized by the National Press Association, from 12-18th June, 2021.
- ii) Dr. Sanjay Gaikwad, Assistant Professor, completed the following courses
 - An online course on 'Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials' conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, from 13th June to 1st July 2020.
 - NPTEL online course in Geomorphology & Spatial Analysis Urban Planning. He was the topper in this course by securing 68%.
 - NPTEL Online Course on Geomorphology on the SWAYAM platform (swayam.gov.in) 27th January to 17th April 2021
 - Workshop cum Training "Natural Products from Marine Bioresources" (Virtual Mode), organized by CSIR-NIO, Dona Paula, Goa, during 30-31 March 2021.

iii) Ms. Ashlesha Saxena, Assistant Professor, completed the following courses

- An online course on 'Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials' conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, from 13th June to 1st July 2020.

iv) Mr. Ashish Ashwini, Assistant professor, completed the following courses

- NPTEL Online Course on Geomorphology on the SWAYAM platform (swayam.gov.in) 27th January to 17th April 2021 with score of 80%.

v) Mr. Deepak Kumbhar, Assistant Professor, completed following online courses (MOOCS)

- Geospatial Applications for Disaster Risk Management conducted by United Nations, Office of Outer Space & Indian Institute of Remote Sensing from 13th October - 13th November 2020.
- Remote Sensing & GIS Application conducted by Indian Institute of Remote Sensing from 02 November 2020 - 20 November 2020.

vi) Mr. Anirudha Bhat, student, TY B.Sc, completed the following online courses

- 6 weeks course in Cartography, conducted by ESRI (completed on 30th May, 2020).
- 6 weeks course in Spatial Data Science: The New Frontier in Analytics conducted by ESRI (Completed on 2nd April, 2020).
- 6 weeks course in The Location Advantage conducted by ESRI (Completed on 17th June, 2020).

RESEARCH GRANTS, PUBLICATIONS, PRESENTATIONS, CONSULTANCY AND EXTENSION ACTIVITIES

The department has been given continuation of research center for next three year 2021-2023 by the Goa University.

1. International Research Grants

Prof. Nandkumar N. Sawant, Head of the Department & Rahul Pillai, Ph. D. scholar, have been granted collaborative research entitled cultural heritage in Indian Ocean, from global to local: Tanzania, Reunion, India, Mauritius. Funded by European Commission & collaborators are University of La Union, University of Mauritius, University of Zanzibar, University of Dar-e-Salam & University of Pondicherry. This is a two year project 2021-2023. This is second international collaborative project bagged by him. The earlier was in 2018.

2. Paper Publications

- Ferro A & Sawant N. N. (2020) Urban socio- cultural spacing and religious Identity – Perceptions of Muslims in Margoa Town, Goa ,Urban India 40(II) 161-170. (UGC listed) ISN 0970-9045.
- Sawant N. N. & Gaonkar S. (2020) Rural Occupation and Its Impact on Income levels of the local populace – Insight of village Marcela, Goa, Parimarsh (April 18- Sept. 20) pp 44-50. (ISSN 2395-4612
- Nadaf F. M. & Prabhugaonkar V. G. (2021): Spatio temporal Monitoring Land use Land cover transforming using cellular autometa- Markov model – A case study of Urban Canacona, Goa- India, Bulletin of environment formafology and life science

3. Article Publication In Book

- Sawant, N.N, & Fernandes, N.V. (2021). Study on Curriculum Redesigning- Suggestive Framework for Skill Enhancement in Higher Education in India. Modern Perspectives in Language, Literature and Education Vol. 8, 114– 124.
<https://doi.org/10.9734/bpi/implle/v8/4089F>

- Sawant N. N. & Anila K. P. (2021) Role of Writing Centres in Developing writing skills -- A case of Parvatibai Chowgule College of Arts & Science, Margao - Goa; in the book NAAC for Quality and Excellence in Higher Education in India. Rajesh Publications, New Delhi (ISBN 978-93-91139-11-7)

4. Resource Persons:

Based on the professional experience & expertise, the faculty of the department were invited as resource persons for various academic deliberations.

Dr. Nandakumar Sawant

- Resource Person for the Online Orientation on 'How to Approach Research in Social Science: Conceptualization and Methodological Intervention' organized by Savitribai Phule Mahila Vidyalaya, Sikar, Rajasthan on 20th September 2020. He spoke on **'Review of Literature: Pathway to Research'**.
- Resource Person for the National Webinar on **'Global Climate Changes and Cities: Risk and Resilience'** organized by Department of Geography, Devchand College, Kagal, Kolhapur on the occasion of Ozone and Equinox Day on 24th September 2020.
- Resource Person for the Online 107th Faculty Induction Program from 22.09.2020 to 27.10.2020 organized by UGC-Human Resource Development Centre, Goa University for the newly recruited faculty at College/University. He delivered a session on **'OBE and curriculum designing for Higher Education'** on 10th October 2020.
- Resource person for the 108th Faculty Induction Program (17.11.2020 to 23.12.2020) for the newly recruited faculty at College/University. UGC-Human Resource Development Centre, Goa University. He spoke on **"OBE and curriculum designing for Higher Education"** on 5th Dec, 2020.
- Resource person for the refresher course in Geography, Conducted by the Environment and Sustainable development from 11th Jan to 23rd Jan, 2020 conducted by the HRD, Rajasthan University, Jaipur. He spoke on 20th of January on **"Development models in Tourism and Sustainable development"**. He presented comparative studies of Goa and Bacary, Philippines as coastal destinations and Bhutan and Nepal as highland tourist destinations.

- Resource person for the Faculty Development Programme in Geography. He spoke on **"International Migration and Ramification: An interdisciplinary Approach"** on 15th Jan, 2021 conducted by Commissionerate of Higher Education, Government of Rajasthan and Government College, Kota.
- Resource person for the Two day National Seminar on **"NAAC Accreditation : A step towards achieving excellence in Higher Education"** organized by the RJ College of Arts Science and Commerce (Autonomous) , Ghatkopar , Mumbai on 16th& 17th Jan, 2021. He spoke on **"Students Progression and Infrastructure"** (Criteria IV & V)
- Resource person for the one week Faculty Development Programme in **"Teacher Education: Learning Outcomes and Educational Reforms- Pedagogy, Assessment and Quality"** from 1st February to 14th February, 2021 conducted by UGC-HRDC, Rajasthan University, Jaipur. He delivered three sessions namely:
 - a. Using Blooms to Map Course outcomes.
 - b. Problem based learning a method for student centric learning.
 - c. Learning Outcome Based Education (LOBE).
- Four Faculty Members Prof. Nandkumar Sawant, Dr. Nandini Vaz Fernandes, Shri. Deepak Kumbhar and Shri. Stephen Dias were invited as the Resource Person for the workshop on Wildlife Management through GIS and GPS Technology conducted by the Goa Forest Department, Govt. of Goa on 19th February, 2021 (Saturday).
- Resource person for **"Initiatives For Teaching-Learning Excellence In Environmental Studies"** FDP organized by Gyan-Ganga, An initiative of the Commissionerate, College Education, Govt. of Rajasthan Jaipur, Rajasthan for the Faculty development programme from 1st march to 6th March, 2021. He spoke on Problem Based method for understanding environmental issues on 3rd March 2021.
- Resource person for Course work for Ph.D scholars under Pune University, organized by S.P College (Autonomous) Pune on 8th April, 2021. He conducted two sessions on Importance of Review of Literature in Research with focus on how to write review of literature, paraphrasing, types of literature review and using review of literature to formulate research proposal.

- Under the Memorandum of understanding, Professor Nandkumar Sawant was invited as a resource person to deliver a talk 9th April, 2021. He spoke on **"Teaching – Learning geography in the 21st Century"** to staff and students of geography department of Shree Mallikarjun and Chetana Manju college of Arts, Science and Commerce, Canacona.
- Invited as the lead speaker for the VII Technical session of the National Conference 'Environment, Development, and Livelihood: Sustaining Earth and People' jointly organized by Department of Geography, Savitribai Phule Pune University, Pune and Institute of Indian Geographers from 10-12 June 2021. He spoke on **Tourism :Products, development & challenges - Some insights.**
- Delivered the key note address at the national webinar, jointly organized by Dahiwadi College, Dahwadi and Parvatibai Chowgule College , Margoa on **"Sustainable Development of Rainwater Harvesting and Artificial Ground Water recharge in India"** on 4th June, 2021.He spoke " Overview of Rainwater and Ground water Recharge Practices in India"

Dr. Anagha Bicholcar

- Invited as Resource Person and Coordinator for the Online Training Programme on People's Plan Campaign (PPC) for Master Trainers (VP Secretaries) organized by Goa Institute of Public Administration and Rural Development (GIPARD), Old Goa on 25th September 2020

Dr. Sanjay Gaikwad

- Resource Person for the Faculty Development Program on GIS & Remote Sensing conducted by the School of Earth, Ocean & Atmospheric Sciences & HRDC Goa University, sponsored by ATAL Academy, New Delh from 12th to 16th October 2020. He delivered two online sessions on 'Raster Mosaicing and Clipping' and 'Geo-referencing Toposheets and Scanned Maps' respectively on 15th October 2020.
- Resource Person for One Day National Seminar on "Summer Solistice-21st June: Astrophysics and Geographical Relevance", organized by Department of Physics and Geography, of college In association with National Anveshika Network of India (NANI) as a Programme of Indian Association of Physics Teachers (LAPT) on Monday, 21st June, 2021. He spoke on **"21 June Beyond Day and Night: Holistic Perspective"**.

Dr. Anil Yedage

- Resource person for a National seminar on Water Resources Management Using Geospatial Technology conducted by Rajarshi Shahu Mahavidhyalaya (Autonomous), Latur, Maharashtra on 18th February, 2021.
- Resource Person in a one day online workshop on "Geospatial application in Geography" organized by Laxmibai Sitaram Halbe College of Arts, Commerce and Science, Dodamarg, Dist. Sindhudurg on 3rd April, 2021. He delivered a talk on "Practical's in GIS".

SEMINARS/ WORKSHOPS/ TRAINING PROGRAMMES ATTENDED & PARTICIPATED

During the academic year, the faculty attended various training programmes to enhance their knowledge & skills in domain subject, research & technology.

Dr. Nandakumar Sawant

- Attended three day international conference on "The Global Heritage Movement and Cooch Behar" organized by the Cooch Bihar Archives from 18th June to 20th June, 2021.
- Attended a webinar on 24th April, 2021 on the topic "Programme Design Concept Based on OBE of NAAC criteria 1" conducted by Ipods, India. The webinar focused on how to develop a Programme
- Attended Journal Citation Report (JCR) and Journal Certification, conducted by CLARIVATE on 15th and 17th July, 2021.
- Attended & presented a research paper on Overseas Migration: Thus it benefit the women, at the International Conference Earth Sciences & Sustainable Development Goals, August 5th to 7th 2021, organized by Department of Geography, Osmania University, Hyderabad & the Indian Geographical Society Chennai.
- Nandkumar Sawant, Professor & Head, Department of Geography, attended the webinar Geographical Field Work during the Pandemic - Virtual Exploration of the Kosi Plain using Geofacetsat Elsevier, on Tuesday 27 July, 2021.

Dr. Anagha Bicholcar

- Attended an online Training of Trainers (ToT) Programme conducted by National Institute of Rural Development and Panchayati Raj (NIRDPR), Hyderabad from 18th to 21st August 2020. After the successful completion of training, she is certified as a Master Trainer for "**Agents of Change and Sector Enablers**" by NIRDPR.
- Attended on Online Training Programme on Training of Trainers (ToT) program on Orientation and Training of Ward Members as 'Agents of change and Sector Enablers' organized by National Institute of Rural Development and Panchayati Raj (NIRDPR), Ministry of Rural Development, Government of India, Hyderabad from 8th – 11th September 2020.

Dr. Sanjay Gaikwad, Assistant Professor

- National Webinar on "Recent trends of Space Technology in Geographical Science" organized by symbiosis Institute of Geoinformatics from 1st February, 2021 to 2nd February, 2021.
- Two-day workshop on "Research Grant Writing" organized by the Directorate of Higher Education, Goa in association with Government College of Arts, Science & Commerce, Quepem Goa on 16th & 17th March, 2021.
- National webinar on Role of Human Resource in Development on the occasion of World Population Day, on Saturday, 10th July 2021, Organized by Department of Geography and IQAC, of Padma Bhushan Dr. Vasant Rao Dada Patil Mahavidyalaya, Tasgaon. (Sangli), MH.
- National webinar on "New Perspectives in Global Environmental Issues" on Thursday, 8th July 2021. Delivered session focusing on a topic "Carbon Credit". Webinar organized by Department of Geography of Chhatrapati Shivaji College, Satara. (Autonomous), MH.

Mr. A. Ashish, Assistant Professor

- Webinar on 'How to Write a Great Research Paper, and get it accepted by a Good Journal' organized by the Directorate of Higher Education, Goa in collaboration with Elsevier on 3rd June 2020.
- Training Session on 'Open Broadcaster Software (OBS)' organized by the Directorate of Higher Education (DHE), Government of Goa on 2nd & 3rd July 2020.
- Magical Mangroves conducted by Rosary College of Commerce & Arts, Navelim on 10th December 2020.

- Energy Efficiency and Conservation conducted by Rosary College of Commerce & Arts, Navelim on 18th December 2020.
- The Expert Webinar FDP Series on 'Effective Online Teaching Learning Evaluation' organized by Centre for Teaching Learning, Parvatibai Chowgule College (Autonomous), Margao, Goa, powered by IQAC, held on 23rd and 24th June, 2020.
- Online National Webinar on 'Geography in Covid and Post-Covid India', organized by St. Xavier's College, Ranchi, Jharkhand on 3rd July 2020.
- Webinar on 'Population and Health in the Present Context' organized by Parvatibai Chowgule College (Autonomous), Margao, Goa in collaboration with Sophia Girl's College (Autonomous), Ajmer, Rajasthan on 11th July 2020, on occasion of World Population Day.
- National Webinar on 'National Education Policy, Autonomy Status: Challenges and Opportunities' organized by IQAC and Department of Political Science, Rani Parvati Devi College of Arts & Commerce, Belagavi, Karnataka on 8th August 2020.
- One day National level virtual Seminar on "Coastal Wetlands" held on 14th September 2020 organized by SKES's Govindram Seksaria Science College, Belagavi in association with MoU Institutions Gogate-Jogalekar College, Ratnagiri and Mining Engineer's Association of India, Belgaum Chapter
- National Level Webinar on 'Food in the Changing Climate' organized by Rosary College of Commerce and Arts, Navelim Goa to commemorate World Food Day on 16th October 2020.
- One day National Seminar on "Water Resource Management Using Geospatial" Technology (WRMGT-2021), organized by Department of Geography, Rajarshi Shahu Mahavidhyalaya (Autonomous), Latur (MS) on 18th February, 2021.

Dr. Anil Yedage, Assistant Professor

- National Webinar on "Recent trends of Space Technology in Geographical Science" organized by symbiosis Institute of Geoinformatics from 1st February, 2021 to 2nd February, 2021.
- Online webinar on "Geo-intelligence & Career Prospects" organized by Symbiosis Institute of Geoinformatics on 2nd March, 2021.

Mrs. Bibi Aisha Shaik, Assistant Professor

- Participated as a delegate in the live webinar on 'Mapping the future with GIS', organized by the division of Geoinformatics, faculty of natural sciences JSS academy of higher education and research, Mysuru on 19th November 2020.

Mr. Deepak Kumbhar, Assistant Professor

- Participated as a delegate in the live webinar on 'Mapping the future with GIS', organized by the division of Geoinformatics, faculty of natural sciences JSS academy of higher education and research, Mysuru on 19th November 2020.

Ms. Jyoti Hosamani, Assistant Professor

- A National Level Webinar on 'Food in the Changing Climate' organized by Rosary College of Commerce and Arts, Navelim Goa to commemorate World Food Day on 16th October 2020.
- A webinar on "Mendeley: A reference Manager" organized by Botany Department of Shree Mallikarjun & Shri Chetan Manju Desai College, Canacona Goa on 30th January, 2021.

ACTIVITIES ORGANIZED AND OTHER ASPECTS**Activities organized under MoU:****MoU with Karmveer Mahavidalaya, Pandharpur - Maharashtra**

- Professor Nandkumar Sawant was the Resource person for Career Talks for undergraduate Students on "Job Opportunities in Travel and Tourism" organized by the department of Geography, Baburao Karmaveer Mahavidalaya, Pandharpur (Maharashtra) on 20th Jan, 2020.

Conferences/Seminars/Workshops/ Training Programmes

- The department of Geography, Parvatibai Chowgule College in collaboration with Dahiwadi College, Dahiwadi (Maharashtra) , Jointly organized national webinar on “**Sustainable Development of Rainwater Harvesting and Artificial Ground Water recharge in India**” on 4th June, 2021. Prof Nandkumar Sawant was the key note speaker. Prof Surender Thakurdesai , Head , Department of geography, Gogate Jogelakar College, Ratnagiri (Maharashtra) and Dr. Sachin Tendulkar , Chief Executive Officer, Mineral Foundation, Goa were the resource persons for this conference. More than 100 participants from various universities participated in the event. This event was organized as apart of the Memorandum of Understanding (MOU) activity.

Departmental Activities:

- The Department was vibrant by conducting various activities for Faculty & students during this academic year. These activities were a fusion of academics, Research & Extra Curricular activities.
- **Faculty Workshop -1**
Workshop on LOCF frame work as per the U.G.C guide lines on 21st November, 2020. The objective of the workshop was to create document of LOCF for the department of geography and also map PO's, PSO's and CO's for the individual courses by the respective faculty. This workshop was crucial especially for the postgraduate department, since the syllabus was framed in the last (BOS) and academic council. Dr. Nandkumar Sawant was the Resource person assisted by Dr. Sanjay Gaikwad
- **Faculty Workshop -2**
Workshop on “Applications of Course Outcomes plus Curriculum Designing” for the PG Faculty was conducted on 13th March, 2021. All the PG Faculty of the department attended the workshop. Prof. Nandkumar Sawant was the Resource person.

- **Students Workshop -1**

The Department of Geography conducted a workshop on use of Epicollect 5 for heritage mapping on 17th February, 2021 for the students of 3rd year BA Geography. This workshop was hands on training where the students can use technology for field data collection by using Epicollect 5 tool which is computer as well as android phone compatible. At the inaugural Prof. Sawant head of the department gave an over view of why students needs to know technology which focus on accuracy, time efficiency and technology enabled. Mr. Deepak Kumbhar, Assistant Professor, introduced the features and use of Epicollect 5. In the second session the students formulated questions and subsequently as field based training the students were divided into groups to collect information within the campus.

- **Students Workshop -2**

Workshop on Assignment writing and Academic Integrity on 18th June, 2021 for the first year B.A. and B.Sc. Geography students. 13 students attended the workshop.

Industry – Academia Linkage activity

Industrial Academic Linkage Dr. Sneha Bhagwat, Ayurvedic Doctor, a Transformational Speaker & Founder of Oorja Wellness Centre, delivered a talk on "Tailor Your Career in Harmony with Your Body" on 22nd February, 2021. She emphasized that wellbeing is an important component of human body and therefore it is important to understand your attitude and aptitude to create better work environment. When work places are becoming stressful and competitive it is individuals who have to develop the right attitude for a balanced career growth.

Short Term Courses conducted:

A Short-Term Course for the students of PGDGIS 'Page to Stage' was conducted from 16th March to 26th June 2021. The number of students enrolled for this course were 17. The resource persons were Dr. Nandkumar Sawant, Mrs. Aisha Shaik and Ms. Anila K.P, Shri Anand Masur, Ms. Pooja Parab from the College and Mr. Mohammed Ayaz Jhari, Director, Taramania pvt ltd Victoria, Melbourne, was the corporate trainer. The objective of the course was to develop English speaking skills and self-confidence.

Alumni Connect

- The department of Geography organized Alumni Talk on 11th Dec, 2020. Rosario D' Costa, Director, Operational Integrity and Surveillance, Marina Bay, Singapore spoke on "Geography and Skills: My Learning Experience" He spoke on How geography enabled him to develop certain skills to emerge as a better professional and person. A donation of Rs 50,000/- was also given towards AGES (Association of Geography Ex Students).
- AGES (Association of Geography Ex-Students) in association with Rotary Club Margao Sunrise, organized a talk on "Parenting during Pandemic" on 11th August, 2021. Mrs. Kavita Borkar, Psychologist, was the speaker for the event.

Other activities of the Department

- Department of Geography organized a Special Lecture by Prof. Nandkumar Sawant, Head, Department of Geography on 'Ozone Climate Change and Urban Resilience' for the students of Geography on 23rd October 2020. This was attended by 53 students and staff. The focus of the lecture was how Ozone depletion has led to gradual increase in temperature and subsequent climate change.
- The department also conducted group presentation on 'Ozone: Where, What, Why and How it affects human life?' for the students of First year BA & BSc (Geography). The groups presented various facets of Ozone layer and its depletion. Emphasis was given on what can be done to save the Earth. This was followed by interactive session amongst the students. The presentations were held on 23rd and 27th October 2020 respectively. All events were coordinated by Prof. Nandkumar Sawant, Head, Department of Geography.
- The department of geography as a part of science day has organized Ex- tempore, Debate & Special lecture. The events are both for the students as well as faculty of the department. Nine students were participated for Ex- Tempore and final results were as follows:
 - A) 1st – Aaron Dev Jose (FYBSc).
 - B). 2nd – Anirudh Bhat (TYbsc)
 - C) 3rd – Chandhani Thakkar(FYbsc)

For the debate, topics were given in advanced. Four teams participated for the debate and the final results were as follows: 1st – team of Vikas Kapale and Amogh Kamat, 2nd – Team of Sahil and Furtado Chloe Furtado and 3rd – team of Aaron Dev Jose & Chandhni Thakkar

An online Lecture on Geospatial Technologies in Social Sciences by Dr. Surendra Thakurdesai, Head, department of geography, Gogate Jogelkar College -Ratnagiri was organized. There were 29 participants which included departmental staff and students.

Scholarships:

- The following students have been selected to receive the M.S. Honrao & Dr. S. S. Hiremath Scholarship and the Late Afroz Sheik Memorial Scholarship at MSc GIS and MA Geography respectively and Dr. N. N. Sawant & Dr. S. S. Hiremath Scholarship for GIS Study at PGDGIS for the Academic Year 2020-21, during the meeting held on 27th June 2021.
 - 1) The Late Afroz Sheik Memorial Scholarship: Ms. Riya Sawant - MA Part II
 - 2) Dr. N. N. Sawant & Dr. S. S. Hiremath Scholarship for GIS: Ms. Prajakta Patil- PGDGIS
 - 3) M.S. Honrao & Dr. S. S. Hiremath Scholarship: Mr. Ashwin Teodorio Gomes- MSc Part I

To conclude during the academic year 2020-21, the Faculty & Students of the Department of Geography & Research centre were actively engaged in various activities to enhance skills & self confidence. It is also indicative that there has been alumni, industry & other departmental linkages to diversify the Geographical Domain.

VISION FOR THE ACADEMIC YEAR 2021-22

1. To persistently put an efforts to increase enrolment of students for PG Programmes of the Department.
2. To improve the quality of Research amongst the students through workshops, mini projects, participation in conferences & publications.
3. To streamline syllabus & improve the quality of teaching learning through standardised formats & feedback systems from the stakeholders.
4. Contribute effectively to the fraternity of geography through publication of books, PhD. & relevant articles.



Department of **COMPUTER SCIENCE**

The Department of Computer Science was established in 1986. The Department has played a major role in contributing to the academic community and society at large. Currently it offers four different programmes at UG and PG level. They are: B.Sc. (Computer Sc.), B.Voc. (Software Development), Post Graduate Diploma in Computer Applications (PGDCA) and M.Sc. (IT)

Students Achievements:

- 9 students of M.Sc IT (Part-I) have completed "Oracle Database Design", Certification offered by Oracle Academy. Date of Commencement of the course is 8th March 2021. Mr.Abhishek Gudekar, Assistant Professor is the Co-ordinator for the Certification course.
- Swella Glenna Gomindes from MscIT got placed as a Junior software developer in Creative Capsule Company located in Verna Goa, dated 22 June 2021.
- Garry Roque Fernandes from MscIT got placed as a Jr. Software project coordinator in SJ INNOVATION.
- Akshay Ratnakant Chatim from MscIT got placed as a Product Validation Engineer in Spintly.
- Nix Brandon Correia from BSc joined as a Javascript Developer Intern in Conaug technologies and consulting, Panjim-Goa.
- Rosa Tabitha Valerie from BSc working as a Part time website designer in The Student Union, staffordshire university.

Students Participation:

- "PARIVARTAN KARO NA" was an initiative undertaken by GDP foundation, Goa, dated July 2020, in order to bring out the unique entrepreneurial skills that may in turn help, reverse the ill-effects of the Covid-19. By understanding this current situation in Goa, Ms.Shreya Naik's Team has decided to work up on the project "MedGuard Goa" to help the frontline workers bring out some normalcy in treating patients with varied conditions. Her team has cleared PHASE-I and is selected as "Hi-Potential Idea".
- As a part of "**Academy Industry Interaction Programme**", 12 M.Sc IT (Part-I) students registered for Oracle Academy "Database Design" certification course. Date of Commencement of the course is 12th February 2021. Mr. Abhishek Gudekar, Assistant Professor is the Co-ordinator for the Certification course.

Faculty Achievement:

Dr.(Ms).Sameena Falleiro

- Dr.(Ms).Sameena Falleiro and Ms.Ashweta Fondekar of the Department of Computer Science along with Mr.Rovan Vaz Faculty from the Department of Mathematics, worked and submitted a report on "Economic Revival Plan for the Village of Macazana". They were deputed by the Government of Goa, DHE & GIPARD.
- Successfully completed training on "Effective Teaching in Online Environment" from 1st June to 11th June, 2020 by EdExpert Educational Training & Consultancy, Mumbai. She also delivered a session as a Resource Person on "LMS Characteristics" during this training programme.
- Successfully participated in the 7 Day Faculty Development Programme on "Institutional Benchmarking of Best Practices" organized by 10 premier Institutes of India from 8th June to 14th June, 2020.
- Delivered a technical session on "Teaching-Learning & Evaluation" on 9th June, 2020 in the 7 Day Faculty Development Programme on "Institutional Benchmarking of Best Practices" organized by 10 premier Institutes of India from 8th June to 14th June, 2020.

- Delivered two sessions on "Effective Use of ICT in the Teaching - Learning" for the Open Day Webinar of Parvatibai Chowgule College of Arts & Science, Autonomous, Margao, Goa on 19th June, 2020.
- She was the Resource Person for the National Workshop on "Learning Management System: Moodle " at the TLC 14 organized by the TLC DET SNDTWU Teaching Learning Centre PMMMNMTT, Mumbai on 1st August, 2020 she conducted a session on "MOODLE Gradesheets".

Mr. Abhishek Gudekar

- Mr. Abhishek Gudekar- Associate Professor, M.Sc (IT) successfully completed the "The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop" dated. 21.06.2020. It involved 3 days of video lectures and hands-on work. This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India.
- Mr. Abhishek Gudekar cleared UGC NTA NET in Computer Science in November 2020". He had previously cleared UGC NET in Computer Science in November 2017.
- Mr. Abhishek Gudekar - Assistant Professor, have completed a course on "Overview of Geo-processing using Python" conducted by Indian Institute of Remote Sensing (IIRS) from 18th January 2021 to 29th January 2021.
- Mr. Abhishek Gudekar, Assistant Professor created a MongoDB cloud setup with 3 shards to conduct a practical examination in MongoDB. All three shards had data replication and automatic backup facility on 26th March 2021.
- Mr. Abhishek Gudekar, Assistant Professor cleared Maharashtra State Eligibility Test (MH-SET) in Computer Science conducted by Savitribai Phule Pune University state Agency. Exam was held in the month of 27th December 2020.

Miss Ashweta Anand Fondekar

- Miss Ashweta Anand Fondekar, Asst.Professor conducted Hands on training on Google Forms for Administrative Staff and Lab Assistants of Parvatibai Chowgule College of Arts and Science, Margao, on 17 August 2020. Training was given to the staff on the following:
 1. Creating and setting up form on Google Drive.
 2. Creating Professional Looking Forms.
 3. Collect data using forms.
 4. Storing data in Spreadsheet on drive.
 5. Form Validation.

Mr. Mahesh P. Matha

- Mr. Mahesh P. Matha, Assistant Professor, M.Sc (IT), authored a book titled "Core Python - A Comprehensive Study". It is available worldwide exclusively on Amazon Kindle store from 24th November, 2020. It is an introductory book on the Python programming language.

Faculty Participation and Activities:

- Dr.(Ms).Sameena Falleiro attended a Webinar on "Strategies for Student Motivation" By Dr.John Keller, on 25th June,2020 organised by Wadwani Foundation, Mumbai.
- Dr.(Ms). Sameena Falleiro, participated in Webinar on "GNomio for Moodle Courses" on 29th August, 2020 organized by the TLC DET SNTDWU Teaching Learning Centre PMMMMNMTT, Mumbai.
- Dr.(Ms). Sameena Falleiro, participated in an online webinar session on "Faculty Development Programme - ICT best practices in institute" conducted by MasterSoft ERP Solutions Pvt. Ltd. Nagpur On 08/09/2020.
- Dr.(Ms). Sameena Falleiro, participated in the ACM India Webinar Series on Education: "Preparing for a Career in IT" by Prof.Pankaj Jalote on 19/09/2020.
- Dr.(Ms).Sameena Falleiro, participated in a webinar session on "Muscle Relaxation and Guided Imagery" by Ms.Vanora Lobo of Find your peace on 19/09/2020.

- Dr.(Ms). Sameena Falleiro, participated in a on "NAAC Assessment and Accreditation Process" organised by IQAC of Goa University on 21/09/2020.
- Dr.(Ms).Sameena Falleiro, participated in the Mathematics webinar on the topic "Aspects of Effective Math Education" "Pedagogical Content Knowledge " organised by the Mathematics pedagogy unit of St. Xavier's Institute of Education on 26th September, 2020.
- Dr.(Ms).Sameena Falleiro, participated in the Mathematics webinar on the topic "Discovering Aesthetics in Mathematics" organised by the Mathematics pedagogy unit of St. Xavier's Institute of Education on 31st October, 2020.
- Dr.(Ms).Sameena Falleiro participated in the workshop on "Effective implementation of ICT" conducted on May 1st to 2nd 2021 by IITB.
- Dr.(Ms).Sameena Falleiro-Associate Professor attended a Webinar on "ICG 2020s Development Dialogue: Transforming India - National Education Policy (NEP) 2020" on 17th June, 2021 conducted by the International Centre, Goa.
- Dr.(Ms).Sameena Falleiro attended a Webinar on "Lateral Thinking: The Cheat Code for Innovation" on 18th June, 2021 conducted by Goa University IIC and GCCI.
- Dr.(Ms).Sameena Falleiro attended a National Workshop on Transformation through NAAC Accreditation Process" on 21st and 22nd June, 2021 conducted by IAE Hyderabad.
- Dr.(Ms).Sameena Falleiro-Associate Professor, attended a Webinar on "Industry Academia Meet" organized by Goa Technological Association GTA with academicians from various colleges in Goa on 3rd July, 2021.
- Dr.(Ms). Sameena Falleiro-Associate Professor, attended an Online 6-day Teacher's Training Series titled "Cooperative Learning Workshop: The Door to Successful Teaching" from 2nd July to 14th July 2021, conducted by Collaborative Learning Cafe-Jesuits Goa Province.
- Ms. Suchitra Bhat, Associate Professor attended Webinar: Criteria 3 of NBA Accreditation-PO-CO Attainment Computation on 25th November 2020.
- Ms. Suchitra Bhat, Head and Associate Professor participated in the State-level Webinar on the theme 'Realtime Databases (Firebase)', organized by the Department of Bachelor in Computer Applications (BCA) in association with the Internal Quality Assurance Cell (IQAC) of Fr.Agnel College of Arts & Commerce, Pilar, Goa, on 6th February 2021.
- Ms. Suchitra Bhat, Head and Associate Professor attended the ACM India Bootcamp on Blockchain from 18 February 2021 to 20 February 2021.

- Ms. Ashweta Fondekar, Assistant Professor attended Faculty Development Program (FDP) on Innovation, Creativity & Startups conducted by the Goa State Innovation Council on 19th, 20th, 26th and 27th November, 2020
- Ms. Ashweta Fondekar, Assistant Professor participated in the 109th UGC sponsored Faculty Induction Program (Online) held from 9th February 2021 to 16th March 2021, University Grants Commission (Human Resource Development Centre).
- Mr. Abhishek Gudekar - Assistant Professor, attended ACM Compute 2020 conference organized by ACM India at Visvesvaraya National Institute of Technology Nagpur, Maharashtra, India from 09th December to 12th December 2020.
- Mr. Abhishek Gudekar - Assistant Professor, attended first Indian Symposium on "Machine Learning (IndoML)" from 16th December to 18th December 2020 organized by IIT Gandhinagar and IIT Kharagpur.
- Mr. Abhishek Gudekar - Assistant Professor, attended "ACM India Joint International Conference on Data Science & Management of Data (8th ACM IKDD CODS and 26th COMAD) from 2nd January to 4th January 2021".
- Mr. Abhishek Gudekar - Assistant Professor, participated in the online course on "Overview of Web GIS Technology" conducted by Indian Institute of Remote Sensing(IIRS) from 26th June 2021 to 2nd July 2021.
- Mr. Abhishek Gudekar - Assistant Professor, participated in the online course on "Machine learning to Deep Learning: A journey for remote sensing data classification" conducted by Indian Institute of Remote Sensing(IIRS) from 5th July 2021 to 9th July 2021.
- Dr. Shaila Ghanti participated in one week International Online Workshop on "Recent Advancement in Robotics" (RAR-2021) organized by Department of Mechanical Engineering, MIT School of Engineering MIT Art, Design & Technology University, Rajbaug, Pune from 18th January to 25th January 2021.
- Dr. Shaila Ghanti - Associate Professor attended a National Workshop on Transformation through NAAC Accreditation Process" on 21st and 22nd June, 2021 conducted by IAE Hyderabad.
- Mr. Kumaresk V.C - Associate Professor attended a National Workshop on Transformation through NAAC Accreditation Process" on 21st and 22nd June, 2021 conducted by IAE Hyderabad.

Departmental Activities:

- Department organized an Induction program for F.Y.B.Sc. students on 4th September 2020. About 30 students attended the program via Google meet. Ms. Suchitra Bhat, Associate Professor, gave a brief introduction about the department, faculty of the department, course structure of B.Sc. Comp Sc., various extracurricular activities carried out. Mr. D. Prabakaran, Associate Professor, explained to students about the examination system.
- Orientation program for PGDCA students was organized on 15th September 2020 via Google meet. Ms. Suchitra Bhat, Associate Professor, gave a brief introduction about the department, faculty of the department, program structure of PGDCA, various extracurricular activities carried out.
- Project Orientation programme for T.Y.B.Sc students was conducted on 26th September 2020. Mrs. Suchitra Bhat, Associate Professor was the resource person for the same.
- Department of Computer Science organized a talk on “PLANNING A CAREER AS AN I.T. GRADUATE” on 10th Oct 2020 at 10.45 am. The speaker was our very own Alumni of Chowgule College, Mr. Aditya Rane. Mr. Rane is currently working at Texas Instruments Pvt. Ltd, Bangalore as Systems Administrator. Mr. Castor Godinho was the moderator for the talk. Aditya spoke on how to find your interest in the field of computer science and how to pursue it to make it into a successful career. 72 participants from B.Sc Computer Science, B.Voc Software Development, M.Sc I.T attended the talk. The talk concluded with the speaker and the moderator having a discussion on all the questions that were submitted by the participants.
- Mr. Vasant S. Shirwaikar, Jr. Programmer, conducted training for the Laboratory Assistants/ Technicians on Student Subject Mapping and Teacher Subject Mapping on DHE-ERP IAIMS portal which was held on 13th February 2021 in the Computer Science Laboratory of our College.
- Department of Computer Science organized “TechFest Edition-I”, an Intra-Departmental Technical Event for the students of the Department on 27th February 2021 as a part of National Science Day celebration. Event consisted of six competitions. Ten teams consisting of students of B.Sc.(Computer Science), PGDCA, BVOC (Software Development) and M.Sc (I.T)

- participated in the event. Co-ordinators for the event were Ms. Dikshita Vishram Aroskar, Assistant Professor, Mr. Castor Godinho, Assistant Professor and Ms. Diksha Prabhu Khorjuvenkar Assistant Professor.
- The Department of Computer Science organized a webinar on “Technical Debt- How it could slow everything” on 20th March 2021 for the students of T.Y.B.Sc Computer Science, M.Sc IT-Part I and T.Y.B.Voc. Webinar was attended by 24 participants. Mr. Sajid Shaikh from Thoughtworks Inc Pune was the resource person for this webinar. Co-ordinator for this event was Mr. Abhishek Gudekar, Assistant Professor.
- In this webinar resource person spoke on code refactoring, Exception handling, Logging, Code Smells, Test Driven Development, Naming Conventions and the tools which can be Used to refactor the code and understand the cyclomatic complexity.

SEMINARS, WORKSHOPS & ACTIVITIES ORGANIZED

- Farewell given to Mrs. Neeta Dhopeswarkar, Assistant Professor as on 31.07.2020 in M.Sc (IT), Seminar Hall.
- Miss Ashweta Anand Fondekar Asst. Professor conducted Hands on training on Google Forms for Administrative Staff and Lab Assistants of Parvatibai Chowgule College of Arts and Science, Margao, on 17/08/2020. Training was given to the staff on the following:
 - 1.Creating and setting up form on Google Drive.
 - 2.Creating Professional Looking Forms.
 - 3.Collect data using forms.
 - 4.Storing data in Spreadsheet on drive.
 - 5.Form Validation.
- Seminar was conducted by Department of Computer Science for T.Y BSc.students on Career Guidance dated 15/01/2020. Resource person was Mr. Mahesh Matha.

Its objective was to create awareness on :

- 1) To help students fully engage in career planning
- 2) To provide students with the relevant careers information, advice and guidance that are suitable for their personal needs

3) To provide students with a comprehensive understanding of opportunities at key transition points and translate these effectively into appropriate decisions and actions.

- Seminar was conducted by The Research Committee and IQAC for S.Y BSc.students on “IPR: Its Relevance in Academics” dated 24/01/2020. Resource person was Miss Ashweta Anand Fondekar.

Its Objective was to create awareness on :

- 1) Need and importance of Intellectual Property Rights (IPR) among the students .
- 2) IPR promotion at Chowgule College.

- Workshop was organized by Chowgule FOSS Club for S.Y BSc.students on “Coding Hours 3” dated 14/02/2020. Resource people were Mr. Castor Godinho & Mr. Wendham Gray.

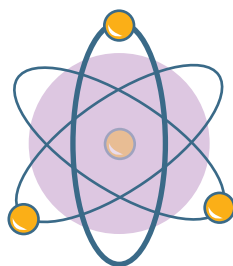
Its Objective was:

1. To develop students problem solving skills
2. To build and improve reasoning and logic

- Workshop was organized by Department of Computer Science under DBT Star College Scheme on “Automated Software Testing using Selenium and jmeter” dated 22/02/2020 & 24/02/2020. Resource person was Ms. Purvi Keni, Module Lead, Persistent Systems Ltd, Goa. Its Objective was to provide students with the hands on experience of using testing tools used in software industry for automation testing.

- Seminar was conducted by Directorate of Higher Education for non teaching staff on “DHE-ERP IAIMS PORTAL” dated 13th February 2021. Resource person was Mr. Vasant S. Shirwaikar- Junior Programmer. It was regarding this software application is designed to manage or track entire college campus activity such as student attendance, Subject mapping, Teachers Subject mapping etc.

- Webinar was organized by Department of Computer Science on “Technical Debt-How it could slow everything” dated 20th March 2021 for students of TYBSc computer Science, M.Sc IT-Part I and TYBVOC. Resource person was Mr. Sajid Shaikh (Thoughtworks Inc Pune). In this webinar resource person spoke on code refactoring, Exception handling, Logging, Code Smells, Test Driven Development, Naming Conventions and the tools which can be used to refactor the code and understand the cyclomatic complexity.



Department of **PHYSICS**

Faculty Achievements and Participation

- Dr. Ananya Das attended the “International E-Conference on COVID 19 Global Impacts” on 20 – 21 July 2020 hosted by African – British Journals.
- Dr. Ananya Das attended a webinar: Criteria III of NBA Accreditation - PO-CO Attainment Computation on 25th November 2020, organised by inPods.
- Dr. Ananya Das attended a webinar on Demystifying Dyslexia-Assisting children with Specific Learning Disability on 10th October, 2020 organized by Goa Dyslexia Association in collaboration with Unique Ability Consulting and Parvatibai Chowgule College of Arts and Science.
- Dr. Ananya Das co-authored the paper presented in the national conference on ‘Physics and Chemistry of Materials’, organised by Department of Physics, Govt. Holkar Science College, Indore, December 14-16, 2020. Details of the paper are: Bhargav K. Alavani, Ananya Das and Ramesh V. Pai, Melting of Mott Phases in Spin-1 Bose Hubbard Model. This paper was awarded best paper award.
- Mr. Yatin P. Desai and Dr. Ashish Desai participated in Expert Webinar FDP Series on “Effective Online Teaching Learning Evaluation” organised by Centre For Teaching Learning, Parvatibai Chowgule College, Margao on 23rd and 24th June, 2020.
- Mr. Yatin P. Desai and Dr. Ashish Desai participated in the webinar on ‘Academic Publishing-Dos and Don’ts’ organized by the Directorate of Higher Education, Goa in collaboration with Clarivate Analytics on 12th June 2020.

- Mr. Yatin P. Desai and Dr. Ashish Desai participated in the webinar on “Scholarly Communications: Myths and Fallacies” organised by the IQAC & Department of Library of V. M. Salgaocar College of Law, Miramar - Goa held on the 10th July 2020.
- Mr. Yatin P. Desai participated in the two-days online winter school on “Materials Characterization Techniques” organised by Physics Department, Manipal University, Jaipur – Rajasthan, during 26th to 27th December 2020.
- Mr. Yatin P. Desai attended and presented a paper on “Effect of Co substitution on structural and magnetic properties of $\text{Ni}_{0.6}\text{Zn}_{0.4}\text{Fe}_2\text{O}_4$ nanoferrite” at online International Conference on Multifunctional Nanomaterials (ICMN 2020), organised by Physics Department, Manipal University, Jaipur – Rajasthan, during 28th to 30th December 2020. The paper is also accepted for online publication in the Scopus Indexed journal titled “Materials Today: Proceedings”

Winter School on “Electronic Structure and Molecular Dynamic Simulations Using Open Source Software: From Theory to Practice”

Department of Physics, Parvatibai Chowgule College in association with Kathmandu University, Nepal organized a Winter School on “Electronic Structure and Molecular Dynamic Simulations Using Open Source Software: From Theory to Practice” from 27th Sept. to 04th Oct. 2020. The aim of this winter school was to introduce young **researchers** and faculty members to the basic concepts of computational simulations, with an emphasis on density-functional theory-based methods and classical molecular dynamics simulations. The school also provided hands-on sessions with tutorials in DFT and MD to the participants and HPC facilities for a month to familiarize and train themselves with the concepts taught in the school. **The lectures and practical training session were conducted by 18 resource persons** from prestigious universities and institutes across the country. Among the 56 research students and faculty members from different parts of the country, Mr. Yatin P. Desai, Dr. Ashish M. Desai, Ms. Pearl Oliviera and Mr. Omkar Shilkar from the Department of Physics and Dr. Lactina Gonsalves from Department of Chemistry participated in this winter school. Dr. Ashish M. Desai was the Co-ordinator of winter School.

Subject talk on “Demystifying Supercomputer”

Dr. Rajendra Adhikari, Kathmandu University, Nepal delivered a talk on “Demystifying Supercomputers” on June 25, 2021. His talk was focused on the basic functioning of the supercomputer and the important role it plays in computational science. He also briefly mentioned the various applications of the supercomputer like weather forecasting, artificial intelligence and machine learning, agriculture research, material science, and computational fluid dynamics. The talk was attended by the faculty of the Physics department and forty-three undergraduate students from the First, Second, and Third-year B. Sc. Physics of our college.

News from Department

Four faculty members of the department; Dr. Ananya Das, Mr. Yatin P. Desai, Dr. Ashish Desai and Dr. Kapil Salkar participated in the e-content development under DISHTAVO project, an initiative of Directorate of Higher Education and Goa University.

Luke : A Covid 19 Warrior

Mr. Luke Bossuet Sequeira Vaz made an inspiring presentation on “My Experience With Covid-19”. He bravely battled to overcome the disease and narrated all his experience in the presentation. After his recovery from COVID 19, he donated plasma to save life of others. This is truly a service to humanity and is highly appreciated. The online presentation was organized on 17th October 2020.

New Faculty : Dr Kapil Salkar

Dr. Kapil Salkar has joined as a faculty in the department of Physics on 9th October 2021. He did his BSc in Physics from Dhempe College, Miramar and MSc from Goa University. He completed his PhD from Goa University in January 2021. Physics department welcomes Dr. Kapil Salkar and wishes all the success for the beginning of his teaching career.

Student Achievements/Participation

- Eleven students from 2019-2020 batch are selected for further studies after qualifying in GU-ART. Seven students are selected for MSc in Physics, two students for BEd and one student each for MA in English and MSc in Marine Science.
- Ms. Sakshi Desai, First Year B.Sc. Physics student participated and won the second prize in Swarprabha singing competition at 'All Goa Performing Art E-Festival Event" organized by Govt. College of Arts, Science and Commerce, Khandola, Marcela – Goa held from 14th to 16th December 2020.
- Mr. Omkar Shilkar from Third Year BSc actively participated in the "Winter School on "Electronic Structure and Molecular Dynamic Simulations Using Open Source Software: From Theory to Practice" from 27th Sept. to 04th Oct. 2020", organized by Physics Department, Chowgule College in association with Kathmandu University, Nepal.
- Ms. Srinidhi Pawar, TYBSc student of 2019-2020 batch cleared Joint Admission Test for Masters (JAM) for admission to M.Sc. JAM is an all-India examination conducted across the country jointly by Indian Institutes of Technology and Indian Institute of Science. Currently Srinidhi is pursuing her MSc in Physics at IIT Gandhinagar.

Mr. Yatin P. Desai
Department of Physics



Department of **BIOCHEMISTRY**

HIGHLIGHTS

The Department of Biochemistry stood strong with online/offline classes and activities. Each one, teachers and students, faced challenges and overcame them in their unique way through the pandemic times. Here are glimpses of activities held for the academic year 2020-21. There were activities like freshers' party, Guest Lecture Series on Fermentation and PCOD, menstruation and women's health.

Seminars/talks

1. Guest Lecture Series on Fermentation

The Department of Biochemistry conducted a technical guest lecture series on "Fermentation". This webinar series was a part of departmental activity as well as a part of the Skill Enhancement Course: Food and Fermentation Technology. On 4th December 2020, the first lecture of the series was conducted on the topic "Oligosaccharides as Prebiotics" where the speaker, Dr. Lyned Lasrado, Head of the Department, Post Graduate Department of Biochemistry, St Aloysius College, Mangalore, explained how probiotics and prebiotics affect humans, physiologically and psychologically. The guest speaker for the second lecture was Dr. Amit Kumar Rai, Scientist - C, Institute of Bioresources and Sustainable Development, Regional Centre, Tadong, Sikkim. It was held on 12th December 2020 and the topic was "Biopeptides from fermented foods" where he elaborated on the bioactivities, such as antioxidant and antihypertensive, of peptides found in fermented food products. About 70 students attended the sessions and were glad to gain knowledge on these interesting topics.

2. Lecture on PCOD, menstruation and women's health

The Department of Biochemistry had organised an online lecture on PCOD, menstruation and women's health. Dr Sarika Swapnil Arsekar, Consultant in NDH Mapusa, DHS and former Gynaecologist at GMC was the resource for the lecture. She highlighted the importance of diet and overall well-being on reproductive health in women and common misconceptions were addressed. About 50 students attended the online lecture.

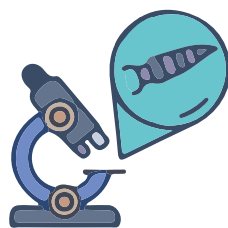
Activities of the department:

Ghostly Affairs

Having a Fresher's party is always a good idea to welcome the new students break the ice between them and the seniors. With the ongoing pandemic, the department of Biochemistry did not shy away from having a party on one of the best party platforms that too. Yes, I'm talking about an online party via a Google meet call. The theme for the party was set around the idea of "Halloween" which all about cosplays, spookiness, tricks and treats. Keeping to the theme, the party was held on 31 October 2020 in the evening.

Party games like "Halloween Bingo" and "Scattergories" were played among the FYs, wherein the former was an individual game only for the FYs, and the latter, a team-game that included the teachers too. The teams were named - Vampires, Zombies, Banshees and Werewolf - all based on famous characters of Halloween. Apart from games, there were a number of spot prizes such as 'the best witch laugh' and 'the best use of the Instagram split scan filter', and also, a special prize for the best costume.

This party was a welcome not only for the First years but also for the new professor, Dr. Alisha Satwani, who was very enthusiastic throughout the event despite network connectivity issues. The event ended with a warm speech from the Head of Department, Mrs. Sarah Mesquita Gray, wherein she appreciated the event, the participants, encouraged and assured the department about the availability and the efforts of the dear faculty of our department.



Department of ZOOLOGY

The Department of Zoology of Chowgule College offers Undergraduate programme, to create Zoologists with sound knowledge of fundamental and applied Zoology and empower them with employability skills for placement in wildlife, Fishery, and pathological and genetic technician or as researcher. The department organizes various programmes / activities for the students focused on executing the mission of the department. The faculty members are actively involved in research activities and have contributed to knowledge in their respective fields through research publications and as resource persons for scientific associations. Department conducts academic activities to foster team spirit and enhance the soft skills. Academic activities such as industry-Academia lectures and workshops are part of the learning process of the department. The students are given ample opportunities to enhance their academic skills as well as soft skills through the co-curricular and extracurricular activities. Concern for the environment and responsibility towards the community is a virtue taught to the students. In view of the pandemic of Covid-19, most of the activities were conducted in virtual mode.

For the Academic year 2020-21, the department has immensely contributed to research of the college with 05 ongoing research projects/works, 05 chapters in international books, presented 01 paper, and faculty were invited as resource person at 10 state and national events. 06 major activities were organised by the department for the students. Students received awards and accolades at various events. And the topper for GUART exam was student of Chowgule College for the second consecutive year. Brief report of the activities and achievements of faculty members and students for 2020-2021 is given below:

- A. Activities conducted
- B. Faculty Achievements
 - i. Research Grants received
 - ii. Research papers published /presented.
 - iii. Invited as resource person
 - iv. Faculty participation in Seminar/Conferences/Activities

- C. Student Achievement:
 - i. Student Progression
 - ii. Prizes /awards received
 - iii. Participation in Seminar/ conferences/activities
- D. Green Initiatives:
 - i. Student Progression
 - ii. Prizes /awards received
 - iii. Participation in Seminar/ conferences/activities

ACTIVITIES ORGANISED:

1) **WELCOME FUNCTION / ORIENTATION FOR FY.B.SC STUDENTS** : The department of zoology conducted a 'Special Orientation Program' for 55 FYBSc Students on 5th September 2020. The sessions were telecasted in virtual mode on Telegram Channel. The students attended the sessions telecasted for them to welcome them and orient them on the requirements and responsibilities as students of zoology of Chowgule College. The students of FYBSc were oriented on various aspects of teaching-learning-evaluation viz examination pattern, theory and practical assessment modes, learning platforms - CLAAP, Google classroom, etc. Besides they were also introduced to the departmental clubs, events and activities planned for the year 2020-2021. The FYBSc students were also given sessions on soft skills and 'Problem Solving skills'.

2) **BIRD WALK FOR GOA FOREST DEPARTMENT** : As a part of the annual Bird Festival, Dr. Nandini Vaz Fernandes and Mr. Stephen Dias, Department of Zoology coordinated the 'Bird Walk' organized by Goa Forest Department from 05th to 07th February 2021. Bird walks were conducted at two sites viz. Carambolim Lake and Curtorim-Raia Lake (Maina-Curtorim Wetland Complex). Mr. Stephen Dias, Ms. Gautami Manakikar, Ms. Prasanna Naik Gaonkar and Ms. Pratibha Tripathi conducted the birdwalks for the general public.

3) **CAMPUS BIRD COUNT (CBC)** : Chowgule's Birders Club of the Department of Zoology participated in the Campus Bird Count (CBC) which is a sub-event of the Great Backyard Bird Count (GBBC) hosted by the Cornell Lab of Ornithology. FY, SY and TYBSc Zoology students participated in the event. The students were guided by 03 faculty- Mr. Stephen Jonah Dias, Ms. Prasanna Naik Gaonkar and Ms. Pratibha Tripathi, from 12th February 2021 to 15th February 2021. The surveys were carried out in the college campus by point count method. The bird identification app created by CBC as well as books helped in bird identification. A total of 38 bird species were identified during the survey.

4) **CERIFICATE COURSE ON 'DATA COMPUTATION IN APPLIED BIOLOGICAL SCIENCES USING R-STUDIO'**: The programme was conducted by Mr. Stephen Jonah Dias, Assistant Professor, Department of Zoology, Parvatibai Chowgule College from 10th February 2021 to 3rd April 2021. The objective of the programme was to provide students with skills and knowledge of statistical analysis commonly used in biological studies with the help of a statistical software i.e., R-Studio. A total of 31 SYBSC and TYBSc students of Botany, Biochemistry and Zoology departments attended the course.

5) **DEPARTMENTAL ACTIVITY**: Department of Zoology organised various competitions for the students as a part of departmental activity in the month of June from 16-06-2021 to 22-06-2021. Photography, poster and painting competitions were organized for students of BSC Zoology. Winners of the competitions:

a. **Poster Competition**: The theme of the competitions was "Importance on covid vaccination". Best Poster prize was bagged by Ms. Radha Shirsat of SYBSc Zoology.

b. **Painting competition**: Theme: "Wildlife Trade"

Best painting prize was bagged by Ms. Lizanne Cardozo of SYBSc Zoology

c. **Photography Competition**: Theme "My Backyard wildlife".

First place: Mr. Akshay Hanumanth Velgunkar

Second place: Ms. Ferzeen Shaikh

Third place: Ms. Antara Poi Raiturker

6) **MANGROVE DAY CELEBRATION**: Department of Zoology organised competitions for the students on the occasion of World Mangrove Day on 26th July, 2021 in association with Mangrove Society of India. Slogan writing, Elocution competition and photography competition were organized for students of BSC Zoology.

Winners of the competitions:

a. **Slogan Competition**: The theme of the competitions was "Conservation of Mangrove ecosystem".

Best slogan: Ms. Shanaya Phal Desai – SYBSc Zoology

b. **Elocution competition**:

Topic: 1. Threats to mangrove ecosystem.

2. Importance of Mangrove.

3. Issues and challenges of mangrove conservation.

Best elocution: Ms. Shanaya Phal Desai – SYBSc Zoology

c. Photography Competition: Theme “Mangrove Fauna”

Best photograph: Ms Antara Poi Raiturker- TYBSc Zoology

FACULTY ACHIEVEMENTS:

1) CERTIFICATE OF APPRECIATION:

Dr. Nandini Vaz Fernandes, Associate Professor and Head, department of Zoology was awarded Certificate of Appreciation by National Centre for Cell Science (NCCS) and IISER Pune, Govt. of India ' for promoting science. She had coordinated Programme of the Human Atlas initiative to promote reading of scientific literature for the students.

2) ONGOING AND NEW RESEARCH PROJECTS/GRANTS:

For 2020-21, the department of zoology had 05 ongoing and new research projects and grants.

(i) Dr. Nandini Vaz Fernandes:

PROJECT: ‘Evaluation of effectiveness of methodologies used in conducting practicals of Biological sciences’ funded by Directorate of Higher Education, Govt. of Goa.

(ii) Dr. Nandini Vaz Fernandes, Prof. Nandkumar Sawant, Mr. Wendham Gray & Mr. Castor:

PROJECT: ‘Wildlife Activity Management’ APP development, funded by Goa Forest Department, Govt. of Goa. The project involves creating app for monitoring wildlife data related activities of Turtle nesting site, Animal rescue operations and Plant nursery data.

(iii) Dr. Nandini Vaz Fernandes, Prof. Nandkumar Sawant, Mr. Wendham Gray & Mr. Castor:

PROJECT: DBT Star College Scheme. DBT, Ministry of Science & technology, Govt. of India.

(iv) Dr. Nandini Vaz Fernandes & Prof. Nandkumar Sawant:

PROJECT: Fund for organizing regional workshop on 'Research Based Pedagogical Tools (RBPTs) for Undergraduate Science Teachers, funded by IISER Pune (DST-MHRD-COESME).

(v) Dr. Nandini Vaz Fernandes & Prof. Nandkumar Sawant:

PROJECT: 'Development of wildlife management plan for Bondla wildlife sanctuary' funded by Goa Forest Department, Govt. of Goa.

3) FACULTY PUBLICATIONS: RESEARCH PAPERS PUBLISHED /PRESENTED:

(I) BOOK/CHAPTER PUBLISHED: 04

Dr. Nandini Vaz Fernandes authored 03 chapters in books published by international publishers. Mr. Stephen Dias, Ms. Tessa Vaz, Ms. Madhu Balekai and Ms. Prasanna Naik Gaonkar, also published chapters in a book.

1) **Sawant, N.N, & Fernandes, N.V(2021).** 'Study on Curriculum Redesigning-Suggestive Framework for Skill Enhancement in Higher Education in India' in the book 'Modern Perspectives in Language, Literature and Education' Vol. 8, BP International Publishers, London WC1N 3AX, UK. ISBN 978-93-91595-89-0 (Print) ISBN 978-93-91595-97-5 (eBook).

2) **D'Souza, R., & Fernandes, N. V(2021).** 'A Perspective on an Interdisciplinary Approach to Education' in the book 'Modern Perspectives in Language, Literature and Education' Vol. 8, BP International Publishers, London WC1N 3AX, UK. ISBN 978-93-91595-89-0 (Print) ISBN 978-93-91595-97-5 (eBook).

3) **Fernandes NV, Balekai M, Vaz T and Naik Goankar P (2021).** Impact of Habitat Degradation on Mangrove Biodiversity. New Visions in Biological Science Vol. 2, 81-90. BP International Publishers, London WC1N 3AX, UK. ISBN 978-93-91882-41-9 (Print), ISBN 978-93-91882-45-7 (eBook).

- 4) **Dias SJ** (2021). Determination of Fisher Perception towards Smooth-coated Otters (*Lutrogale perspicillata*): A Case Study in Western India. *New Visions in Biological Science* Vol. 4, 81-90. BP International Publishers, London WC1N 3AX, UK. 978-93-5547-118-5 (Print), 978-93-5547-119-2 (eBook)

(I) PAPER PRESENTATION: 01

- a. Ms. Gautami Manakikar, Asst. Professor of Zoology, along with two students, Ms. Prachi Talavnekar and Ms. Kimberly D'Costa of T.Y.B.Sc presented a paper on "A study on spider diversity of Divar island" at the Online International Conference on Biodiversity Conservation and Tourism jointly organised by Shikshan Vikas Mandal's Shri. S. H. Kelkar College of Arts, Commerce and Science, Internal Quality Assurance Cell (IQAC), Department of Environmental Science & Department of Vocational Courses In Association with Joint Director Office, Higher Education, Konkan Region, Panvel on 17th May, 2020.

4) FACULTY MEMBERS INVITED AS RESOURCE PERSON : 10

Faculty members of Department of Zoology were invited as resource person by various Institutions, Forest Department, Govt. of Goa and other forums to avail the expertise and acumen of the faculty members of the department of zoology.

1. Dr. Nandini Vaz Fernandes, Associate professor, Department of Zoology was invited as a resource person for a National Webinar on 'Intellectual Property Rights' organized by NKSP-ASC College, Badnapur, Aurangabad. The webinar was organized on 8th November 2020.
2. Dr. Nandini Vaz Fernandes and Mr. Stephen Dias were invited as members of the organizing committee for '4th Bird Festival' Organized by the Forest Department, Govt. of Goa. Department of Zoology of Chowgule College was assigned the task of organizing Bird walks for the general public on behalf of the Forest department, for the bird festival to be held from 5th – 7th February 2021.

3. Dr. Nandini Vaz Fernandes, Associate Professor, Department of Zoology was invited as a resource person for a two day National webinar on “NAAC Accreditation, A first Step towards Achieving Excellence in Quality Education”. The webinar was organised by RJ College of Arts and Science (Autonomous), Mumbai under the aegis of UGC Paramarsh Scheme on 16th and 17th January 2021. Dr. Ganesh A Hegde, Adviser NAAC Bangalore, was the Chief Guest and keynote speaker. Dr. Nandini delivered a session on “Criterion II- Teaching, Learning and Evaluation” where she discussed the approach of preparing the institution to excel in its teaching-learning processes as per the objectives given by NAAC. The session also highlighted the preparation of SSR with emphasis on Criterion II.
4. Dr. Nandini Vaz Fernandes, Associate Professor, Department of Zoology was invited as a resource person by Forest Department, Govt. of Goa, for the ‘Pre-Bird Festival Webinars’ organized from 29th to 31st January 2021. Her session on “Introduction to Birdwatching” was the opening session of the Pre-bird festival, which was live streamed for general public all over Goa. The Pre-Bird Festival was organised by Forest department as an initiative to create awareness on the importance of bird conservation and to share the knowledge of various birds and their role in the environment and the benefits of birding.
5. Dr. Nandini Vaz Fernandes was the resource person for 7 Day Faculty Development Programme on “Institutional Benchmarking of Best Practices” organized by IQAC of DPM’s Shree Malikarjun & Shri. Chetan Manju Desai College Canacona from 8th -14th June 2020. The National level FDP was attended by 5000 academicians from all over India. Dr. Nandini presented a session on Best Practices in Teaching-Learning-Evaluation with emphasis on “Problem Based Learning – As an Effective Teaching-Learning-Evaluation Tool”.
6. Dr. Nandini Vaz Fernandes, was invited as a resource person for ‘DBT Star National lecture Series’ organized by Modern College of Arts, Science & Commerce, Pune Maharashtra India. The lecture series was conducted in a virtual mode on 01st and 2nd Feb 2021. Dr. Nandini Delivered a session on “Tools and techniques in diagnosis of Genetic Diagnosis. Students and faculty from various colleges, who participated in the lecture series, interacted with Dr. Nandini to know more about various techniques used in diagnosis of genetic disorders.

7. Dr. Nandini Vaz Fernandes, Mr. Stephen Dias were invited as Resource persons by Forest Department, Govt. of Goa. They conducted a 'Capacity Building Workshop: "Wildlife Management through GIS and GPS Technology"' for 50 forest officials on 19th February 2021. The workshop was organized by the forest department to enhance the skills of the forest department staff by introducing them to field protocols of wildlife monitoring using GIS and GPS.
8. Dr. Nandini Vaz Fernandes, was invited as a resource person for a State level webinar on "Importance of Microbiology in Genetic Diagnosis" organised by Department of Microbiology of Govt. College of Arts, Science & Commerce, Khandola Goa. The webinar was held in virtual mode on 23rd Feb 2021. The webinar was followed by interactive discussion session where the students and faculty from various colleges in Goa, interacted with her.
9. Dr. Nandini Vaz Fernandes was invited as resource person for Webinar on "Intellectual Property Rights" by IQAC of NES's Arts Science and Commerce College Lanza, Maharashtra on 13th June 2021. Dr. Fernandes spoke on Intellectual property rights viz. patents, trademarks, industrial designs, Geographical indications, copyrights etc. The webinar was followed by interactive session where the faculty members interacted with Dr. Fernandes to know more about relevance of IPR in academics/education institution for students, researchers and faculty members.
10. Miss Prasanna Naik Gaonkar was invited to be a part of Swachh Bharat Student Internship (SBSI) Committee for Masters students of Goa University, Zoology Department, to help in conducting and evaluating the SEA which was held on 30th June 2021 from 3.30p.m. to 5.00 p.m. via Google Meet.

5) FACULTY DEVELOPMENT PROGRAMMES: 02

1) Dr. Nandini Vaz Fernandes underwent “Journal Citation Reports (JCR) Training & Certification Program 2021” and secured 90%. The certification program was conducted by CLARIVATE from 15th & 17th June 2021.

2) Ms. Gautami Manakikar attended Seven days International Virtual Faculty Development Program (FDP) on ‘Research Methodology’ organized by Department of Business Management, Pillai college of Arts Commerce and Science (Autonomous) in association with Millennium University, Malawi, South Africa from 26th May 2021 to 1st June 2021.

6) SOCIAL CONTRIBUTION/ COMMUNITY SERVICE :

i) COVID DUTY: ‘Monitoring the COVID Vaccination and testing’:

Dr. Nandini Vaz Fernandes was assigned duty for handling pandemic situation, by Directorate of Higher Education and SEC & SDMA, Govt. of Goa, from 5th May to 16th May 2021. She was assigned the task of ‘Monitoring the COVID Vaccination and testing’ works carried out at Assolna-Velim-Chinchinim, constituency. She worked to monitor the vaccination and COVID testings done at the Public Health Centre (PHC) in the AVC constituency and submitted daily report to Incident commander for Salcette Taluka.

ii) COVID DUTY: ‘Private Hospital Bed management’:

Dr. Nandini Vaz Fernandes was assigned special duty of COVID pandemic controlling works of ‘Private Hospital Bed management’ by ‘District Designated Officer’ under Disaster management Act, 2005 from 16th May 2021 to 14th June 2021. She was designated as ‘Coordinators’ of ‘Trimurti Hospital’. She worked in collaboration with the hospital to help in the arrangement of ventilators for hospitals, ensuring bed availability to patients, coordinating with hospitals to transfer critical patients for better healthcare facility, help patients to avail DDSSY facilities, check the need for counseling of patients/relatives and look into the general compliance of regulations of the govt. by the hospitals.

iii) Fostering scientific temper:

a. Parvatibai Chowgule College is selected by DBT, Govt. of India, under 'Science Setu Programme' to be mentored by International Centre For Genetic Engineering and Biotechnology (ICGEB), New Dehli. This programme is coordinated by Dr. Nandini Vaz Fernandes, Dean-Faculty of Lifesciences and College Coordinator of DBT Star College Scheme. Science Setu programme was launched by MST Govt. of India in 2014 as a measure to address the problem of paucity of teaching resources in higher education leading to a lack of connectivity between academic scholarship and teaching.

Under this programme ICGEB, New Dehli organized the following events which were attended by faculty and students of science departments of Chowgule College:

- 1) Introductory lecture1:'International Centre for Genetic Engineering and Biotechnology' on 15th March 2021, delivered by the Honorable Director of ICGEB, Dr. Dinakar M. Salunke.
- 2) Session 2: "Visualising Biology" - on 22nd April, 2021 delivered by Dr. Neel Sarovar Bhavesh, Group Leader in Transcriptional Regulation Group, ICGEB.
- 3) Session 3: "Molecular Farming for Biofuel and Drug Using Photosynthetic Organisms" on 21st May, 2021 delivered by Dr. Shashi Kumar, Group Leader in Metabolic Engineering Group, ICGEB.
- 4) Session 4: "How our immune system responds to infections?" on 4th June, 2021 delivered by Dr. Dhiraj Kumar, Group Leader at Cellular Immunology Group, ICGEB.
- 5) Session 5: "A biologist's view towards the utility of artificial intelligence-based approaches to combat COVID-19 pandemic" on 6th July, 2021delivered by Dr. Arun Sharma, Senior Information Scientist at DBT Apex BTIC, ICGEB, New Delhi.

7) WORKSHOPS/SEMINARS/CONFERENCES ATTENDED:

- 1) Ms. Tessa Vaz and Ms. Gautami Manakikar, faculty from the Department of Zoology, attended a one day webinar on 'Use of Elsevier Tools for developing Research Workflow and Academic Writing' by Dr. Shubra Dutta, organized by the Directorate organized by the Directorate of Higher Education in association with Elsevier for the Teachers, Research Guides and Research Scholars in Goa University and Colleges in Goa on 18th May 2020.

- 2) Dr. Nandini Vaz Fernandes, participated in National Webinar organised by Lal Bahadur Shastri College, Satara on 21st May 2020, on "ICT Enablement in Higher Education'.
- 3) Ms. Gautami Manakikar, faculty from Department of Zoology, attended a webinar on "How to Write a Great Research Paper, and Get it Accepted by a Good Journal" by Dr Anthony Newman and Professor Rizwan Hasan Khan, organized by the Directorate of Higher Education in association with Elsevier on 03rd June 2020.
- 4) Ms. Madhu P Balekai , Ms.Tessa Vaz ,Ms. Gautami Manakikar and Ms. Prasanna Naik Gaonkar and Dr. Nandini Vaz Fernandes, attended a webinar on "ICT Enablement in Higher Education for the Betterment of Academic Content Delivery and Statutory Adherence -NAAC Preparedness" organized by Parvatibai Chowgule College of Arts & Science (Autonomous) and MasterSoft ERP, Nagpur on 04th June 2020.
- 5) Dr. Nandini Vaz Fernandes attended International Webinar on "Post-COVID-19 Educational Scenario : Prospects and Challenges", on 6th June 2020, Organized By 'School Of Education, Hemvati Nandan Bahuguna Garhwal University (A Central University), Srinagar, Garhwal , Under the scheme of Pandit Madan Mohan Malviya National Mission On Teachers & Teaching (PMMMNMTT)
- 6) Miss Madhu P Balekai attended a webinar on "Our Planet: Theirs's too" organized by Department of Zoology, St Aloysius College (Autonomous), Mangaluru on 11th June 2020 from 03:30pm to 4:30pm. Resource person for the same was Mr. Tauseef Ahmed.
- 7) Ms. Madhu P Balekai , Ms.Tessa Vaz and Ms. Gautami Manakikar, faculty from Department of Zoology, attended a four days Online Workshop on "Statistical Data Analysis and Interpretation using SPSS" by Dr.R.Ravanan, organized by Institute for Statistics and Analytical Research from 11th to 14th June 2020.The workshop was held from 11th June 2020 to 14th June 2020 from 06:00pm - 09:00pm. It was particularly designed for statistical data analysis techniques and interpretation using statistical package through interactive and practical session along with theory.
- 8) Ms. Gautami Manakikar attended a webinar on "Academic Publishing-Dos and Don'ts" by Dr. Subhasree Nag, organized by the Directorate of Higher Education in association with Clarivate Analytics(Web of Science) on 12th June 2020.

- 9) Miss Madhu P Balekai attended a session on 'FLYING GEMS: Key to Conservation' by Arannayas on 13th June 2020 at 06:00pm-07:00pm. Resources person was Mr. Sridhar Halali who recreated his childhood exploring the butterflies of Mollem. He also explained how Mollem is a pristine forest for hundreds of butterflies and are central in designing conservation strategies.
- 10) Dr. Nandini Vaz Fernandes attended national webinar on "Biodiversity conservation-prospects and challenges" organized by KLE Society's SN College, on 19th June 2020.
- 11) Ms. Gautami Manakikar, Assistant Professor, Department of Zoology, attended Workshop on 'Snake taxonomy' conducted by Bombay Natural History Society (BNHS), Mumbai on 08th-09th May 2021
- 12) Ms. Gautami Manakikar, Assistant Professor, Department of Zoology, attended a seven days International Virtual Faculty Development Program (FDP) on 'Research Methodology' organized by Department of Business Management jointly with Ph. D. Research Centre of Pillai college of Arts Commerce and Science (Autonomous) in association with Millennium University, Malavi , South Africa from 26th May2021 to 1st June 2021.
- 13) Ms. Gautami Manakikar, Assistant Professor, Department of Zoology, attended Workshop on 'Understanding lizards' conducted by Bombay Natural History Society BNHS, Mumbai on 27th-28th May 2021.
- 14) Ms. Tessa Joanne Vaz, Assistant Professor, Department of Zoology attended a hands-on program on "Bloom's taxonomy for digital learning". The program was conducted by Orangeslates on 29th May, 2021.
- 15) Ms. Madhu Balekai Assistant Professor attended international webinar on "Clinical and Immunological Aspects of Food Allergy" organized by Goa College of Home and Science, Campal- Panaji on 11th June, 2021. The resource person for this webinar was Dr. Sandip D. Kamath, M.Sc., PhD.
- 16) Ms. Gautami Manakikar, and Ms. Madhu Balekai Assistant Professor, Department of Zoology, attended webinar "World Crocodile Day" organized by Biodiversity Research Cell, Dept. of Zoology, Carmel College of Arts and Science and Commerce for Women, Nuvem, Goa in partnership with Goa State Biodiversity Board on 17th June, 2021.

- 17) Ms. Madhu P Balekai, Assistant Professor, Department of Zoology, attended a training program on "Mangroves: to save Earth" organized by Environmental Management and Policy Research Institute on 18th June, 2021. Resource person for this training session was Dr. V. N. Nayak, Retd Professor of Marine Biology.
- 18) Dr.Nandini Vaz Fernandes participated in the following online workshops/conferences: Participated in National level virtual Workshop "Transformation through NAAC Assessment and Accreditation process" held on 21st and 22nd June 2021. The workshop was organized by Institute of Academic Excellence.
- 19) Ms. Madhu Balekai, Assistant Professor , at the Department Of Zoology Participated in Importance of Networking – 'A panel discussion for undergraduate educators' organized under 'Bio-streams' by 'IndiaBioscience' on 24th June 2021.
- 20) Dr. Nandini Vaz Fernandes, Participated in Importance of Networking – 'A panel discussion for undergraduate educators' organized under 'Bio-streams' by 'IndiaBioscience' on 24th June 2021.
- 21) Ms. Madhu Balekai, Assistant Professor , at the Department Of Zoology international webinar entitled " Prevention of Vector Borne Diseases " organized by the P.E. S's R.S.N. College of Arts and Science, Farmagudi, Ponda,Goa held on 28th June, 2021. The resource person was Dr. Kenneth Francis Rodrigues,Ph.D. is an Associate Professor at the Biotechnology Research Institute, University Malaysia Sabah.
- 22) Ms. Prasanna Naik Gaonkar, Assistant Professor, Department Of Zoology, Attended a one- day national webinar on Zoological Studies and human welfare on 14th July 2021 organized by Department of Zoology Govt Degree college for women Baramulla in collaboration with Department of environmental Science University of Kashmir.

A) STUDENT PROGRESSION

GUART 2020-2021:

30 Zoology students of Parvatibai Chowgule College cleared the GUART exam of 2020-21. Of these, 11 students are selected for the first Round GUART exam of Zoology, 02 students for MSc. Biotechnology and 01 for MSc in Marine microbiology.

For the MSc-Zoology, post graduate degree, out of the 30 seats, a total of 11 students are selected from the department of zoology of Chowgule College.

The first rank is bagged by Ms. Neeha Sinai Borkar, of Chowgule College. From the first 10 ranks, 1st, 3rd, 5th, 7th, 8th, 9th were bagged by Chowgule tigers.

a) Awards/Prizes/Achievements of Students:

1. Miss Shreya Subhash Naik along with Miss Shreya Pai and Master Ashish Kumar from TYBSc Zoology, were awarded as HI-POTENTIAL student innovators under the competition "Parivartan Karo Na" which was an initiative undertaken by GDP ideaz foundation in order to bring out the unique entrepreneurial skills that may in turn help us reverse the ill-effects of the Covid-19 that has been brought up on the economy of Goa.
2. Mr. Akshay Prabhu from SYBSc Zoology participated in the intercollegiate photography competition organised by Ganpat Parsekar college of education on the occasion of wildlife week on 6th October 2020. He won the 3rd place for photography competition. Department Congratulates him on his achievement.
3. Ms. Abigail Sacrafamilia, student of TYBSc Zoology won the 2nd place in the National poster competition organized by ASC college, Lanja, Ratnagiri in collaboration with Mangrove society of India on 2nd February 2021. The theme of the competition was "Wetland Conservation". The department congratulates her, for this achievement.
4. Miss Shanaya Phal Desai participated in Wilderness 3.0 conducted by Ganpat Parsekar College of Education. She participated in Essay writing competition and secured 2nd place.
5. Ms. Radha Shirsat won the first place and Miss Shanaya Phal Desai Won 2nd Place in All Goa Mobile videography competition organised by Forest department of Goa.
6. Ms. Radha Shirshat and Ms. Rukaiya Khan from SYBSc participated in an online quiz on Gender equality and women's empowerment organised by Womens Cell of P.E.S R.S.N college of arts and science (Autonomous) on 13th November 2020.
7. Ms. Aga Iqra Khatoon Participated in Open mike contest and secured 2nd position. It was organized by Career and personal counseling in collaboration with Women's committees.

8. Miss Aransha Rodrigues Participated in poster making competition on “discovery gallery pride of India” and secured 1st place. It was organized by the Department of Zoology of Parvatibai Chowgule College of Arts and Science, to commemorate National Science day held on 24th February 2021.
9. Ms. Aga Iqra Khatoon Participated in poster making competition on “discovery gallery pride of India” and secured 1st place. It was organized by the Department of Zoology of Parvatibai Chowgule College of Arts and Science, to commemorate National Science day held on 24th February 2021.
10. Ms. Aga Iqra Khatoon Participated and won Quiz-2 on Manodarpan- an initiative by MHRD held on 14th October, 2020 organised by Career and Personal Counselling Centre of Parvatibai Chowgule College of Arts and Science (Autonomous).
11. Students Ms. Lizanne Cardozo from SYBSc Zoology participated in fashion sketching intercollegiate competition organised by Ganpat Parsekar college of education on the occasion of wildlife week on 6th October 2020. Ms. Lizanne Cardozo won the first place in fashion sketching. Department Congratulates her on her achievement.

Participation in activities/events by Students:

1. Ms. Neeha Sinai Borkar from TYBSc Zoology, participated in My NEP Ambassador in promoting National education Policy 2020, quiz competition on 28th september 2020.
2. Ms. Neeha Sinai Borkar TYBSc Zoology, participated in online webinar titled “Attitude or Gratitude” organized by ATAL BIHARI VAJPAYEE TRUST, BILASPUR-CG ON 16th September 2020.
3. Ms. Ferzeen Shaikh and Ms. Dipti Singh from TYBSc Zoology and Mr. Akshay Prabhu from SYBSc Zoology, participated in a photography competition on 12th October 2020 organised by Wildlife and eco-tourism wing on the occasion of 69th wildlife week celebration.
4. On the occasion of 69th wildlife week celebration 19 students from the SYBSc and TYBSc Zoology participated in the webinar series on various aspects of wildlife and its conservation and about the diversity of animals in the forests of Goa.
5. Ms. Neeha Sinai Borkar from TYBSc Zoology participated in online webinar on “Interaction with a Researcher” organized by CIBA on 15th October 2020

6. Ms. Stena Rebello from SYBSc Zoology participated in essay writing competition organised by the writing centre of Parvatibai Chowgule College of Arts and Science on 24th October 2020.
7. Ms. Neeha Sinai Borkar from TYBSc Zoology participated in State Level Online Quiz on the theme "Ozone for Life" organized by P.E.S's Ravi S. Naik College of Arts and Science from 18th to 31st October 2020.
8. Mr. Akshay Prabhu from SYBSc Zoology participated in 2 day workshop on 'snake taxonomy' organised by Nidus explore on 7th and 8th November 2020 which taught the participants about the identification , taxonomy and publication.
9. Ms.Radha Shirshat and Ms. Rukaiya Khan from SYBSc participated in an online quiz on Gender equality and women's empowerment organised by Womens Cell of P.E.S R.S.N college of arts and science (Autonomous) on 13th November 2020
10. Ms. Stena Rebello from SYBSc attended a webinar on "Developing strategies for Academic success" organised by Career and Personal Counselling Centre of Parvatibai Chowgule college of Arts and Science (Autonomous) on 30th November 2020.
11. Miss Shreya Subhash Naik from SYBSc participated at India International science festival 2020 in women scientist and entrepreneur competition conducted from 22nd December 2020 to 25th December 2020 organized by ministry of science and technology; ministry of Earth sciences' and ministry of health and family welfare, Government of India. Department Congratulates her.
12. Ms. Radha Shirsat, Student of SYBSc Zoology attended a webinar on "Visualizing Biology" delivered by Dr. Neel Sarovar Bhavesh, Group Leader in Transcriptional Regulation Group, ICGEB.
13. Ms. Radha Shirsat and Ms. Stena Rebello, students of SYBSc Zoology, attended fourth lecture under the ICGEB-DBT Science-Setu Programme on "How our immune system responds to infections?" on 04th June, 2021conducted by Dr. Dhiraj Kumar, Group Leader at Cellular Immunology Group, ICGEB.
14. Ms. Stena Rebello, students of SYBSc Zoology attended "World Crocodile Day" organized by Biodiversity Research Cell, Dept. of Zoology, Carmel College of Arts and Science and Commerce for Women, Nuvem, Goa in partnership with Goa State Biodiversity Board on 17th June, 2021.

15. Stena Jesima Rebello, student of SYBSc, Zoology attended a Webinar on “Intellectual Property Rights” conducted by New Education Society Arts, Commerce and Science College, Lanja in association with IQAC & Department of Zoology, Arts, Commerce and Science College, Lanja.
16. Ms. Shanaya Desai, Student of SYBSc , Department of Zoology Participated in National Open writing contest virtually on social media platform held in 1st week of July, 2021 organized by THE 2am Thoughts and BIOZO club, CET Bhubaneshwar on the occasion of World Blood donor day.
17. Ms Stena Rebello, Ms. Frazila Crasto, Ms. Radha Sirsat and Lizanne Cardozo students of SYBSc Zoology participated in the ‘Online Mobile Videography Competition held on the occasion of Van Mahotsav, 2021 organized by the Government of Goa, Goa Forest department on 4th July, 2021.
18. Ms. Shanaya Desai, Student of SYBSc , Department of Zoology Attended a webinar on Zoological studies and Human welfare, 14th July 2021 organized by Department of Zoology, Govt Degree College for Women Baramulla in Collaboration with Department of Environmental Science, University of Kashmir.
19. Lizanne Cardozo students of SYBSc Zoology participated in Elocution competition held on 24th July, 2021, organized by Department of zoology, Parvatibai Chowgule college on occasion of Mangrove Day.

Green Initiatives: Environment Protection Awareness works

Under the the abled guidance of Dr. Nandini Vaz Fernandes, Ms. MadhuBalekai, Ms. Tessa Vaz & Ms. Gautami Manakikar, following activities were conducted by the students of department of Zoology:

- 1) Awareness activities: Students designed E-posters to create awareness on the various aspects of Waste Management. The students conducted awareness programme using posters to explain about the adverse effects of waste on the environment and human health. They also created awareness on the different sources of waste and how one can segregate and dispose the waste safely without harming the environment. They emphasized on the hazardous effect of E-waste on the environment and suggested methods of disposing the E-waste generated.

The main aim of this activity was to reignite the awareness regarding the ill aspects of improper waste management. 32 students participated in this activity.

- 2) **Composting:** Students carried out composting at their homes. Organic composting mainly reduces the amount of organic waste generated. It cuts down the usage of chemical fertilizers and is used to remediate soils contaminated by hazardous waste. The students were explained the basic concept of organic composting and were given instructions on how to prepare kitchen compost effectively at home. The main aim of this activity was to encourage the students to use and promote organic composting as an ideal way of managing kitchen waste.
- 3) **Handmade Paper** Students were given instructions on the process of handmade paper and encouraged to create various products using homemade paper. Students prepared diverse products such as bags, diaries, envelopes, packaging, office accessories and even cards. As handmade papers are made from recycled papers, it is an effective method of decreasing the amount of waste generated. The use of recycled paper also reduces the number of trees cut down and promotes sustainable development. The main aim of this activity was to promote recycling paper and reduce the amount of waste generated.

DR. Nandini Vaz Fernandes

Head- Department of Zoology



**REPORTS
SECTION**

A R T S



Department of **SOCIOLOGY**

HIGHLIGHTS

The Department of Sociology keeping in mind the vision strongly believes in the holistic development of the students and teachers. The department takes keen interest in organizing and promoting teachers and students to participate in multiple learning activities, so as to help them discover and build qualities of leadership, rationality, ethics and knowledge. The Department is proud to present the annual report of 2020-2021, which is based on the team work of teachers and students.

Faculty related activities & achievements in the Department

Dr. Sachin Savio Moraes

- Dr. Sachin Savio Moraes was invited to Government College Quepem as the chief guest on occasion of international women's day Monday on 8th March 2021 at 2.pm to speak on the role of women in nation building to the NCC cadets.
- Dr. Sachin Savio Moraes, Participated in the two day online workshop "Transformation Through NAAC Accreditation Process, a national level workshop for Higher Educational Institutions held on 21st and 22nd June 2021 conducted by "Institute for Academic Excellence, Hyderabad" in collaboration with 'collegiate Education and Technical Education Department, Telangana State.

Students related activities / achievements of the department

- The Students of SYBA and TYBA sociology in the month of January 2021 under the course 'Contemporary issues of Women in India' had a Project to be conducted on the 'Awareness of wearing Mask', 72 students participated in this assignment of asking people to wear mask and what are the dos and don't of mask during the time of pandemic. This activity was very successful, since now most of the people are on the social networking sites so it was better for students to aware them online.
- The students of SYBA Sociology had a assignment based on 'Educational Drive' in this students had to teach some lessons to unprivileged students of the society either online and offline during the time of pandemic so that the unprivileged students do not feel out of place when it come their education. A total of 41 students participated in the activity.

Online test for the students and our students helping the underprivileged children with their studies during pandemic time.

Activities conducted by the department

The Department of Sociology along with NGO, ARZ conducted a webinar on 'Human Trafficking in Goa' on 25/9/2020 at 2.30 PM to 3.30 PM. Total of 50 students along with both the faculties from the Department of Sociology were present for the same. The webinar aimed at awareness on Human Trafficking in Goa which has become serious issue over time. The main speaker for the webinar was Ms. Juliana Lohar, general manager of swift was and coordinator of NGO ARZ.

- The Department of Sociology organized a guest lecture on the topic 'The processes of registering the NGO in Goa' held on 29/9/20 at 12.45 to 1.45 on the google meet. Ms. Myriel Martins was the resource person for this guest lecture, she was our ex-student batch 2018-19. Total of 34 students participated in the session. The session was very fruitful and it was interactive session students were excited to know more about the formation of NGOs.
- The Department of Sociology organized a guest lecture on 'The How of Making A DST' by Ms. Jessica Ewert, Sociology/ Health and Social care Teacher at Kantor King Solomon high school, United Kingdoms. It was held 28th October 2020. Total of 64 students attended the session through online mode. A total of 65 students were present for the session.

- The Department of Sociology organized guest lecture on 'The Life of Children Placed in Remand Homes in Goa' by Ms. Evelyn Savia Fernamndes, Asst prof. department of Sociology Government College Quepem to the students of FY, SY and TYBA sociology students. There were 45 students present for the same through online mode. The guest lecture was held on 22nd December 2020 at 12.45 PM to 1.45 PM.
- The department of Sociology hosted its annual inter-Higher Secondary event 'Goenkarponn' for the fifth year on the 19th of February 2021 in the virtual space through a Google Meet. This event is being organized annually with an objective to: relive, recreate and appreciate the Goan Culture also to foster sister/brotherhood among the youth. Seven institutions with 7 teachers participated in the virtual event.
- The Department of Sociology Participated in the Prerna Diwas on 1st March 2021. 'Sociology and society knowing it better through technology', as the theme was a broad one, the students could pick on any topic of their choice and bring out an aspect of the society through a video representation of that social reality. The students did a good job with the same. The students presented on various themes relating to the society and the subject of Sociology. SYBA and TYBA Sociology 60 students participated through google meet.
- The Department of Sociology of Parvatibai Chowgule College organized intercollegiate E-Socius 2021. It was held on 12 April 2021 through online mode from 10.00 AM onwards, two colleges participated for the event Mallikarjun college Canacona and MES college Vasco. This event had three competitions 1. Theory behind the picture 2. Story behind the picture 3. Poster presentation. Over all 15 students had participated along with the students of our college.

Community Outreach Programmes

- **Awareness of Wearing Mask:** The Students of SYBA and TYBA sociology in the month of January 2021 under the course 'Contemporary issues of Women in India' had a Project to be conducted on the 'Awareness of wearing Mask', 72 students participated in this assignment of asking people to wear mask and what are the dos and don't of mask during the time of pandemic. This activity was very successful, since now most of the people are on the social networking sites so it was better for students to aware them online.

- **Educational Drive:** The students of SYBA Sociology had a assignment based on 'Educational Drive' in this students had to teach some lessons to unprivileged students of the society either online and offline during the time of pandemic so that the unprivileged students do not feel out of place when it come their education. A total of 41 students participated in the activity.
- **MASK DISTRIBUTION DRIVE TO THE UNDERPRIVILGED MIGRANT LABOURERS, APRIL AND MAY 2021:** The students of the Human Club undertook a mask distribution campaign in the city of Margao and around. A total of 100 people mainly the underprivileged i.e. Laborers and street dwellers were given free mask and an awareness was created on the need and benefits of wearing a mask during the covid-19 times.



Department of **PSYCHOLOGY**

Articles Published

- Kirtani, S.(2021, May 01) Saglyanchyach Vatyak. Bimb 20(05) 30-32
- Kirtani, S.(2021, June 01) Can you hear me. Bimb 20(06) 38

Faculty Participation:

- Aresh Naik attended the annual state conference of the Psychiatric Society of Goa (GPSYCON 2020), which was held online, on the 10th and 11th of October, 2020. The theme for the conference was 'Focus on Elderly: Psychogeriatrics'.
- Aresh Naik attended a webinar organised by AFINet on the 20th of October, 2020. The topic for the event was "The Stress-Strain-Coping-Support-Model and the 5-Step Method", for family members affected by alcohol, other drug misuse and gambling.
- Tanya Keni is selected as a Research Psychologist for a Three month Research Project on Psychometric Scale development by University of Mumbai's Garware Institute of Career Education and Development in association with American Indian Foundation (AIF).
- Dr. Sobita Kirtani delivered a talk on 'Personality, Behaviour and Stress Management' on 21st December, 2020 at an orientation program organized by the Yuva Shakti Abhiyaan - a National Movement for Women.
- Aresh Naik participated in the second Intervention Development Group Workshop held to develop an adolescent mental health program, on the 20th of March, 2021, at Sangath, Goa.

- Aiswarya M Babu completed an online course of 16 hours of training in Acceptance and Commitment Therapy conducted by Dr. Gitanjali Natarajan, HOD Department of Clinical Psychology, AIIMS Kochi & Dr. Urmila Pilay, Chartered Clinical Psychologist, London held in March, 2021.
- Dr. Golda Vas was invited as a guest speaker for a seminar on 'Job Readiness And Opportunities' a charitable initiative organized on 21st March 2021 at Presentation Convent High School by Adv. Seoula Vas.
- Ms Aiswarya M Babu, Assistant Professor successfully completed the "Basic Proficiency Test in Digital Tools for Education" conducted by Tech for Educators on 3rd June 2021.
- Ms. Tanya Keni has been granted admission for her Doctoral Studies in Psychology from the Bremen International Graduate School of Social Sciences at the University of Bremen and Jacobs University, Bremen, Germany. The PhD is a fully funded employment position for the German Government funded Research Project "Social dynamics of Self".

Departmental Activities

- The department of Psychology held a discussion forum on December 12th 2020, on the topic #DownloadingRelationships - Navigating a Private Affair through Google meet. The event aimed at creating an open discussion for online relationships and our reliance on it for a sense of belongingness. The discussion forum had a panel of experts, Dr Vilas Padhye, Ms Sangeeta Naik and Advocate Seoula Vas who spoke on the mental, technical and legal aspects of the topic respectively. The event was hosted by Ramya Warriar of TYBA. A total of 75 attendees were present for the event.
- The Psychology Forum, an elected body of students of the department of psychology organized an online social outreach programme to commemorate the 'International Day of Persons with Disabilities'. This session aimed at creating awareness and building sensitivity towards this topic among students. On this occasion, psychologist Kelly Noronha was invited to deliver a talk on the theme 'IDPD 2020 - A Psychological Perspective'.
- The department organized its annual intercollegiate competition 'Mindkraft 2021 the Pandemic Edition' from 04th March 2021 to 13th March 2021. The theme of this year's event was 'Mental Health for All: Greater Investment - Greater Access'.

- A total of 4 teams participated (38 participants in total); Rosary College, Carmel College, Goa College of Home Science and MES college. Carmel College for women were declared the overall winners while Goa College of Home Science were declared the runners-up.
- The department held an online Board of Studies Meeting on the 21st of May, 2021. This was the second time that the meeting was held online in view of the pandemic. There were revisions in the Course and Course Structures that were proposed for the UG and PG programmes along with brand new courses that were approved to be offered for incoming students.
- The Department of Psychology organised an online farewell for the 2018-21 graduating batch on 3rd July, 2021 via Google Meet. The second year and first year students in coordination with the faculty planned a series of events for a wholesome farewell. The theme for the farewell this year was "Ascendants of the Prison", which signified their ascendance from an entire year spent within a limited and enclosed space i.e. their homes.
- An online farewell for the students of MA Part II was organized by the Part I students on 5th July 2021, at 10:30 am. The theme for the farewell was 'Dress up as a character from a Netflix Psychological thriller (movie/show)'. Part II students were asked to dress up and they showed great enthusiasm throughout the whole program, by dressing up like The Joker, Harley Quinn, Veronica Lodge, etc.



Department of PHILOSOPHY

HIGHLIGHTS

An Educational Video Making Competition: 'Sophia Vinteo'

An intra-department video making competition, titled as "Sophia Vinteo" was held by Department of Philosophy for the celebration of "Science day – Prerna Divas" on 22nd February 2021 through online mode. The main objective of this competition that; "how science and technology help in promoting areas of Philosophy". The videos sent by the students are judged on the basis of its content, originality, organization of thoughts, creativity and overall impact. A total number of seven students from the Department of Philosophy participated in the competition. Assistant Professor, Ramu Pagi, Department of Economics and Assistant Professor, Trupti Phal Desai, Department of Marathi judged the event and as per the judging sheet Miss Ashwini Sequeira (TYBA) stood First, Miss Pooja Bisht (SYBA) stood Second and Miss Risa Cabral (SYBA) secured Third place.

A Guest Lecture on 'A Step towards Sustainable Living'

The department of Philosophy of Parvatibai Chowgule College of Arts & Science, Autonomous, held an inter-department webinar for the students on "A Step towards Sustainable Living" on 25th June, 2021 at 2:00 pm through online mode (G-meet). The resource speaker for the same was Asst. Prof. Sendra Periera of Philosophy at Dhempe College of Arts & Science, Panjim. She is also the founder and the president of the NGO: UZWAAD. Miss Sendra had indulged her 10 years of research into sustainable development and the same imparted knowledge to the students and influenced them to nurture nature as it is the most important element of our life. The lecture explained, how to create effective nutrient compost for growing plants, vegetables, micro-greens, etc. with pure natural process with no artificial pesticides. It imparted skills to generate income from different natural wealth out of waste techniques, e.g. how to make cloth bag, mask, etc. The resource person also discussed the importance of nature worship, how to reduce toxicity, how to protect biodiversity, conservation of energy at home, reuse waste, no plastic and many other. It also focused on how sustainable living will act as a stress reliever during pandemic. In short it was boosted with the knowledge of life skill activities by honouring earth.



Department of **HISTORY**

- Ms. Vanessa Barros Colaço, Assistant Professor, delivered a speech on the 'Life and Legacy of Sardar Patel' during the Ekta Diwas celebration on 31st October 2020. The audience was made aware of the life and legacy of Sardar Vallabhbhai Patel, the role played by Sardar Vallabhbhai Patel in the integration of princely states, the significance of strong ideals of nationalism and unity amidst the diversity and the need to promote such ideals among students.
- Ms. Leeann Clizma Pereira participated in a elocution competition on the theme ' Revisiting Fundamental Duties in the COVID world'
- Ms. Sarita Naik Tari, Head of the Department and Associate Professor delivered a speech on Constitution Day held on 26th November 2020. Highlighted the significance of Preamble to the Constitution of India.
- Mr. Noel Goes delivered a speech on Goa Liberation Day on 19th December 2020.
- An Essay competition was organised by the department on 25th February 2021 on the topic " Science and Technology in reconstructing History'
- Ms. Sarita Naik Tari- Head of the Department and Associate Professor, delivered a speech on Independence Day 15th August 2021. Highlighted the events leading to the partition of India and the aftermath of partition.

Sarita Naik Tari

Department of History



Department of **ECONOMICS**

The Department of Economics had organized a Certificate course in advanced Empirical Techniques for First year, Second- and Third-year Economics students from 2nd March to 6th March, 2020 in association with Prof Nicolas, From Department of Economics, University of La Reunion. This course was outlined with the rationale of providing exposure to students to international faculty. This course was designed with 4 theory classes and 24 practical sessions. 2 sessions comprised of presentation by final year students (sem IV). The course was designed and executed by faculty Rupali Tamuly. The students used portfolio-based submissions to complete this course which comprised of three major submissions. Total of 12 students completed the course.

The Department had organized bridge course in Research Methodology for Third Year students of 2020-21 batch in order to empower them to handle a course in Project. This was conducted using google meet. Total 10 lectures were conducted and 16 students attended the same. The course was designed and executed by Rupali Tamuly.

Also, Ms. Mahalaxmi Badiguir, Assistant Professor, Department of Economics attended online Webinar on IP Protection through patents copyrights and trademarks organized by the Technology Information Forecasting and Assessment Council (TIFAC) Government of India, New Delhi in association with Goa State Council of Science and Technology (GSCST), Saligao, Bardez from 23rd June to 26th June 2020.

Rupali Tamuly, Associate Professor, attended 5 days faculty development program in research Methodology tools and Techniques organized by IILM college of Engineering and Technology from 18th May to 22nd May 2020.

The Certificate Course in “Computerized Accounting in Higher Educational Institutions” was conducted for the Clerical Staff of the college. The exam was held on 10th October 2020. Mr. Ramu P. Pagi, faculty from the Department of Economics was the Resource Person for the same. The objective of the course was to acquire knowledge of principles and framework of accounting in higher education institutions and develop skills in the practice of accounting using software applications. The following clerical staff successfully completed the course:

- Greta Almeida
- D.M. Prabhudessai
- Anirudh G.S Kunde
- Shreya B. Patil
- Suveena S. Tamse
- Puja P. Prabhu
- Anagha G. Parkar

Then, as per the directives of The Directorate of Higher Education to observe Ozone Day in the month of October, the faculty from the Department of Economics Ms. Shermin A. Shaikh had conducted a quiz on the theme; Ozone for Life for the students of EVS division B. This was conducted on Saturday, 24th October 2020 at 10.45 AM through online mode with the help of google forms for classroom. There were 15 multiple choice questions on the respective topic carrying 2 points each totalling to 30 points. Almost 38 students answered the quiz while some were not able to answer it due to technical issues. The highest score which was achieved by a few students was 30 points and rest scored above 20 points. Overall, it was a good experience wherein students' knowledge on the topic was tested and they did answer well. Also, this activity aimed towards creating awareness and enlightening the students about the Ozone depletion which is a global concern.

Also, the Department of Economics had organised Ecosphere-an interclass E quiz on 9th November 2020 at 11.30 am. The coordinator of the quiz was Ms. Shermin A. Shaikh, faculty of the Department of Economics.

The quiz had 30 questions based on economics and Nobel Laureates and also as the quiz was conducted through online mode the link of the quiz was kept open for the whole day. Upon completion of the quiz, the students who scored above 55 percent and above were given an e-certificate. A total of 37 students from the economics department answered the quiz. The objective of this quiz was to increase the knowledge of the students in the subject of economics. Our department had then organised an Inter - higher Secondary School event "ECO VISION" on 10th December 2020. The main theme of the event was "Rising above the dark". The event was submission based and the results were declared live on department Instagram account @doe_official. The aim of the event was to inspire the young students and give them an insight of the Department of Economics.

Eight Higher Secondary Schools participated in the event:

Balram HSS, Canacona; M.E.S. HSS, Zuarinagar; St. Xavier's HSS, Mapusa Bardez; Smt. Chandrabhaga Tukoba Naik HSS, Curchorem; S.S Samiti HSS, Kavlem Ponda; Gvm's Smt. Nelly Joildo Aguiar HSS, Farmagudi, Ponda; Government Higher Secondary School Canacona; Rosary Higher Secondary School Navelim.

The competitions held were Marketing mix, Quiz; Turn the table, Short film presentation etc. The overall winners were St. Xavier's higher secondary school, Mapusa, the first runners up were Smt. Chandrabhaga Tukoba Naik HSS, Curchorem and second runners up were BALRAM HSS, CANACONA, The Event coordinator was Assistant Professor Ramu P Pagi and Student in charge Miss Rahmat Shaikh.

Then, Revelations, an annual inter college event, organized by the department of Economics of Parvatibai Chowgule College of Arts and Science (Autonomous), with the motto of giving an opportunity to students to be able to apply the economic concepts in real life situations, was conducted online on 31st March, 2021. The event was open to all undergraduate students from colleges across Goa and the colleges that participated were MES College of Arts and Commerce, Vasco and Dhempe College of Arts and Science, Panjim.

Asst. prof. Mahalaxmi Badiguir (teacher in charge) and Rahmat Shaikh from TYBA (student in charge) who put in their whole efforts to make this event a successful one and under whose guidance the event heads and the volunteers did their part very well.

There were 10 events in total.

Following are the events and event heads:

1. Critics of Economics (stand-up comedy): - Santoshi Singh, SYBA
2. Business plan (entrepreneur): - Hritvik Phadte, SYBA
3. Turn the table (Monologue): - Simran Shaikh, SYBA
4. Mr./ Miss finance minister: - Mavish Banducda, TYBA
5. Meme: - Rehan Shaikh, SYBA
6. Eco wiz (quiz): - Shraddesh Kenkre, TYBA
7. Eco stalking (photography): - Kimisha Nakrani, SYBA
8. Research paper: - Manasi Talaulikar, TYBA
9. Treasure hunt: - Shraddesh Kenkre & Mavish Banducda
10. Eco film fare (short film): - Diksha Mishra, SYBA

The overall winner of the event was Dhempe College of Arts and Science. The winners were awarded with certificates and trophies. All the participants were also awarded with certificates. It was a successful event having being conducted online.

Economics Department faculty, Ms. Rupali Tamuly was Invited as resource person by Shree Mallikarjun & Shri Chetan Manju Desai College, Canacona Goa, on 5th July 2021 on the topic: 'Population & Health: Review of SDG 3: Good health and well-being in the light of pandemic' on the occasion of World Population Day 2021.

She was also invited as resource person by Department of Geography and Research Centre, Parvatibai Chowgule college of Arts & science, on 13th July 2021, on occasion of world population day to deliver special lecture on the title 'Women & health decisions.'

Shermin A. Shaikh
Assistant Professor
Department of Economics



Department of **ENGLISH**

The department of English organized several programmes and activities for the students of UG and PG during the current academic year:

Activities of the department

The Department of English held its orientation programme for the First Year students in the first week of September 2020. They were informed about the various courses offered by the department and the course structure of the English programme. They were also informed about the departmental activities, internship and mentoring programmes.

- The students of the English Department organized an online fresher's Party ALPHA 2020, on 17th Oct 20. The Students of FYBA and PG part 1 students were welcomed by the SY/TY/MA in an online get-together. In all there were 34 participants.
- The students of the English Department organized an online Farewell on 31st Oct 2020 FTW for batch of 2020. In all there were 70 participants
- The dept. of English celebrated Women's Day 2021 with a week long submission event from 8th March 2021-16th March 2021. Over 40 students submitted their poems, and write-ups to commemorate the occasion.
- Esther Rodrigues, SYBA student of the English department interviewed Francesca Cotta: Associate Editor, Comixense Magazine. SYBA student, Ryle Faustino Souto interviewed Orijit Sen
- World Poetry Day - Katharsis was held online on 21st March 2021. In all there were 29 participants. The participants had to record themselves performing their original poem based on theme, followed by any reflection on their poem.
- The 4th all Goa Cosplay event was organized through the months of May to July 2021. It was affected due to the series of lockdowns in Goa. 3 Participants however participated in the event and rather than cancelling it students decided to go ahead with the event.

- The Bard by the Mandovi 2021 was organized through the months of May to July 2021, as the lockdowns impeded this online event. 4 institutes with 20 students each participated in the event. The online event had 7 events that the schools participated in.
- An OER competition was organized through the months of May to celebrate Science Day. The event saw over 30 participants in the dept of English titled IGNIUM 2021.

Guest Lecture

- On 13 Nov 2020, the Department of English organised a lecture on 'Postcolonial Indian English Writing: Discussing Mamang Dai's The Black Hill' under Talking Tree Series. Resource person for the lecture was Ms Gracy Samjetsabam, a guest faculty at Manipal Institute of Technology and a Research Scholar at MIC, Manipal Academy of Higher Education, Karnataka.. The speaker addressed the definition of Indian Postcolonial literature, the women writing from the North East and explained certain excerpts from Mamang Dai's The Black Hill. Faculty coordinator: Assistant Professor Delilah Pacheco.
- On November 13th, the department of English, Parvatibai Chowgule College of Arts and Science, Autonomous, organized a talk on post-colonial Indian English literature under the "Talking Tree Series". Gracy Samjetsabam, an English literature teacher who also teaches communication skills at Manipal Institute of Technology, was invited as the guest speaker. Ms. Samjetsabam spoke about the post-colonial North-eastern Indian English literature especially Mamang Dai's 'The Black hill'.
- Under the Future Connect initiative, the department of English organised a guest lecture by Ms Nikita Kurup who is an Executive Content Writer at the Akshaya Patra Foundation. The lecture was held on November 18, 2020 at 9:30 am on the topic "What She Writes - A Conversation on the Content Writing Industry." Through her lecture, Ms Kurup aided students in better understanding the content writing industry. She recounted her experiences in her field and gave real-world advice as to how one should approach content writing, the job requirements and its challenges. Through the Future Connect initiative the department hopes to encourage students to pursue careers that fulfill creative passions and also contribute to the demand for English professionals in various fields. The lecture was widely attended by students, faculty and attendees from outside the college.

Webinar

The English department of organised a two part session with the founder and publisher of Yoda Press, Arpita Das, on the topic drafting with the intent to publish. The first session was held on the 5th of April 2021 via Google Meet at 3p.m. After the first session the participants were given an exercise to complete and based on their performance for this task they were given feedback by Das during the second session on 27 May 2021. The entire webinar was co-ordinated by Miss Delilah Pacheco of the English department.

Workshop

- Faculty of the English department , Andrew Barreto conducted a Workshop for the faculty members of the college on 5th Nov 2020, on "Build your Eportfolio".
- On 18th Nov 2020, Asst. Prof. Andrew Barreto conducted a workshop for students of Political Science of Dhempe College of Arts and Science, online.

Faculty as Resource person

On 7th March 2021, Asst. Prof. Andrew Barreto delivered a lecture to MA English Students of LBS College Satara 'Modernism and Post-Modernism in Literature'.

HOD of English department
Dr Sonia F Da Costa

N C C

INFANTRY WING

- Due to Covid19 pandemic situation this academic year we completed our enrollment in full strength and conducted the first Parade on Friday, November, 2020. As the NCC cadets strength was reduced to fifty six cadets from the academic year 2019-20 we enrolled 19 new cadets in the Infantry Wing as per the vacancy.
- Our cadets participated in an online activity conducted towards “The International Day of Yoga” on 21st June, 2020 at their respective residence.
- On 15th August, 2020 we could not conduct our first Ceremonial Parade as the cadets were not permitted to attend the celebration. Major Dr. Gunaji Sadanand Desai was the incharge of the program.
- Online classes were conducted for the benefit of second and third year cadets on Google classroom platform and syllabus of B and C certificate theory exam was completed. It was a all new experience both for the NCC Officer and the Cadets. But everyone equipped themselves during the unpredicted period. During this pandemic situation prevailing in our State, our Country and the whole World we have to change our normal ways of functioning. The new ways are to be treated and followed as new NORMAL ways of functioning in our everyday activities. To overcome the hardships faced by the students community, our government and various agencies are trying their best. Director General, National Cadet Corps has developed an App. All NCC cadets were instructed and it was ensured that they downloaded the NCC App developed by DG NCC.
- On 23rd October 2020 we conducted a meeting on Google meet platform between 3.30 p.m. and 4.30 p.m. The meeting began at 3.30 p.m. sharp. This meeting was only for the students who have interest to join NCC. 45 aspiring cadets desirous to join NCC joined the meeting. On 24th October Google NCC Enrollment Form to join the NCC Infantry wing was generated and sent to the interested cadets.

- Due to the drastic change in the functioning a different procedure was followed. Accordingly All the shortlisted students were requested to come to college campus on 28th October 20220. NCC Infantry Wing selection for enrollment 2020-2021.
- As informed during the Google Meet held earlier, COVID19 guidelines were followed strictly and it was informed to all concerned that no ENTRY will be given to those who do not follow the guidelines.
- Students were divided into TWO GROUPS once they entered the college campus. Volunteers of second and third year NCC cadets were given training regarding the precautions to be taken during this time. They were present at the campus to guide the new students who entered the campus the very first time. Accordingly on 2nd November 2020, between 15.00 & 17.00 hrs. Following photocopies are to be brought, while coming for or NCC enrollment (three copies each)
 1. Aadhar Card
 2. Birth Certificate, SSCE Marklist & HSSCE Marklist
 3. Pan Card (if available)
 4. Passbook Photocopy
 5. Four passport size photographs
- **Following Documents**
 - a. Enrollment form (Copy was issued)
 - b. Nomination Form (Copy was issued)
 - c. Indemnity bond (Copy was issued)
 - d. Mandate Form(COPY was issued)

and it was earnestly requested to every student if they have any difficulty, please contact the officer on his Whatsapp number 9403965626. This was really an unforgettable experience.
- Again on 1st November 2020 the students were told to report for NCC selection at college campus between 15.00 and 15.15 hours. After following Covid19 safety measures, all students were divided into groups and taken towards the ground for the selection process. It was also informed strictly that all students will leave the campus latest by 17.00 hours after completing the necessary requirements. All the 15 vacancies were filled by the new students.

- But during the online parade on 2nd November 2020 it was noticed that 4 cadets were not attending the parade. When contacted they expressed their difficulty in attending the parade due to the covid19 pandemic situation. Hence more 4 cadets were enrolled from the shortlisted students and as a result 19 cadets were enrolled in NCC Infantry wing for the academic year 2020 – 2021. Then we conducted an online parade with the full strength of 56 cadets.
- We conducted our second Ceremonial Parade on 19th December, 2020 on Goa Liberation Day. Major Dr. Gunaji Sadanand Desai was the Parade Commander.
- The third Ceremonial Parade was conducted on 26th January, 2021. Major Dr. Gunaji Sadanand Desai was the Parade Commander. Selected NCC cadets were invited to attend this parade.
- Every year the cadets have to attend at least one camp for a duration of ten days which makes them eligible to answer their B and C certificates exam conducted by NCC authorities. A total of 22 NCC cadets for appearing B certificate exam and 11 cadets for appearing C certificate exam attended the NCC special short NCC Training Camp organized by 1Goa NCC BN between 8th February 2021 and 10th February 2020 for B certificate and 8th February and 12th February 2021 at Shri Damodar College of Commerce and Economics. During this short special training camp various activities related to NCC. Out of 33 cadets who appeared of the exam - 6 cadets secured A grade, 22 cadets secured B grade, 2 Cadets secured C grade and 3 cadets failed.
- Major Gunaji Sadanand Desai attended online capacity building training programs organized by National Institute of Rural Development and Panchayati Raj (NIRDPR), an autonomous organization under the Ministry of Rural Development, is a premier national centre of excellence in rural development and Panchayati Raj
 1. Training on the Project for Model Gram Panchayat Cluster 02-09-2020 to 04-09-2020.
 2. TOT (Training Of Trainers) program on Effective Utilization of 15th Finance Commission Grants w.e.f. 02-10-2020 to 05-10-2020.
 3. Training of State Level Master Trainers / and (SLMT) Officials / Resource Persons on preparation of District Panchayat Development Plan on 20-04-2021.
 4. National Conference of State Level Master Trainers (SLMT) and Officials on Block Panchayat Development Plan and District Panchayat Development Plan on 05-05-2021.
 5. TOT (Training Of Trainers) program on Integration of Sustainable Development Goals (SDGs) in Implementation of Gram Panchayat Development Plan w.e.f. 13-07-2021 to 14-07-2021.

Major Gunaji Sadanand Desai provided his expertise and assistance as a State Level Resource person of Goa Institute of Public Administration and Rural Development (GIPARD) Government of Goa and conducted more than twenty five sessions for elected representatives of local self government, Self Help Groups, Anganwadi Workers, Government Officials and various committee members of Village Development Committees on the topic of Effective Utilization of 15th Finance Commission Grants, Integration of Sustainable Development Goals (SDGs) in Implementation of Gram Panchayat Development, Village Panchayat Development Plan, Peoples Plan Campaign a Flagship program of Government of India and Swachh Bharat Mission.

Major Dr. Gunaji Sadanand Desai
In-charge NCC Infantry Wing





हिन्दी विभाग

हिन्दी विभाग की पहचान मुख्य रूप से बी.ए., एम.ए. एवं पीएच.डी. शोध केंद्र के आधार पर है। विभाग का मुख्य लक्ष्य है- अधिक से अधिक छात्रों में वाचन और लेखन कौशल को बढ़ावा देते हुए हिन्दी के प्रति रुचि पैदा करना। साथ ही उच्चशिक्षा एवं पीएच.डी. शोधकार्य में संलग्न करना। वर्ष २०१९-२०२० में बी.ए. एवं एम.ए. की परीक्षा के परिणाम १००% रहें।

हिन्दी सप्ताह

हिन्दी विभाग द्वारा आयोजित हिन्दी सप्ताह १५ सितंबर से १९ सितंबर २०२० को बड़े उत्साह के साथ मनाया गया। १५ सितंबर २०२० को हिन्दी विभाग द्वारा ऑनलाइन सत्र आयोजित किया गया। इस कार्यक्रम के प्रमुख वक्ता सावित्रीबाई फुले विश्वविद्यालय के प्राध्यापक एवं हिन्दी विभागाध्यक्ष डॉ. सदानंद भोसले जी थे। जिन्होंने हिन्दी साहित्य: जीवन मूल्य एवं रोजगार इस विषय पर अपना वक्तव्य प्रस्तुत किया।

हिन्दी महोत्सव के उपलक्ष्य में कई प्रतियोगिताओं का आयोजन किया गया था। जिनका विवरण इस प्रकार है- निबंध, स्वरचित काव्य वाचन, भाषण, नृत्य तथा गीत गायन प्रतियोगिता। इन प्रतियोगिताओं के माध्यम से छात्रों को अपनी प्रतिभा को दूसरों के समक्ष रखने का सुअवसर मिला।

स्पर्धा के विजेता:

स्वरचित काव्य वाचन प्रतियोगिता के विजेता

१७ सितंबर २०२० को 'स्वरचित काव्य वाचन प्रतियोगिता' का आयोजन किया गया था। इस प्रतियोगिता के विजेताओं विद्यार्थियों के नाम इस प्रकार हैं-

- प्रथम पुरस्कार- आसमा पटेल (बी.ए. तृतीय वर्ष कला)
- द्वितीय पुरस्कार- रुचा खांडेपारकर (बी.ए. तृतीय वर्ष कला)
- तृतीय पुरस्कार- देविका सांबारी (बी.ए. द्वितीय वर्ष कला)

गीत गायन प्रतियोगिता के विजेता

१८ सितंबर २०२० को 'गीत गायन प्रतियोगिता' का आयोजन किया गया था। इस प्रतियोगिता के विजेताओं विद्यार्थियों के नाम इस प्रकार हैं-

- प्रथम पुरस्कार- देविका सांबारी (बी.ए. द्वितीय वर्ष कला)
- द्वितीय पुरस्कार- युक्ता पारडेकर (बी.ए. द्वितीय वर्ष कला)
- तृतीय पुरस्कार- चैताली जांभावलीकर (बी.ए. द्वितीय वर्ष कला)

भाषण प्रतियोगिता के विजेता

१९ सितंबर २०२० को 'भाषण प्रतियोगिता' का आयोजन किया गया था। इस प्रतियोगिता के विजेताओं विद्यार्थियों के नाम इस प्रकार हैं-

- प्रथम पुरस्कार- देविका सांबारी (बी.ए. द्वितीय वर्ष कला)
- द्वितीय पुरस्कार- आसमा पटेल (बी.ए. तृतीय वर्ष कला)
- तृतीय पुरस्कार- सूर्यभान चौहान (बी.ए. प्रथम वर्ष कला)

निबंध प्रतियोगिता के विजेता

इस प्रतियोगिता के विजेताओं विद्यार्थियों के नाम इस प्रकार हैं-

- प्रथम पुरस्कार- संस्कृति गांवकर (बी.ए. तृतीय वर्ष कला)
- द्वितीय पुरस्कार- विश्वानी पड़ियार (बी.ए. द्वितीय वर्ष कला)
- तृतीय पुरस्कार- सुविद्य धारवाडकर (बी.ए. तृतीय वर्ष कला)
- उत्तेजनार्थ पुरस्कार - अक्षा गावस (बी.ए. द्वितीय वर्ष कला)
आकांक्षा रायकर (बी.ए. प्रथम वर्ष कला)

नृत्य प्रतियोगिता के विजेता

इस प्रतियोगिता के विजेताओं विद्यार्थियों के नाम इस प्रकार हैं-

- प्रथम पुरस्कार- देविका सांबारी (बी.ए. द्वितीय वर्ष कला)
- द्वितीय पुरस्कार - आफ़रीन सय्यद (बी.ए. तृतीय वर्ष कला)
- तृतीय पुरस्कार- प्रियंका जामुनी (बी.ए. द्वितीय वर्ष कला)

कहानी वाचन

यू जी सी के दीक्षारंभ योजना के तहत पार्वतीबाई चौगुले कला एवं विज्ञान महाविद्यालय के हिन्दी विभाग द्वारा कहानी वाचन का कार्यक्रम ९ अक्तूबर २०२० को आयोजित किया गया था। इस कार्यक्रम में प्रथम वर्ष की विद्यार्थिनी साइली नाईक द्वारा कहानी का वाचन किया गया। प्रा. अकबर अली शेख ने कहानी पर आधारित प्रश्न छात्रों से पूछे। कार्यक्रम की प्रास्ताविकी प्रा. अलका गावस द्वारा किया गया। सूत्रसंचालन प्रा. विजयश्री सातपालकर तथा आभार प्रा. शांभवी नाईक द्वारा दिया गया।

पार्वती वाचन मंदिर

२७ अक्तूबर २०२० को पार्वतीवाचन मंदिर द्वारा हिन्दी साहित्य में विभिन्न विमर्श (चयनित कहानियाँ) इस विषय पर ऑनलाइन प्रपत्र प्रस्तुतीकरण सत्र का आयोजन किया गया। इस सत्र में तृतीय वर्ष कला के छात्र सुविद्य धारवाडकर ने दलित साहित्य पर अपना प्रपत्र प्रस्तुत किया। तृतीय वर्ष कला की विद्यार्थिनी संस्कृति गांवकर ने प्रवासी साहित्य, द्वितीय वर्ष की विद्यार्थिनी देविका सांबारी ने महिला विमर्श तथा प्रथम वर्ष की विद्यार्थिनी साइली नाईक ने किसान विमर्श पर अपना प्रपत्र प्रस्तुत किया। प्राध्यापिका अलका गावस जी ने अपने वक्तव्य में वाचन के महत्व को समझाते हुए किताबें पढ़ने पर जोर दिया। इस कार्यक्रम में प्रा. ऋषिकेश मिश्रा, प्रा. विजयश्री सातपालकर, तथा प्रा. अकबर अली शेख भी उपस्थित थे। इस सत्र का सूत्र संचालन तथा आभार प्रदर्शन प्राध्यापिका शांभवी नाईक द्वारा किया गया।

प्रेरणा दिवस

पार्वतीबाई चौगुले महाविद्यालय के हिन्दी विभाग द्वारा प्रेरणा दिवस के अवसर पर २६ फरवरी २०२१ को डिजिटल पोस्टर प्रतियोगिता का आयोजन किया गया। इस प्रतियोगिता का विषय 'आधुनिक कवि' था तथा इस प्रतियोगिता का परीक्षण मराठी विभाग की प्रा. तृप्ति फलदेसाई तथा प्रा. अंजली नाईक जी ने किया।

प्रतियोगिता के विजेता –

- प्रथम पुरस्कार- आकांक्षा रायकर (बी.ए. प्रथम वर्ष कला)
- द्वितीय पुरस्कार - सूर्यभान चौहान (बी.ए. प्रथम वर्ष कला)
- तृतीय पुरस्कार- अक्षा गावस (बी.ए. द्वितीय वर्ष कला)

तुलसीदास एवं प्रेमचंद जयंती

३१ जुलाई २०२१ को 'तुलसीदास एवं प्रेमचंद जयंती' मनायी गयी। सूत्रसंचालन विजयश्री सातपालकर जी द्वारा किया गया। तृतीय वर्ष कला की विद्यार्थिनी अनु पुजारी द्वारा तुलसीवंदना तथा संस्कृति गांवकर द्वारा तुलसीदासजी का जीवन एवं परिचय इस विषय पर प्रपत्र प्रस्तुतीकरण किया। द्वितीय वर्ष की विद्यार्थिनी देविका सांबारी द्वारा प्रेमचंद का जीवन परिचय एवं साहित्य पर प्रपत्र प्रस्तुतीकरण किया। इस कार्यक्रम के प्रमुख अतिथि डॉ. हौसला प्रसाद शुक्ल जी थे। प्रा. अलका गावस जी द्वारा स्वागत भाषण दिया गया। प्रा. ऋषिकेश मिश्रा जी द्वारा प्रेमचंद एवं तुलसीदास जयंती पर अपने बहुमूल्य विचार प्रकट किए। इस अवसर पर विद्यार्थियों को अपनी स्वरचित कविता एवं कहानी को प्रस्तुत करने का सुअवसर प्राप्त हुआ। द्वितीय वर्ष की विद्यार्थिनी देविका सांबारी ने अपनी स्वरचित कहानी एवं कविता प्रस्तुत की। प्रथम वर्ष की विद्यार्थिनी साईली नाईक तथा वर्धीनी नाईक ने अपनी कविता प्रस्तुत की। अक्षा गावस (द्वितीय वर्ष कला), रुक्मा कानोलकर (तृतीय वर्ष कला) तथा सूर्यभान चौहान द्वारा प्रसिद्ध साहित्यकारों के चित्र बनाए गए। आभार प्रदर्शन प्रा. शांभवी नाईक द्वारा दिया गया।

विद्यार्थी विशेष

सुविद्य धारवाडकर :-

प्रकाशन

- 1) शुक्ल० शैलेश, २०२०, हिंदी साहित्य के प्रतिमान- हिंदी के चुनिन्दा साहित्यकारों का रचना संदर्भ-संपादकीय, प्रथम संस्करण २०२०, इंडिका इन्फोमीडिया दिल्ली ISBN- ९७८-८१-८९४५०-८०-९, पृष्ठ- ११-२२
- 2) डॉ० निशा सिंह, डॉ० धीरज सिंह, २०२०, महात्मा गांधी एक वैचारिक आयाम एवं वर्तमान में उनकी प्रासंगिकता, प्रथम संस्करण २०२०, अखंड प्रकाशन दिल्ली ISBN- ९७८-८१-९४७९३६-६-३, पृष्ठ- १३३-१३८
- 3) शुक्ल० शैलेश, २०२०, राष्ट्र चेतना के अग्रदूत, प्रथम संस्करण, इंडिका इन्फोमेडिया ISBN- ९७८-८१-८९४५०-७७-९, पृष्ठ- ८०-८
- 4) प्रो० शकुंतला चौहान, २०२१, मध्यकालीन हिंदी काव्य-विशेष संदर्भ कबीरदास, प्रथम संस्करण, सानिया प्रकाशन ISBN- ९७८-९३-८९०४७-२२-६, पृष्ठ- २४-३०
- 5) प्रेमचंद के उपन्यास साहित्य में गांधी दर्शन-रंगभूमि उपन्यास का अध्ययन, समन्वय पश्चिम यूजीसी केयर लिस्ट जर्नल जुलै-सितंबर अंक ISSN- २५८२-०९०७ केन्द्रीय हिंदी संस्थान अहमदाबाद केंद्र पृष्ठ- १००-१०८
- 6) डॉ० पायल लिहारे, डॉ० श्याम मोहन पटेल, २०२०, हिंदी साहित्य विमर्श के आयने में ISBN- ९७८-९३-९००५२-११-०

- 7) डॉ. पायल लिहारे, डॉ. श्याम मोहन पटेल, २०२०, हिंदी साहित्य और दलित चेतना- नव मूल्यांकन।
- 8) चीन में हिंदी शिक्षण (साक्षात्कार), साक्षात्कार दाता- प्रो. डॉ. विवेक मणि त्रिपाठी, प्रोफेसर, भारतीय भाषा विभाग क्वांगतोंग विदेशी विश्वविद्यालय चीन, समसामयिक सृजन-समकालीन साहित्य शिक्षा एवं संस्कृति का संगम, यूजीसी केयर लिस्ट में शामिल जनवरी मार्च २०२१ वर्ष ११ अंक २१ ISSN- २३२०-५७३३ हंस प्रकाशन दिल्ली।
- 9) डॉ. अमित कुमार दीक्षित, डॉ. स्नेहलता शर्मा, २०२०, पर्यावरण संरक्षण एवं स्वस्थ जीवन शैली, के. बी. एस प्रकाशन दिल्ली।

पुरस्कार

- 1) फोंडा तालुका के सम्राट क्लब द्वारा आयोजित हिंदी ललित लेखन में प्रथम पुरस्कार, दिनांक २८ नवंबर २०२०।
- 2) हिंदीतर प्रदेश गोवा में हिंदी के प्रचार प्रसार हेतु मुंबई हिंदी अकादेमी द्वारा विशेष हिंदी प्रचारक सम्मान, दिनांक- २० मार्च २०२१।
- 3) अखिल भारतीय साहित्य मंथन शोध संस्थान पश्चिम बंगाल एवं के. बी. एस प्रकाशन दिल्ली के संयुक्त तत्वावधान में आयोजित पुरस्कार समारोह एवं पुस्तक विमोचन कार्यक्रम में "साहित्य मंथन शोध श्री सम्मान २०२१" दिनांक १७ अप्रैल २०२१।
- 4) पार्वतीबाई चौगुले कला एवं विज्ञान महाविद्यालय (स्वायत्त) मडगाँव गोवा के मेधावी छात्र परियोजना के अंतर्गत "हीरवाघ पुरस्कार २०२१" पुरस्कार की घोषणा- सितंबर २०२१।

प्रपत्र वाचन एवं प्रस्तुती

- विश्व हिंदी दिवस २०२० के उपलक्ष्य से पंचम खेमराज महाविद्यालय हिंदी विभाग तथा मुंबई राष्ट्रभाषा प्रचार सभा के संयुक्त तत्वावधान में एक दिवसीय राष्ट्रीय संगोष्ठी में प्रपत्र वाचन- आलेख विषय- ओमप्रकाश वाल्मीकि के कथा एवं काव्य साहित्य में दलित चेतना दिनांक १० जनवरी २०२०।
- केंद्रीय हिंदी संस्थान आगरा, पी. ए. स कॉलेज फर्मागुड़ी हिंदी तथा कोंकणी विभाग के संयुक्त तत्वावधान में आयोजित द्वि-दिवसीय राष्ट्रीय संगोष्ठी में गोवा में हिंदी के प्रचार प्रसार में विविध संस्थाओं का योगदान विषय पर प्रपत्र वाचन दिनांक २०-२१ जनवरी २०२०।

अध्यापक विशेष

अलका गावस

- बी. ओ. एस. सदस्य पार्वतीबाई चौगुले महाविद्यालय मडगाँव, हिन्दी विभाग, वर्ष २०२०-२१।
- ०२ जुलाई २०२१ को डी. एच. ई. द्वारा आयोजित ऑनलाइन जागृति कार्यक्रम ईट राइट इंडिया मूवमेंट में सहभाग लिया।

डॉ. ऋषिकेश मिश्र

- 1) कथा (यूके) से प्रकाशित पत्रिका 'पुरवाई' के ११ जुलाई २०२१ अंक में दो कविताएं 'मांडवी' और 'खजुराहो' प्रकाशित।
- 2) 'जानवर' राष्ट्रीय मासिक 'ककसाड़' दिसंबर २०२०, पृष्ठ संख्या-२६, ISSN: २४५६-२२११
- 3) 'किसान' मासिक पत्रिका 'वीणा', इंदौर, मध्य प्रदेश, जून-जुलाई २०२०, पृष्ठ संख्या-६९, ISSN: २२३०-९२०९
- 4) 'रामराज्य' त्रैमासिक पत्रिका 'विश्वगाथा', सुरेन्द्रनगर, गुजरात-३६३००२, जुलाई-सितंबर २०२०, पृष्ठ संख्या-५९, ISSN: २३४७-८७६४
- 5) दो कविताएँ- 'मूर्तियाँ'- एवं 'प्रेम', अंतरराष्ट्रीय पत्रिका 'विभोम स्वर', सीहोर, म.प्र., जुलाई-सितंबर २०२०, पृष्ठ संख्या-७८, ISSN: २४५५-९८१४

शोध पत्र:

- 1) 'कवि, कविता और विमलजी बरस्ते 'इतना कुछ'- 'समीचिन' जुलाई-दिसंबर २०२० (ISSN: २२५०२३३५), पृष्ठ संख्या- २७-३ (पीयर समीक्षित और U.G.C. केयर लिस्ट मैगजीन में शामिल)
- 2) 'आदर्शों के उदय का कथानक: रामोदय' (डॉ. सुधाकर मिश्रा कृत रामोदय का काव्य-सौष्ठव, संपादक: डॉ. शीतला प्रसाद दुबे) ISBN: ९७८-83-९१४५८-०४-१; संस्करण: पहला २०२१; आर.के. पब्लिकेशन, मुंबई द्वारा प्रकाशित।
- 3) 'स्वयंप्रभा: मूल्यांकन के नए आयाम' संपादक: डॉ. अनिल सिंह; आईएसबीएन: ९७८-९३-९०२६५-०७-७; पृष्ठ संख्या: १२५-१४९; संस्करण: पहला २०२०; अमन प्रकाशन, कानपुर, उ.प्र. द्वारा प्रकाशित।

संसाधन व्यक्ति:

- 1) हिंदी विभाग, गोवा विश्वविद्यालय, गोवा द्वारा ९ अप्रैल, २०२१ को शाम ३.०० से ०५.०० बजे 'संस्कृत काव्य शास्त्र और पाश्चात्य काव्यशास्त्र का अंतरसंबंध' विषय पर व्याख्यान देने के लिए आमंत्रित किया गया।
- 2) १९ सितंबर २०२० को सरकारी महाविद्यालय खांडोला द्वारा आयोजित 'हिंदी सप्ताह' के समापन समारोह में मुख्य अतिथि के रूप में आमंत्रित किया गया।

शैक्षणिक और गैर शैक्षणिक निकायों में सदस्यता:

1. बी. ओ. एस. सदस्य पार्वतीबाई चौगुले महाविद्यालय मडगांव, हिन्दी विभाग, वर्ष २०२०-२१।
2. राष्ट्रवादी लेखक संघ, में सदस्य कानपुर उ.प्र.।

विजयश्री सातपालकर

1. बी. ओ. एस. सदस्य पार्वतीबाई चौगुले महाविद्यालय मडगांव, हिन्दी विभाग, वर्ष २०२०-२१।

अकबर अली शेख

1. बी. ओ. एस. सदस्य पार्वतीबाई चौगुले महाविद्यालय मडगांव, हिन्दी विभाग, वर्ष २०२०-२०२१।

शांभवी नाईक

1. बी. ओ. एस. सदस्य पार्वतीबाई चौगुले महाविद्यालय मडगांव, हिन्दी विभाग, वर्ष २०२०-२१।



मराठी विभाग

काव्यमैफिल

विद्यापीठ अनुदान आयोगाच्या दीक्षारंभ या योजनेतर्गत मराठी विभागाद्वारा दि. ८ ऑक्टोबर २०२० रोजी प्रथम वर्षाच्या विद्यार्थ्यांसाठी 'काव्यमैफिल' या ऑनलाईन काव्यवाचन कार्यक्रमाचे आयोजन करण्यात आले. यावेळी विद्यार्थ्यांनी हिंदी, कोकणी तसेच मराठी भाषेत स्वरचित कवितांचे वाचन केले. कार्यक्रमात कविता वाचन करणाऱ्या विद्यार्थ्यांची नावे खालीलप्रमाणे. कु. सिध्दी सुर्लेकर, कु. वरदिनी बोरकर, कु. आकांक्षा रायकर, कु. सेजल मयेकर, कु. सायली नाईक, कु. अक्षा गावस, कु. दर्शना परांजपे, कु. शर्वरी भावे, कु. कृष्णा पालयेकर.

कार्यक्रमाचे सूत्रसंचालन प्रा. अंजली नाईक ह्यांनी केले तर आभार प्रदर्शन प्रा. निखिता गावकर ह्यांनी केले.

बा. भ. बोरकरांच्या कवितांचे ऑनलाईन वाचन

दि. ३० ऑक्टोबर २०२० रोजी कविवर्य बा. भ. बोरकरांच्या जन्मदिनानिमित्त मराठी विभागाद्वारे बा. भ. बोरकरांच्या कवितांचे वाचन या विशेष कार्यक्रमाचे आयोजन करण्यात आले. यावेळी महाविद्यालयातील शिक्षक तसेच विद्यार्थ्यांनी या कार्यक्रमांमध्ये उत्स्फूर्तपणे सहभाग घेतला. यावेळी विभागाच्या शिक्षकांद्वारा विद्यार्थ्यांना बोरकरांचे जीवनचरित्र तसेच त्यांच्या कवितांतील सौंदर्य याबद्दल माहिती देण्यात आली.

व्यक्तिमत्व विकास तीन दिवसीय कार्यशाळा

आत्मविश्वास हा व्यक्तीच्या एकूण विकासासाठी महत्वपूर्ण असून विद्यार्थी जीवनातच त्याला योग्य ते खतपाणी घालणे गरजेचे असते. हाच दृष्टीकोन डोळ्यांसमोर ठेऊन मराठी विभागाद्वारे विभागातील विद्यार्थ्यांसाठी दि. १६, १७ आणि १९ फेब्रुवारी २०२१ रोजी सकाळी १०.०० ते दुपारी १२.०० पर्यंत व्यक्तिमत्व विकास या विषयावरती तीन दिवसीय कार्यशाळा आयोजित करण्यात आली. महाविद्यालयामध्ये व्यैक्तिक सल्लागार म्हणून कार्यरत असणाऱ्या कु. पूजा परब ह्या यावेळी मार्गदर्शक म्हणून उपस्थित होत्या. त्यांनी विद्यार्थ्यांना वेगवेगळ्या विषयांवरती मार्गदर्शन केले. प्रत्येक सत्राच्या शेवटी विद्यार्थ्यांकडून कोणत्याही एका विषयावरती सादरीकरण करवून त्यांना त्यावर अभिप्रायही देण्यात आला.

जागतिक मराठी भाषा दिवस

मराठीतील ज्येष्ठ कवी आणि साहित्यिक वि. वा. शिरवाडकर उर्फ कुसुमाग्रज यांच्या जन्मदिनानिमित्त दि. २७ फेब्रुवारी २०२१ रोजी मराठी विभागाद्वारा जागतिक मराठी भाषा दिवस साजरा करण्यात आला. हा कार्यक्रम ऑनलाईन माध्यमातून साजरा करण्यात आला असून यावेळी विभागाचे शिक्षक तसेच विद्यार्थी उपस्थित होते. कार्यक्रमाची सुरुवात प्रा. तृप्ती फळ देसाई यांनी केलेल्या स्वागत तसेच प्रास्ताविकाने झाली. कार्यक्रमाचे प्रास्ताविक करताना त्यांनी मराठी भाषेची उत्पत्ती तसेच तिचे संवर्धन करण्यासाठी कोणती पाऊले उचलायला हवी हे स्पष्ट केले. कार्यक्रमाची सांगता प्रा. निखिता गावकर यांच्या आभार प्रदर्शनाने झाली.

मराठी साहित्य आणि विज्ञान (निबंध-लेखन स्पर्धा)

दि. २८ फेब्रुवारी २०२२ रोजी महाविद्यालयातर्फे विज्ञान दिन साजरा करण्यात आला. यानिमित्त मराठी विभागातर्फे विद्यार्थ्यांसाठी मराठी साहित्य आणि विज्ञान या विषयावर निबंध-लेखन स्पर्धा आयोजित करण्यात आली. विद्यार्थ्यांना मराठी साहित्यातील विज्ञानाचे स्थान लक्षात यावे व पर्यायाने त्यांच्यामध्ये मराठी वाचन व लेखनाची आवड निर्माण व्हावी या हेतूने ही स्पर्धा आयोजित करण्यात आली होती. एकूण ५ स्पर्धक या स्पर्धेमध्ये सहभागी झाले होते.

विद्यार्थी विशेष:

- गोवा विद्यापीठ मराठी विभागाद्वारा घेण्यात आलेल्या पदव्युत्तर प्रवेशपरिक्षेत कु. दर्शना परांजपे हिने तर बी. एड प्रवेशपरिक्षेत कु. शर्वरी भावे हिने प्रथम क्रमांक पटकावला. तसेच पदव्युत्तर प्रवेशपरिक्षेत कु. शर्वरी भावे हिला पहिला कु. तेजल महाले बोरकर हिला अकरावा क्रमांक मिळाला. त्याचबरोबर कु. कृष्णा पालयेकर याने पदव्युत्तर प्रवेशपरिक्षेच्या दुसऱ्या फेरीत द्वितीय क्रमांक मिळविला.
- कु. दर्शना परांजपे या तृतीय वर्षाच्या विद्यार्थीनीला प्रथम सत्रात विशेष गुण मिळविल्याबद्दल शिष्यवृत्ती प्राप्त झाली.
- कु. शर्वरी भावे या तृतीय वर्षाच्या विद्यार्थीनीला ज्ञान आणि मनोरंजन युट्यूब चॅनलने आयोजित केलेल्या ऑनलाईन काव्यवाचन स्पर्धेत उत्तेजनार्थ बक्षीस प्राप्त झाले.
- कु. प्रतिका मराठे या तृतीय वर्षाच्या विद्यार्थीनीला कोकणी भाषा मंडळ, गोवा व रवींद्र भवन मडगावतर्फे आयोजित २५ व्या गोवा युवा महोत्सव २०२० नाच नाच नाचुया स्पर्धेत पाचवे बक्षीस प्राप्त झाले.
- कु. प्रतिका मराठे हिने सरकारी महाविद्यालय खांडोळा, गोवा द्वारा आयोजित नाट्याभिवाचन स्पर्धेत सहभाग घेतला.
- कु. दिपक्षा वेळीप या तृतीय वर्षाच्या विद्यार्थीनीने श्री मल्लिकार्जुन आणि श्री चेतन मंजु देसाई महाविद्यालय, काणकोण, मराठी विभागातर्फे आयोजित करण्यात आलेली प्रश्नमंजुषा स्पर्धा यशस्विरित्या उत्तीर्ण केली.
- कु. वर्धिनी बोरकर या द्वितीय वर्षाच्या विद्यार्थीनीचे दै. तरुण भारत मध्ये फटाक्यांचा वापर, पर्यावरण संरक्षण या विषयावरील मते प्रसिध्द झाली.
- कु. तेजल बोरकर, कु. श्रेया जाधव आणि कु. आकांक्षा रायकर या विद्यार्थीनींचे दै. पुढारीमध्ये लॉकडाऊन आणि शिक्षण या विषयावर मते प्रसिध्द झाली.

शिक्षक विशेष:

प्रा. तुषी फळ देसाई

१. प्रा. श्रीकृष्ण अडसूळ यांच्या साहित्याची समीक्षा हे संपादीत पुस्तक प्रकाशित झाले.
२. टेप आणि टेल या ऑनलाईन कथाकथन स्पर्धेसाठी विद्यार्थ्यांना मार्गदर्शन केले.

प्रा. अंजली नाईक

१. सृजनवेध – प्रा. श्रीकृष्ण अडसूळ यांचे शैक्षणिक उपक्रम हे संपादीत पुस्तक प्रकाशित झाले.

प्रा. प्रमोद पवार

- शिवाजी विद्यापीठ, कोल्हापूर आणि टी. के. के. महाविद्यालय धिंघळ द्वारा दि. ८ जुलै २०२१ रोजी आयोजित राष्ट्रीय परिसंवादात आभासी पद्धतीने मराठीचे आध्यापन – स्वरूप आणि उपयोजन या विषयावर व्याख्यान दिले.
- डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद आणि डॉ. बाबासाहेब आंबेडकर महाविद्यालयाद्वारा दि. १२ जुलै २०२१ रोजी आयोजित मराठी भाषा व साहित्याचे आधुनिक तंत्रस्नेही अध्यापन या विषयावरील राष्ट्रीय परिसंवादात या मराठी भाषा साहित्याचे आधुनिक तंत्राध्यापन या विषयावर व्याख्यान दिले.
- द. ग. तटकारे कला आणि वाणिज्य महाविद्यालय, तळा आणि मुंबई विद्यापीठा यांच्या संयुक्त विद्यमाने दि. १३ जुलै २०२१ रोजी आयोजित एक दिवसीय पुनर्रचित अभ्यासक्रम कार्यशाळेत ईमेल, ब्लॉग आणि विकीपिडीया लेखन या विषयावर मार्गदर्शन केले.
- संत गाडगेबाबा अमरावती विद्यापीठ, अमरावती द्वारा दि. २९ जुलै २०२१ रोजी आयोजित राष्ट्रीय परिसंवादात “आभासी पद्धतीने मराठीचे अध्यापन: समस्या व उपाय” या विषयावर व्याख्यान दिले.
- महात्मा फुले कला, विज्ञान व वाणिज्य महाविद्यालय पनवेल, रायगड-महाराष्ट्र, मराठी विभाग आणि आय. क्यू. ए. सी यांच्या संयुक्त विद्यमाने आयोजित केलेल्या मराठी भाषेची सद्यस्थिती आणि तंत्रज्ञानाची आवश्यकता या विषयावरील आंतरराष्ट्रीय वेबिनारमध्ये व्याख्यान दिले.
- राजश्री शाहू महाविद्यालय, परभणी-महाराष्ट्र मराठी विभागाद्वारा दि. ०७ मे २०२० रोजी आयोजित करण्यात आलेल्या ‘Future of Marathi and opportunities in social Media’ या विषयावरील एकदिवसीय परिसंवादात व्याख्यान दिले.
- अखिल भारतीय राष्ट्रीय शैक्षणिक महासंघ संलग्नित नॉर्थ महाराष्ट्र युनिव्हर्सिटी अँड कॉलेज टिचर्स असोसिएशन (एन-मुक्ता) द्वारा दि. १८ ते २२ मे २०२० पर्यंत आयोजित ‘opportunities and new techniques for teaching’ या विषयावरील पाच दिवसीय राष्ट्रीय परिसंवादात व्याख्यान दिले.
- डॉ. डी. वाय पाटील कला, वाणिज्य आणि विज्ञान महाविद्यालया, आकुर्डी मराठी विभाग आणि विद्यार्थी विकास मंडळ यांच्या संयुक्त विद्यमाने मराठी भाषा संवर्धन पंधरवडा निमित्त विशेष व्याख्यानमालेत दि. २७ जानेवारी २०२१ रोजी आयोजित मराठी भाषा आणि तंत्रज्ञान या विषयावर व्याख्यान दिले.

- यशवंतराव चव्हाण महाविद्यालय, पंचवड इंग्रजी, हिंदी आणि मराठी विभागाद्वारा दि. ११ फेब्रुवारी २०२१ रोजी आयोजित 'Image of Women in Modern Literature' या विषयावरील एकदिवसीय राष्ट्रीय वेबिनारमध्ये व्याख्यान दिले.
- तुळजापूर चतुरचंद महाविद्यालय कला, विज्ञान व वाणिज्य, बारामती स्वायत्त महाविद्यालय मराठी विभाग व राष्ट्रीय उच्चतर शिक्षा अभियान द्वारा दि. २२ फेब्रुवारी २०२१ रोजी आयोजित मराठी भाषेपुढील आव्हाने आणि करियरच्या संधी या विषयावरील राज्यस्तरीय ऑनलाईन वेबिनारमध्ये मराठी भाषेपुढील आव्हाने या विषयावर व्याख्यान दिले.
- जयक्रांती कला आणि वाणिज्य वरिष्ठ महाविद्यालय, लातूर मराठी विभागाच्या वतीने दि. २५ फेब्रुवारी २०२१ रोजी आयोजित संत साहित्य – स्वरूप व विचार या विषयावरील राष्ट्रीय ऑनलाईन चर्चासत्रात व्याख्यान दिले.
- क्रां. वसंतराव नारायणराव नाईक शिक्षण प्रसारक संस्थेचे, कला, वाणिज्य व विज्ञान महाविद्यालय, नाशिक मराठी विभागद्वारा दि. २७ फेब्रुवारी २०२१ रोजी मराठी भाषा दिनानिमित्त आयोजित मराठी भाषा – नवतंत्रज्ञान आणि आजचा तरूण या विषयावर ऑनलाईन व्याख्यान दिले.
- तुकाराम कृष्णाजी कोलेकर कला आणि वाणिज्य महाविद्यालय, नेसरी महाराष्ट्र मराठी विभाग आणि शिवाजी विद्यापीठ मराठी शिक्षक संघ कोल्हापूर यांच्या वतीने दि. ०८ जुलै २०२१ रोजी आयोजित ऑनलाईन (आभासी) आध्यापन व अध्ययन – समस्या व उपाय या विषयावरील राष्ट्रीय ई- चर्चासत्रात मार्गदर्शन केले.
- शासकीय महाविद्यालय, खांडोळ-गोवा मराठी विभागाच्या वतीने दि. २९ जुलै ते ६ ऑगस्ट २०२१ पर्यंत आयोजित मराठी भाषा आणि आधुनिक तंत्राध्यापन या विषयावरील सर्टिफिकेट कोर्स साधनव्यक्ती म्हणून मार्गदर्शन केले.

DEAN'S REPORT: LIFE SCIENCES

ACTIVITIES ORGANISED BY DR. NANDINI VAZ FERNANDES, DEAN- FACULTY OF LIFE SCIENCES:

- **WORKSHOP ON OBS :**

Dr. Nandini Vaz Fernandes, Dean - Faculty of Life Sciences organised a workshop on 'Creating Videos using OBS', for the faculty members of Life Science Departments. The objective of the workshop was to enable students to faculty members to prepare Videos for online teaching for academic year 2020-21.

- **WEBINAR ON 'MANAV' - THE HUMAN ATLAS:**

Dr. Nandini Vaz Fernandes, Dean - Faculty of Life Sciences organised a webinar on 'MANAV- The Human Atlas Initiative" of Department of Biotechnology of Ministry of Science and Technology, Govt. of India. The webinar was held on 21st December 2020 for students and teachers of faculty of Life Sciences. The webinar was conducted by Team MANAV- The Human Atlas Initiative of IISER, Pune. The webinar focussed on "How to Read Scientific Literature" aimed at highlighting the importance of ethical and scientific information websites, to be used by students for streamlining quality information and validity. Using research papers from prominent websites like PubMed, rather than Wikipedia ensures authentic information especially for young students. This webinar was followed by 2 quizzes, to test knowledge of the students on the same.

- **NATIONAL SCIENCE DAY CELEBRATION-PRERNA DIWAS :**

As part of the National Science Day celebration, the Dean-Faculty of Life Sciences, in collaboration with the HODs and Faculty members of all Life Science departments organized various activities. E-poster competitions such as Discovery Galley-Pride of India, Innovation Idea Competition, Scientoons, photography competition and quiz were held for the students of the life science departments with an objective to spread the message of importance of science and promote scientific temper. To mark the celebration of National Science day, a webinar was organized for the faculty and students of Life Science Departments on the topic 'Tissue Engineering" on 27th February 2021.

- **Activities organized and prize winners are listed below:**

- A) **Discovery Gallery-Pride of India:** A poster competition on Discovery gallery focussed on Indian scientist, their discovery and a brief on how it impacted our lives.
 - Winners: First place: Ms. Aransha Rodrigues, FYBSc, Department of Zoology
 - Second place: Ms. Melisha Cardozo, SYBSc, Department of Biotechnology
 - Third place: Ms. Shreya Naik, TYBSc, Department of Zoology
- B) **Innovation Idea Competition:** Theme-Mitigating Climate Change: Climate change mitigation refers to efforts to reduce or prevent emission of greenhouse gases. This competition encouraged students to present a promising idea for combating climate change.
 - First place: Ms. Melisa Cardozo, SYBSc, Department of Biotechnology
- C) **Scientoons:** Theme-Self-reliance (Atmanirbhar) or Waste Managament: This competition was focused on testing the ability of the students to convey a message through cartoons about self-reliance and waste management in simple and interesting way.
 - First place: Ms. Selcea SaviaD'costa, TYBSc, Department of Biotechnology
 - Second place: Ms. Abigail Sacrafamilia, TYBSc, Department of Zoology.
 - Third place: Ms. Maria Simran Da Costa, TYBSc, Department of Biotechnology

D) **Photography Competition:** For the life science students, a photography competition was organised on the theme 'Science in everyday life'.

- First place: Ms. Rukaiya Khan , SYBSc, Department of Zoology
- Second place: Ms. Melita Rebello, SYBSc, Department of Biochemistry
- Third place: Ms. Sangita Halder, FYBSc, Department of Biochemistry

E) **Quiz:** The main objective of this activity was to encourage the students to look beyond textual knowledge in the field of life science. A total of 57 students participated for the quiz.

● **WEBINAR ON “TISSUE ENGINEERING”:**

On National Science day, a webinar was organized by Dr. Nandini Vaz Fernandes, Dean -Faculty of Life Sciences, for the faculty and students of Life Science Departments on the topic 'Tissue Engineering', This webinar was organized on 27th February 2021. Dr. S.R. Madhan Shankar, Head-Dept. of Biotechnology and Dean of Academics, Dean of Kongunadu Arts and Science College, Tamil nadu was the resource person. The event was coordinated by Ms. Tessa and Ms. Prasanna, Assistant professors of the department of Zoology. Dr. S.R. Madhan Shankar, spoke on various aspects and prospects of Tissue engineering. The session also included a short video on tissue engineering. The webinar was followed by Announcement of Prize winners by the event coordinators of the 04 competitions that were organized for all the students of faculty of Life sciences.

● **RESEARCH ORIENTATION PROGRAM- RESEARCH METHODOLOGY AND ETHICS**

A Research Orientation program was organised for TYBSc Students of Life Sciences on 29th September 2020 by Dr. Nandini Vaz Fernandes, Dean -Faculty of Life Sciences. The Objective of the programme was to acquaint students with the process of scientific research, understand the process of research report writing and be aware of research ethics and practice it. The programme was conducted in virtual mode. Dr. Nandini Vaz Fernandes - Dean- Faculty of Life Sciences addressed the students and explained the importance of having deeper understanding of research and scientific process. She also emphasised the importance of avoiding plagiarism.

The sessions conducted were as follows:

- Session 1: Introduction to Research- Resource Person: Ms. Madhu Balekai
- Session 2: Phases of Research (Understanding the Scientific Method)- Resource Person: Ms. Sarah Mesquita Gray.
- Session 3: How to Write Your Research Project Report- Resource Person: Ms. Amisha Shirodkar Pednekar.
- Session 4: Referencing Styles and Avoiding Plagiarism- Resource Person: Dr. Starlaine Mascarenhas.



GLIMPSES OF THE YEAR

ZOOLOGY

Certificate of Appreciation
The authority hereby acknowledges the valuable contribution made by Dr. Nandini Vas Fernandes, Resource person for IPX in Academics.

Certificate of Participation
This is to certify that Dr. Nandini Vas Fernandes, Resource person for National Conference - NAAC Accreditation, Mumbai.

Dr. Nandini Vas Fernandes & Mr. Stephen Dias
Capacity Building Workshop for Forest officials by Goa Forest Department

INVITED AS RESOURCE PERSON FACULTY OF ZOOLOGY
Goa Forest Department
Pre-Bird Festival Webinars
29 January 2021

State Level Webinar
Importance of Microbiology in Genetic Diagnosis
23rd February, 2021 at 10:30 a.m.

Dr. Nandini Vas Fernandes & Mr. Stephen Dias
Capacity Building Workshop for Forest officials by Goa Forest Department

Faculty Development Programme
National FDP on Institutional Benchmarking of Best Practices
Dr. Nandini Vas Fernandes, Resource person for National FDP on Institutional Benchmarking of Best Practices

DBT Star National Lecture Series
Dr. Nandini Vas Fernandes, National lecture series at Pune

Dr. Nandini Vas Fernandes
for Webinar on Intellectual Property at Laszsa, Maharashtra

ORIENTATION FOR STUDENTS

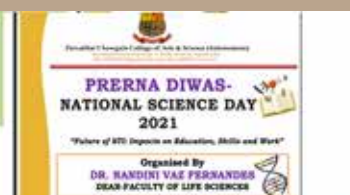
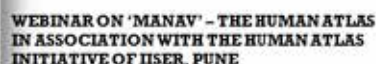
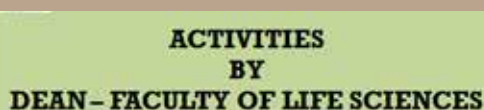
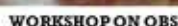
ACTIVITIES DEPARTMENT OF ZOOLOGY
In Organizing
PHOTOGRAPHY COMPETITION
Theme: MY BACKYARD WILDLIFE
E-POSTER COMPETITION
Theme: IMPORTANCE OF COVID VACCINATION

BIRD WALK AT CURTORIM

PAINTING COMPETITION
Theme: WILDLIFE TRADE
E-POSTER COMPETITION
Theme: IMPORTANCE OF COVID VACCINATION

BIRD WALK AT CARAMBOLIM

BACKYARD BIRD COUNT



ENGLISH DEPARTMENT



FELICITATION



PROFESSOR (DR). NANDAKUMAR SAWANT



PROFESSOR (DR). SANGEETA SANKHALKAR



Faculty Photographs



Rashtriya Ekta Diwas



Republic Day



Independence Day



IQAC Workshop



AIDS Awareness



Women's Day Celebration



MOU Portuguese Language



Positive Chowgules



CLO Mapping Workshop



Aviation Guest Visit



Students Induction Programme



Founder's Day

CHRONICLES

AUGUST 2020

14th August – NSS Volunteers attended Apda Mitra Training

15th August – Celebration of Independence Day

15th August - 2nd October - Celebrated Independence Day by Waving National Flag and Fit India Run

17th August – Dept. of Computer Science conducted hands on training on google forms for administrative staff and Lab assistants.

18th August - College has been announced as “Band A” Institution (rank between 06-25) in category of “Institutes and Colleges (Government and Government Aided)” in Atal Ranking of Institutions on Innovation Achievements

SEPTEMBER 2020

4th September – Dept. of Computer Science conducted Induction program for FYBSC.

5th September - The department of zoology conducted a ‘Special Orientation Program’ for 55 FYBSc Students.

15th September - Orientation program for PGDCA students was organized by the department of Computer Science.

15th to 19th September – Department of Hindi Celebrated Hindi Saptah.

26th September - Project Orientation programme for T.Y.B.Sc students was conducted by the department of Computer Science.

27th September to 4th October - Department of Physics, in association with Kathmandu University, Nepal organized a Winter School on “Electronic Structure and Molecular Dynamic Simulations Using Open Source Software: From Theory to Practice”

29th September - Dr. Nandini Vaz Fernandes, Dean-Faculty of Life-Sciences, organised Research Orientation Program – Research Methodology And Ethics for TYBSc Students.

29th September - The Department of Sociology along with NGO, ARZ conducted a webinar on 'Human Trafficking in Goa'.

29th September - The Department of Sociology organized a guest lecture on the topic 'The processes of registering the NGO in Goa'

OCTOBER 2020

5th October- The Centre for Teaching Learning (CTL) in association with the IQAC of the College, organized an Expert FDP webinar series III on the topic "Preparing for Remote Teaching and Learning; Sharing Experiences"

9th October - Under the Dikarambha scheme of U.G.C, the department of Marathi organised Kavyamaifil for the students of the department.

9th October - Under the Dikarambha scheme of U.G.C, the department of hindi organised Story Reading session for the students of the department.

10th October - Department of Computer Science organized a talk on "Planning a Career as an I.T. Graduate" by Alumni Mr. Aditya Rane

10th October- Career and Personal Counselling Centre in collaboration with Goa Dyslexia Association and Unique Ability Consulting organised a National level Webinar on Demystifying Dyslexia 'Assisting Children with SLD (Specific Learning Disability)

10th October - 'Online Biotechnology Painting/Art Competition' on the theme 'Role of Biotechnology in Environmental Clean-up' was conducted by the department of Biotechnology.

12th October - The Writing Centre organized a Webinar on "Effective Communication Skills"

17th October - The students of the English Department organized an online fresher's Party ALPHA 2020.

22nd October - Department of Geology organized a Poster Making activity on the theme 'Ozone for Life' as part of the Ozone Day Observation for the students of Environmental Studies

23rd October - Department of Geography organized a Special Lecture by Prof. Nandkumar Sawant, Head, Department of Geography on 'Ozone Climate Change and Urban Resilience' for the students of Geography

23rd and 27th October - Department of Geography conducted group presentation on 'Ozone: Where, What, Why and How it affects human life?' for the students of First year B.A. & B.Sc. (Geography)

24th October - Department of Chemistry organized a Virtual talk on 'Ozone for Life' by Ms. Devaki Shinkre, Assistant Professor, Goa College of Engineering, for the students of Environmental studies

24th October - Department of Economics conducted an online quiz on the theme - Ozone for Life for the students of EVS

27th October - Department of Hindi organised Parvati Vachan Mandir for the students.

28th October - Career and Personal Counseling Centre organised a webinar on – "Positive Mental Health and Suicide Prevention" for the Students, Teaching and Non- Teaching staff by the speaker was Mrs. Prachi Manerikar (Supervisor at GEDC)

28th October - The Department of Sociology organized a guest lecture on 'The How of Making A DST'.

31st October - Department of Marathi Celebrated Birth anniversary of B. B. Borkar.

31st October - The students of the English Department organized an online Farewell FTW for batch of 2020

NOVEMBER 2020

5th November - The Department of Economics in collaboration with Innovation and incubation cell (IIC) of Parvatibai Chowgule College of Arts and Science, Autonomous, organised a guest lecture on the topic "Entrepreneurship and Innovation as career opportunities". for all the students of the college.

5th November - Andrew Barreto, Faculty of the English department conducted a Workshop for the faculty members of the college

7th November - The department of Biotechnology organised a webinar as a part of the Alumni talk series titled "The One with Divya Naik"

9th November - The Department of Economics had organised Ecosphere-an interclass E quiz

13th November - Department of English organised a lecture on 'Postcolonial Indian English Writing: Discussing Mamang Dai's The Black Hill' under Talking Tree Series.

13th November - Department of English organized a talk on post-colonial Indian English literature under the "Talking Tree Series".

14th November - Online Scientoon competition on the following theme's: - Social life Post Covid-19; Education system Post Covid-19 and Future trends in Biotechnology was conducted by the department of Biotechnology.

20th November - The Centre for Teaching & Learning conducted a workshop cum Training programme on 'G suite' for for the first batch of Non-teaching staff

21st November - The Department of Geography conducted a workshop on LOCF frame work as per the U.G.C guide lines

24th November - Mr. Mahesh P. Matha, Assistant Professor, M.Sc (IT), authored a book titled "Core Python - A Comprehensive Study".

28th November - Career and Personal Counselling Centre conducted sessions on – "Time Management" for the students of F.Y.BA and S.Y.BA

30th November - Career and Personal Counselling Centre conducted another webinar on – 'Developing Strategies for Academic Success' for students.

DECEMBER 2020

4th December- The Centre for Teaching & Learning conducted a workshop cum Training programme on 'G suite' for for the first batch of Non-teaching staff.

4th December - he Department of Biochemistry conducted a technical guest lecture series on "Fermentation".

5th December- Dr. Lactina Gonsalves, Assistant Professor, Department of Chemistry organized a webinar on "Intellectual Property Rights" for the faculty & the students of second year B.Sc (Chemistry)

9th December - The Centre for Teaching Learning (CTL) in collaboration with the International Exchange Programmes Cell of the College, organised the Expert FDP webinar series IV on the topic "Teaching Writing across Disciplines in the Age of Online Education"

10th December - An Inter - higher Secondary School event "ECO VISION" was organised by the Department of Economics on the theme "Rising above the dark"

11th December - The department of Geography organized a talk by an Alumni of the department Mr. Rosario D' Costa, Director, Operational Integrity and Surveillance, Marina Bay, Singapore on the topic "Geography and Skills: My Learning Experience'.

11th December - The Department of Geology organized a Student- Expert cum alumni interactive session

21st December – College Counsellor Ms. Pooja Parab conducted session on the topic "All about me: Self-Esteem" for SYBA students

21st December - Dr. Nandini Vaz Fernandes, Dean-Faculty of Life-Sciences, organised a webinar on 'MANAV- The Human Atlas" Initiative of Department of Biotechnology of Ministry of Science and Technology, Govt. of India for students and teachers of faculty of Life Sciences.

22nd December - College Counsellor Ms. Prianka Sardinha conducted two sessions on the topic "Positive Attitude"

22nd December - Career and Personal Counselling Centre conducted a virtual session for 1 hour on – “Team Building” for the college students.

22nd December - The Department of Sociology organized guest lecture on ‘The Life of Children Placed in Remand Homes in Goa’ by Ms. Evelyn Savia Fernamndes, Asst prof. department of Sociology Government College Quepem to the students of FY, SY and TYBA sociology students.

JANUARY 2021

11th January - Online Innovative Photography Competition on theme ‘Microorganisms as Bio-helpers’ and ‘Various growth phases of self-grown Micro-greens’ was conducted by the department of Biotechnology.

15th January - Online Essay writing competition’ on the theme ‘Biotechnology – Present and Future’, ‘BioWar – Pros and Cons’ and ‘Bye-Bye Covid-19’ was conducted by the department of Biotechnology.

FEBRUARY 2021

5th to 7th February - Dr. Nandini Vaz Fernandes and Mr. Stephen Dias, Department of Zoology coordinated the ‘Bird Walk’ organized by Goa Forest Department.

6th February - Interactive session on Career Guidance Talk by Alumni Ms Ravina Pai and Ms Stacey Fernandes was organised by the department of Botany.

10th February - Innovation and Incubation Cell Committee of our College inaugurated the launch of the first Student s driven College startup, “BRANDEMA”

10th February to 3rd April - The programme was conducted by Mr. Stephen Jonah Dias, Asst. Prof-Dept. of Zoology.

12th to 15th February - Chowgule’s Birders Club of the Department of Zoology participated in the Campus Bird Count (CBC) which is a sub-event of the Great Backyard Bird Count (GBBC) hosted by the Cornell Lab or Ornithology.

13th February - Mr. Vasant S. Shirwaikar, Jr. Programmer, conducted training for the Laboratory Assistants/Technicians on Student Subject Mapping and Teacher Subject Mapping on DHE-ERP IAIMS portal

13th & 27th February - Webinars on 'My Career journey in Biotechnology' were organized as a part of the Alumni Talk Series

16th February - Ms. Sharmila Menezes conducted first session of webinar on Overseas Education.

17th February - The Centre for Exchange Programme conducted the first virtual Google meet between students from Bromma gymnasium, Sweden and Chowgule students

17th February - A workshop on use of Epicollect 5 for heritage mapping was organized for the students of third year BA Geography.

16th, 17th and 19th February - Three Days Workshop on "Building Confidence" was organized by the department of Marathi

9th February - The department of Sociology hosted its annual inter-Higher Secondary event 'Goenkarponn'.

22nd February - Department of Philosophy organized an intra-departmental video creating competition "Sophía Vínteo"

22nd February - Industrial Academic Linkage - Dr. Sneha Bhagwat, Ayurvedic Doctor, a Transformational Speaker & Founder of Oorja Wellness Centre, delivered a talk on "Tailor Your Career in Harmony with Your Body."

24th February - The second webinar on overseas education was conducted.

25th February - Department of History held an essay Competition on the topic „Role of science and technology in reconstructing History"

26th February - Department of Hindi held an intra-class Digital Poster Contest on "Adhunik Hindi Kavi".

27th February - A Webinar was organized for the faculty and students of Life Science Departments on the topic "Tissue Engineering"

27th February - Department of Psychology conducted a Project Proposal Competition to encourage students

27th February - Department of English organized an „Innovative Open Educational Resource Competition"

27th February - Department of French organized three events, namely, i) Story Telling in Digital Mode ii) Story telling through Stop Motion Animation iii) Goan Folktales in French: A stop motion film

27th February - Department of Marathi organized an Essay Writing Competition on "Marathi Sahitya ani Vidnyan"

27th February - Ms. Padmini C. Raiker, Assistant Professor, Department of Chemistry organized a talk by Professor S. P. Kamat entitled "Some interesting aspects of stereochemistry in drugs and natural products" for students and faculty

27th February - Department of Computer Science organized an Intra-Departmental Technical Event - "TechFest Edition-I", for the students

27th February - Department of Physics conducted an Online PowerPoint Presentation Competition on "Breakthrough Experiments in Physics"

27th February - Department of Economics conducted a Poster Competition on "Role of Science and Technology in the field of Economics"

27th February - Department of Geography organized a Debate

27th February - The department of Marathi celebrated Marathi Language Day

27th February - Department of Geography organized following events "An Extempore Two-Minute Speak" contest for the students of Geography

28th February - Guest Lecture on "Geospatial Techniques in Day-to-Day Life" by Dr. Surendra Thakur Dessai, Head, Department of Geography, Gogate-Jogalekar College, Ratnagiri was organized for

students and faculty of the Department

28th February- Department of Geology organized a Student Video Presentation Contest

28th February - Department of Mathematics organized two events, namely, Online PowerPoint Presentation and Sudoku competition

28th February - Department of Computer Science organized an Intra-Departmental Technical Event - "TechFest Edition-I", for the students

28th February - a photography competition was organized on the theme „Science in everyday life For the life science students

28th February - Faculty of Life Sciences organised Discovery Gallery-Pride of India: A poster competition

28th February - Faculty of Life Sciences organised Innovation Idea Competition: Theme-Mitigating Climate Change

28th February - Faculty of Life Sciences organised Sciencetoons: Theme-Self-reliance (Atmanirbhar) or Waste Management:

28th February - College celebrated Science Day by organizing "Prerna Diwas to commemorate "The National Science Day

28th February - Dr. Mayuri Naik, Assistant Professor, Department of Chemistry organized a Poster Competition for the students of Chemistry.

MARCH 2021

1st March - Department of Sociology organized a Digital Poster contest on "Sociology and Society: Knowing it better through Technology"

2nd to 6th March - The Department of Economics had organized a Certificate course in advanced Empirical Techniques for First year, Second- and Third-year Economics students.

4th March - A webinar on "Email Etiquettes" was organised for the non-teaching staff of the college.

4th to 13th March - Department Of Psychology organized its Annual Intercollegiate Competition "Mindkraft 2021 - the Pandemic Edition"

8th to 16th March - The dept. of English celebrated Women's Day 2021 with a week long submission event.

13th March - A workshop on "Applications of Course Outcomes plus Curriculum Designing" was conducted for the PG Faculty by the department of Geography.

20th March - A webinar on 'Career Guidance in Biotechnology' was organized by the Department Of Biotechnology for the Life Sciences students

20th March - Department of Computer science organised A webinar on "Technical Debt- How it could slow everything" for the students of T.Y.B.Sc Computer Science, M.Sc IT-Part I and T.Y.B.Voc

21st March - World Poetry Day - Katharsis was organised by the department of English.

23rd March - Guest Lecture : "PREPARING FOR CAREER" by Dr. Nitin Borkar (founder and director - plantify tissue culture laboratories, Goa) was organised by Dr. Uma Masur for the students of the Department of Botany.

24th March - A guest lecture on "Understanding of herbs in light of Ayurveda" was organized by the department of Botany

26th March - The Research Committee of the college organized an online talk on "Interdisciplinary Research" for Faculty and Students of the Departments of Social Sciences and Languages

26th March - Mr. Abhishek Gudekar, Assistant Professor, Department of Information Technology, created a MongoDB cloud setup with 3 shards to conduct a practical examination in MongoDB

27th March - Guest lecture on „Biofilms and Vibrio cholerae: A tale of two life styles" was organized by the department of Botany.

31st March - Revelations, an annual inter college event, organized by the department of Economics.

APRIL 2021

5th April - The English department of organised a two part session with the founder and publisher of Yoda Press, Arpita Das, on the topic drafting with the intent to publish.

9th April - A talk on “Personal Counselling – An Overview of Academic Years 2019-2021” was conducted by the college counsellors Ms. Prianka Sardinha and Ms. Pooja Parab.

12th April - The Department of Sociology of Parvatibai Chowgule College organized intercollegiate E-Socius 2021.

16th April - An online guest lecture was organised by Ms. Amisha Pednekar and Ms. Jocelyn **Makasare** on “Landscaping and Garden Designing”.

17th April - An Orientation cum Training Programme on using OBE Portal was organized by Center for Teaching Learning.

17th April - A Student-led webinar on the topic "Virtual Tools for Learning Geology" was organized by the department of Geology.

29th April - An Expert FDP Webinar Series VI on the topic “Perspectives of NEP 2020: Technology in Higher Education” was organized by Center for Teaching Learning

MAY 2021

15th May - A workshop on effective study habits was conducted for students by Career and Personal Counselling Centre

JUNE 2021

4th June – The Department of Geography & Dahiwadi College, Dahiwadi (Maharashtra) jointly organized National Webinar on Sustainable Development of Rainwater Harvesting and Artificial Ground Water Recharge in India’

16th & 26th June - Short-Term Course 'Page to Stage' was conducted for the students of PGDGIS by Geography department.

16th to 22th June - Competition on the theme "Importance on covid vaccination" was organised by the department of Zoology.

16th to 22th June - Theme "Wildlife Trade" Best painting prize was bagged by Ms. Lizanne Cardozo of SYBSc Zoology.

16th to 22th June - Photography Competition was organised by the department of Zoology.

18th June - Workshop on Assignment writing and Academic Integrity was organised by the department of geography for the first year B.A. and B.Sc. students

20th and 22nd June - The Zoology department organized E poster, Photography and Painting competitions for the students of BSc Zoology.

21st June - The Department of Physical Education and Sports Management in association with Department of Psychology organized a Web Talk on 'Importance of Yoga for Youth' to celebrate the International Yoga Day

25th June - Philosophy department organized a Webinar on 'A Step towards Sustainable Living' was organized for the students.

30th June - A Workshop on Assignment Writing and Academic Integrity 'was conducted for the first year BA/BSc students of Geography.

JULY 2021

3rd July - The Department of Psychology organised an online farewell for the 2018-21 graduating batch via Google Meet.

5th July -Psychology Students of MA Part I organized an online farewell on the theme 'Dress up as a character from a Netflix Psychological thriller (movie/show)' for the students of MA Part II.

14th July -World Population Day was observed by the Department of Geography of our college.

26th July - The Department of Geography celebrated 'World Mangrove Day' in association with Mangrove Society of India.

26th July - Department of Zoology in association with the Mangrove Society of India organized competitions such as i)Slogan writing, ii)Elocution competition and iii)photography competition for the students, to bring about awareness on importance of Mangroves.

29th July -Placement and internship cell organized an online session on 'The Art of Cracking a Job Interview'.

30th July - The Red Ribbon Club of the college was formally inaugurated through Google Meet.

31st July - Mushroom Connect in collaboration with the Innovation and Incubation Cell (IIC) of the college, launched its product 'Grow at Home Mushroom Kit' in an online event.

31st July - The department of Hindi Celebrated 'Tulsidas evam Premchand Jayanti'.

AUGUST 2021

7th August - Department of computer Science - An Online Webinar was organized for all students from the stream of Physical and Earth Science.

9th August - A Faculty Development Programme on Research based Learning (RBL) was organized by the Internal Quality Assurance Cell (IQAC) of the college.

12th August -A Quiz was organized to celebrate 'International Youth Day' by Career and Counselling Centre in collaboration with the Red Ribbon Club and NSS Unit.

15th August - 75th Independence Day celebrated.

25th August -The Tiger's Studio of the college in collaboration with CAM CLINIC, organized an event 'Third Eye' comprising of Photography Contest & Webinar series to commemorate World Photography Day.



Artwork by Ms. Hridaya Chikkhal