



Parvatibai Chowgule College of Arts and Science
Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle)
Best affiliated College-Goa University Silver Jubilee Year Award

**WORKSHOPS/SEMINARS CONDUCTED
ON RESEARCH METHODOLOGY (RM),
INTELLECTUAL PROPERTY RIGHTS
(IPR)
AND
ENTREPRENEURSHIP AND SKILL
DEVELOPMENT(ESD)**

2018-2019

Sr.No.	Name of the workshop/ seminar
1	ESD: Soft Skills: Critical thinking, lateral thinking, Problem based learning
2	Workshop on Modes of Evaluation or Assessment -I
3	ESD-Lecture on The Significance of Social Movements in Society
4	Workshop on Modes of Evaluation or Assessment -II
5	ESD-Coastal Ecosystem of Goa " By Dr. Untawale
6	ESD-Mangrove Fauna" Dr. V Dhargalkar
7	ESD-" Mangrove Productivity" by Dr. Sayeeda Wafar
8	RM- " Mangrove bioinformatics" by Mr. D kavelekar
9	ESD-Emerging Trends in Sociology
10	ESD-lecture on " Falling In love with Birds
11	ESD-Birding and Birding etiquettes
12	RM-Bird identification and Bird Communication
13	ESD-National Workshop on Scientoons
14	ESD-Advanced Features in Professional Image Editing Software: Photoshop
15	ESD-TechWEEK 2018
16	RM-Techniques in Plant Genetic Diversity and Conservation
17	ESD-Talk on "Supramolecular Chemistry: Functional Structures on the Nanoscale"
18	Seminar On "Scholarly Communication
19	Workshop-Connect Your Achievements And Contributions On Global Registry
20	ESD-Talk on "Safety Measures In The Chemistry Laboratory"
21	Workshop- Effective Journal Record Format
22	ESD-Talk on "Pharmaceutical Chemistry: Working & Challenges"
23	RM-Workshop on "Research Based Pedagogical Tools (RBPTs) for Teaching Physics Concepts".
24	ESD-Workshop on "Computational Physics".
25	ESD-Workshop on Petrology
26	ESD-Talk on "How To Learn and Remember Periodic Table"
27	ESD-National Seminar on Best Practices
28	Workshop on 'Problem Based Learning'
29	ESD-The role of the youth towards social responsibility and social work
30	ESD-Journey of Herpatologist in India – From snakes wrangling to conservation science.
31	ESD-Entrepreneurship Opportunities in Ecotourism:Impact of Bird- watching tourism in North East, India.
32	ESD-Entrepreneurship Opportunities in Ecotourism: Ecosystem company northeast
33	Workshop - Flipped Classroom for Life Sciences
34	RM-National Conference " Wetland Conservation : approaches And Threats
35	RM-Short Term Course in Basics in Remote Sensing and GIS for the students of PES College Ponda, Goa, organized under DBT Star College Scheme
36	ESD-National Interdisciplinary Conference on 'Women Empowerment and Society in India (With Special Reference to Goa): Prospects and Challenges', funded by ICSSR,
37	RM- Research paper presentation



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<u>REPORT OF 'SPECIAL INDUCTION PROGRAMME' - DEPARTMENT OF ZOOLOGY</u>	
Title:	Special Induction Programme
Date and year:	27 th June 2018- 29 th June 2018
Venue:	A-202,ParvatibaiChowgule College of Arts and Science
Resource person/s:	Department Faculty Members
Organising Committee	Department of Zoology
No. of Participants	150
Objective:	To acquaint students with the department culture, modes of assessment and the activity planned for the academic year.
Summary of the proceedings	<p>The department of zoology conducted a 'Special Orientation Program'. The students of FYBSc, SYBSc and TYBSc, were oriented on various issues viz examination pattern, theory and practical assessment modes, activities planned for the year 2018-2019 and departmental events, club, delegation of responsibilities for campus activities, usage of CLAAP, Google classroom, etc. The FYBSc students were also given sessions on 'Problem Solving skills' and 'Thinking skills.</p> <p>The sessions conducted were allotted as follows:</p> <p>Session by Dr. Nandini Vaz Fernandes:</p> <p>1) Soft Skills:</p> <p>Students were explained the importance of thinking skills inorder to develop the mind to effectively solve problems rationally and logically. Students were taught Logical Thinking skills, Lateral thinking skills and Creative thinking skills which are vital for problem solving.</p> <p>Students were also taught 'Problem Solving Steps'. These skills are very important for students as the department adopts higher order thinking (blooms taxonomy) based T-L-E methods .</p>

2) Effective ways of answering exams

This orientation was mainly focused for the FY and SY students. Problem based learning is one of the components for each of their CA, so it is important for students to know how to solve higher order questions. Semester paper includes 30-40% of higher order questions, in order to qualify for the next grade students should be able to know the effective ways of answering exams.

Session by Ms. Madhu Balekai:

Practical procedures, butterfly garden and vermicomposting.

1) Practical procedures: Department of zoology has a specific way of conducting practical's and assessment. It is made very clear to the students about the practical procedure and the assessment. They are made familiar with the rubrics of practical assessment.

2) Butterfly garden: The department of Zoology took an initiative of creating a butterfly garden in the campus, which was inaugurated on 2nd October, 2017. The butterfly garden displays the photographs and names of butterflies present in the campus, recorded over a period of three years by Dr. Nandini Vaz Fernandes. It is mandatory for every student of the department to be a part of the butterfly garden and help in development of it.

Session by Ms. Andrea D'Souza:

1) Modes of assessment and Community outreach programme- Students were made familiar with the different modes of assessment and rubrics. Community outreach programme is compulsory activity for every TY student.

Session by Ms. Tessa:

1) **CLAAP usage and collection of internship report-** Students were made conversant with the usage of CLAAP.

Session by Ms. Gautami :

1) **Activities of the department-** Entire department activity chart along with schedule was shown to students.

Session by Mr. Stephen:

1) **Chowgule's birders club-** This club was initiated in the year 2015. Students were made familiar with the activity planned for the academic year.

Class activity- Problem to solve...

- Write down a problem.
- Plan out step wise method of solving the problem.



....Start now....



CREATIVE THINKING



27th to 29th June 2018

Dr. Nandini Vaz Fernandes

Brain Dominance



Left Brain / Convergent Thinkers

- have a systematic approach and play by rules.
- They analyse everything and conclude logically.

Right brain / Divergent Thinkers

- are creative and have a tendency to bend the rules.
- They are artistic and always looking for ways to express themselves.



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FACULTY TRAINING WORKSHOP
ON
'MODES OF EVALUATION OR ASSESSMENT -I'

Date: 06th July 2018.

Venue: G-101

Time: 3.00 – 4.10pm.

Organised by: IQAC.

No. of Participants: 42

Resource Persons:

- 1) Dr. Sachin S. Moraes.
- 2) Dr. Nandini Vaz Fernandes.

Brief writeup:

In measuring the learning outcomes of students in terms of knowledge gained and skill acquired, it is pertinent to assess their understanding and in the process help to improve their learning. These can be achieved by adopting various modes of assessment during the course of their learning. In view of the same, the IQAC of the college conducted a workshop on "Modes of Evaluation/Assessments- I" on 6th July 2018. Dr. Nandini Vaz Fernandes and Dr. Sachin S. Moraes as resource persons presented few guidelines in adopting:

1. Open Book Assessments
2. Multiple Choice Questions (MCQ)
3. Students Presentations (SSM)
4. Short Answer Questions



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WORKSHOP –
"Modes of Evaluation/Assessments- I"
6th July 2018
AN IQAC INITIATIVE

Presented by
DR. SACHIN MORAES and DR. NANDINI VAZ FERNANDES
PARVATIBAI CHOWGULE COLLEGE
MARGAO GOA
EMAIL:nvf001@chowgules.ac.in



OBJECTIVE OF THE WORKSHOP

- To understand the pedagogy of assessment modes:
 - Check the understanding of the students
 - to improve student learning,
 - measuring the learning outcomes in knowledge, skills, attitudes and beliefs becomes an important factor.
- Assessment modes adopted should therefore be aimed at checking the same.
- In view of this the IQAC of the College is organizing a workshop on "**Modes of Evaluation/Assessments- I**"

Since, under autonomous structure, the freedom of how to assess lies with the course teacher, the choice of the mode of assessment would depend on the learning outcome designed for a course.

The workshop was concluded with an address by Vice Principal Shri. H. S. Nadkarni.

Shri. H. S. Nadkarni
IQAC co-ordinator



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Report on “Lecture on the Significance of Social Movements in Society”

Title: “The Significance of Social Movements in Society”
Date and year: 15th July, 2017
Venue: Upper Auditorium
Resource person/s: Mr. Suresh Dwadashiwar-Social Activists
No. of Participants 75
Objective: 1. The Role of Social Movements in Society

Summary of the proceedings
Photographs

The Speaker through his own life spoke about the role of social movements in Society. His experience of the North east movements was enlightening and enriching.





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FACULTY TRAINING WORKSHOP
ON
'MODES OF EVALUATION OR ASSESSMENT -II'
ORGANIZED BY IQAC

Date: 20th July 2018.

Venue: Lower Auditorium

Time: 2.15 – 3.30pm.

Organised by: IQAC.

No. of Participants: 48

Resource Persons:

- 1) Dr. Sachin S. Moraes.
- 2) Dr. Nandini Vaz Fernandes.

Brief writeup:

In continuation to the earlier workshop on Modes of Evaluation or Assessment I dated 06th July 2018, the IQAC of the college conducted the second session of the workshop on "Modes of Evaluation/Assessments- II" on 20th July 2018. Dr. Nandini Vaz Fernandes and Dr. Sachin S. Moraes as resource persons presented further guidelines in adopting:

1. Assignments
2. Portfolio & Process Portfolio
3. Case Study
4. Gobbet
5. Poster / Chart
6. Concept Map

Since, under autonomous structure, the freedom of how to assess lies with the course teacher, the choice of the mode of assessment would depend on the learning outcome designed for a course.

Vice Principal Shri. H. S. Nadkarni requested to faculties to understand the level of students attending their classes, to introduce and explain the first years slowly and systematically to the evaluation and assessment pattern enabling them grasp and tackle any kinds of assessments in long run. He finally concluded workshop with a Thank you note.

Photographs



Resource Person: Dr. Nandini V. Fernandes



Resource Person: Dr. Sachin Moraes



Vote of Thanks by Shri H.S.S. Nadkarni



Faculties attending the Workshop on 'Modes of Evaluation or Assessment-II'

Shri. H. S. Nadkarni
IQAC co-ordinator



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REPORT OF INDUSTRY ACADEMIA LECTURE SERIES - MANGROVES

Title:	Industry Academia lecture Series - Mangroves
Date and year:	30 th July 2018
Venue:	Auditorium
Resource person/s:	Lecture Series: Dr.Untawale, Dr.Dhargalkar, Dr.SayeedaWafar Mr. DevanandKavalekar
Organising Committee	<ol style="list-style-type: none">1. Dr. Nandkumar Sawant (Chairman DBT Star College Scheme)2. Dr. Nandini Vaz Fernandes (HOD, Zoology & College coordinator DBT Star College Scheme)3. Ms. Madhu Balekai4. Ms. Tessa Vaz5. Ms. Andrea D'souza6. Mr. Stephen Dias7. Ms. GautamiManakikar
No. of Participants	150
Objective:	To organize joint activities in research, training, community outreach, co-curricular and extra - curricular areas and enable students to carry out internships.
Summary of the proceedings	<p>The Department of Zoology of Parvatibai Chowgule college of Arts and Science (Autonomous), in association with 'Mangrove Society of India' (MSI) organized Lecture series on 'Mangrove ecosystem' on 30th July 2018. The department of Zoology had organized painting and photography competitions on 26th July to commemorate the 'World mangrove day'. As a continuation of the celebration the lecture series were organized on 30th July 2018.</p> <p>The chief guest of the function was Dr. Pradeep Sarmokadam, member secretary of Goa State Biodiversity board. The function was held in the auditorium of</p>

Chowgule College and was attended by the faculty and students of botany, geography and zoology. Principal Dr. Nandkumar Sawant welcomed the chief guest with memento and flowers and said that we look forward to bring about societal awareness in terms of conservation. Dr. Sarmokadam addressed the faculty and students and said that young students should be venturing into applied biodiversity research, the outcome of which can be used to address the issues faced by our state and nation as a whole. He also appreciated the role of Chowgule College in formulation of 'Biodiversity Heritage site' document for Curtorim panchayat and its role as 'Technical Support group' for the preparation of 'People's Biodiversity register" by team of faculty of Chowgule College.

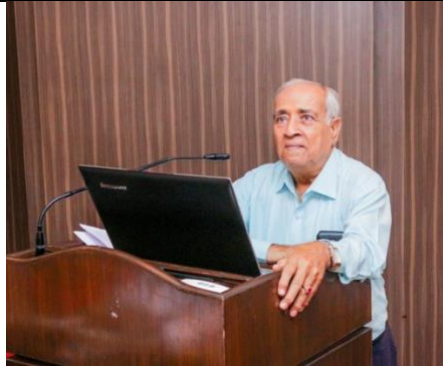
"The speakers lecture series were specially selected to create awareness about the importance of mangroves and the uniqueness of floral and faunal diversity in mangrove ecosystem" said Dr. Nandini Vaz Fernandes, Head of the department of Zoology.

The speakers were scientist/former scientist of National Institute of Oceanography (NIO) Dona Paula and current members of Mangrove society of India. Dr. Untawale, executive secretary of MSI, spoke on "Coastal ecosystem of Goa" where he stressed on the different aspects of the ecology of mangoves and wetlands in Goa. He talked about the species of mangrove plants and their ecological adaptations and the role of these mangrones in protection of the Goan coast.

Dr. V Dhargalkar, joint secretary of MSI spoke on "Mangrove fauna" and described the uniqueness of the micro, meso and mega fauna of the mangrove ecosystem. He explained the relationship of all the plants and animals including humans in the food web of mangrove ecosystem.

Dr. Sayeeda Wafar spoke on "Mangrove productivity and Mr. D Kavlekar scientist at NIO spoke on 'Mangrove bioinformatics'. The MSI also put up exhibits of the mangrove flora, fauna, uses and threats in the 'Mangrove exhibit' gallery held in the quad of Chowgule College. The photographs and paintings done by the zoology students on the theme 'Mangrove fauna' was also exhibited in the gallery.

Photographs



Dr. Untavale, Executive Member secretary of MSI



Figure 1 :Principal Dr. Nandkumar Sawant welcoming the Chief Guest Dr. Pradeep Sarmokadam for the Lecture Series Function



Figure 2: Chief Guest Dr. Pradeep Sarmokadam addressing the Lecture Series function





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Report on “Lecture on Emerging Trends in Sociology”

Title: ‘Emerging Trends in Sociology’

Date and year: 8th February 2018

Venue: Geography Lab, Parvatibai Chowgule College

Resource person/s: Professor Paula Maria Guerra Tavares, from the University of Porto, Portugal.

No. of Participants 9 sociology teachers from Goa

Objective:

To understand the new trends in Sociology

To share the cultural difference with the faculty from other country.

Summary of the proceedings

The faculties discussed the various emerging trends and great contribution was made by Prof.Paula.





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<u>REPORT OF 'CBC COUNCIL INAUGURAL AND LECTURE SERIES'</u>	
Title:	CBC council inaugural and lecture series
Date and year:	13 th August 2018
Venue:	U- auditorium, ParvatibaiChowgule College of Arts and Science
Resource person/s:	1)Ms. Marvelyn Dias 2)Mr. Pankaj Lad
Organising Committee	Zoology Departmental Faculty
No. of Participants	100
Objective:	To acquaint the students with the rich diversity of birds in Goa and the importance of bird research
Summary of the proceedings	<p>Inaugural session: Ms. Andrea D'souza welcomed the gathering with a brief about the Chowgule's birders club which was started in 2014. HOD , Dr. Nandini Vaz Fernandes welcomed the guests and the vice principal with flowers and briefed the audience about the events of the day.</p> <p>The lecture series consisted of lectures by the guest speakers and a brief presentation on birding etiquettes by Dr.NandiniVaz Fernandes</p> <p><u>Lecture 1:</u> Ms. Marvelyn Dias, an ornithologist and a proactive bird conversationalist who worked as a Secretary of the Goa Bird Conservation Network (GBCN). Her lecture on "Falling in love with birds" was based on her experience of getting into birding. She proved to be a motivation for young birders</p> <p><u>Lecture 2:</u>The second speaker Mr. Pankaj Lad spoke on "How do bird's Communicate", where he discussed and demonstrated the way birds communicates with the help of their song. He played different calls and songs of birds and helped students identify them based on their sound.</p> <p><u>Lecture 3:</u>Dr. Nandini Vaz Fernandes, gave lecture on 'Birding and Birding etiquettes'. It was very informative for the young birders as the speaker stressed on the different etiquettes of birding as it is a pre-requisite for any birder pursuing birding.</p> <p>This lecture series was followed by introduction of coordinators of the club, Mr</p>

AbhirajSinh Bhatti and Miss Ruta Tushar Sawant Talaulikar, both from SYBSc. They displayed the schedule of all the activities planned the whole year. To conclude Ms. Madhu gave the vote of thanks to the committee, guests and all the students gathered for the lecture series. The programme with registration for the birders club which is open to all the faculty and students of Chowgule's college.

Photographs





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Report on “Workshop on Scientoons”

Title: ‘National Workshop on Scientoons

Date and year: 18th and 19th August 2018.

Venue: Parvatibai Chowgule College of Arts and Science Autonomous, Gogol Margao

Resource person/s: Dr. Pradeep K. Srivastava, Father of Scientoons and Scientoonics, Senior Principal Scientist in Medicinal and Process Chemistry Division, Former Deputy Director of Central Drug Research Institute, Lucknow

No. of Participants 50

Objective:

To address environmental problems and solutions and inculcate the culture of environmental awareness and convey solutions through simple scientoons by provoking the participants towards critical thinking and create beautiful educative scientoons.

Summary of the proceedings

The Department of Science, Technology and Environment Porvorim, Goa sponsored two days “National Workshop on Scientoons” was conducted by the Department of Biotechnology at Parvatibai Chowgule College of Arts and Science Autonomous, Gogol Margao Goa on 18th and 19th August 2018. More than 50 participants attended this workshop from various science colleges of Tamil Nadu, Bangalore, Belgaum, Gujarat and Ratnagiri and rest of the participants were students, teachers and doctors from various medical sciences, higher secondary science students and science college students of various age groups ranging from 13 years to 56 years, wherein they learnt how to create and enjoy science through ‘scientoons’. This unique type of National workshop on the new concept of Scientoons was organized for the first time in the State of Goa to address environmental problems and solutions and inculcate the culture of environmental awareness and convey solutions through simple scientoons by provoking the participants towards critical thinking and create beautiful educative scientoons. The resource person for this workshop was Dr. Pradeep K. Srivastava, Father of Scientoons and Scientoonics, Senior Principal Scientist in Medicinal and Process Chemistry Division, Former Deputy Director of Central Drug Research Institute, Lucknow. He delivered a lecture on ‘Scientoons and Scientoonics and their importance’ followed by hands on training and scientoon competition on the theme ‘Clean and Green Goa’ on the recent concept of creating ‘Post-scientoons’ addressing problems along with solutions on postcards wherein five prizes

were awarded. The recipient of the '**Best Sciencoon Award**' was Ms. Lakiesha Costa, Biotechnology student of our college who has been nominated as an "**Ambassador of Sciencoons for the State of Goa**" by the Father of Sciencoons and Sciencoonics and also the Second prize was bagged by Ms. Raisa Rodrigues, Biotechnology student of our college.

Photograph:

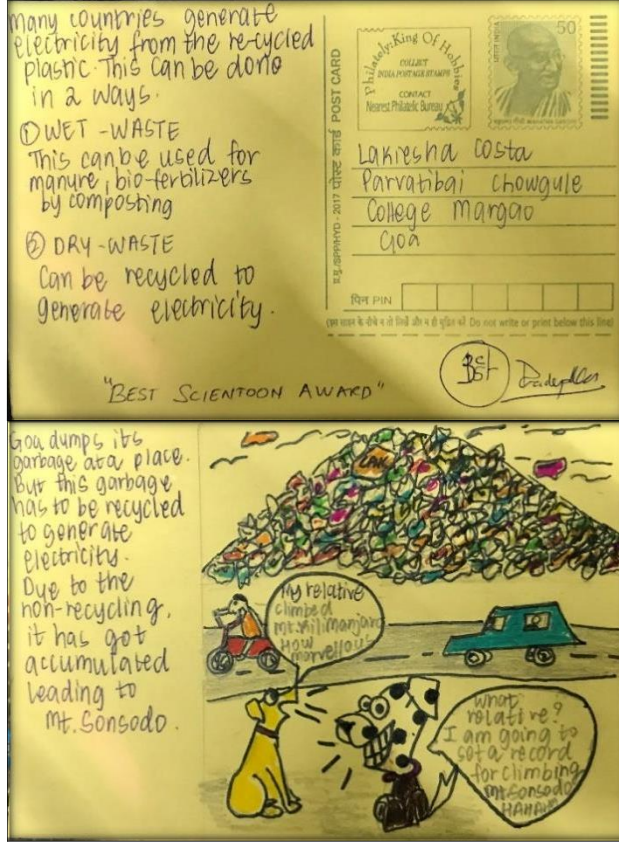


Participants of National Workshop on Sciencoons at Parvatibai Chowgule College Margao Goa

L-R : Ms. Liesl DeSilva Biotech Department Incharge, Ms. Madhavi M. Motankar Organizing Secretary, Assistant Professor in Biotech, Dr. Pradeep Srivastava - Father of Sciencoons and Sciencoonics; Dr. Nandkumar N. Sawant Principal and Dr. R. Kanchana Convener, Assistant Professor in Biotech.

“Best Sciencetoon Award Winner” and ‘Ambassador of Sciencetoons for State of Goa’

Ms. Lakiesha Costa Second year B.Sc. Biotechnology student of Parvatibai Chowgule College of Arts and Science, Gogol Margao Goa.



चौगुले महाविद्यालयात 'सायन्सटुन'वर राष्ट्रीय कार्यशाळा

प्रतिनिधी
मडगाव

विज्ञान व तंत्रज्ञान खात्याकडून पुरस्कृत 'सायन्सटुन' म्हणजेच विज्ञानावर आधारित व्यंगचित्रे या संकल्पनेवरील दोन दिवसांची राष्ट्रीय कार्यशाळा मडगावातील चौगुले महाविद्यालयाच्या बायोटेक्नोलॉजी विभागाकडून नुकतीच आयोजण्यात आली. त्यात भोसंतकीपासह तामिळनाडू, बंगलुरु, वेळगाव, गुजरात, रत्नागिरी व अन्य भागातील विविध विज्ञान महाविद्यालयांशी संबंधित ५० हून अधिक प्रतिनिधींचा समावेश राहिला. यात उच्च माध्यमिक व महाविद्यालयीन विद्यार्थी, शिक्षक तसेच डॉक्टर्स समाविष्ट होते. अशा प्रकारची कार्यशाळा गोव्यात पहिल्यांदाच झालेली आहे.

त्यात 'सायन्सटुन'चे तज्ज्ञ डॉ. प्रदीप के. श्रीवास्तव यांनी मार्गदर्शन केले. 'सायन्सटुन' सायन्सटुनिक्स आणि त्यांचे महत्त्व यावर त्यांचे व्याख्यानही झाले. तसेच 'स्वच्छ व हरित गोवा' या विषयावर सायन्सटुन तयार करण्याची स्पर्धा घेण्यात आली. त्यात उत्कृष्ट सायन्सटुनचा किताब चौगुले महाविद्यालयाच्या बायोटेक्नोलॉजी विभागाची विद्यार्थिनी लाक्ष्मी डिक्कोस्ता हिला मिळाला. डिक्कोस्ता हिची गोव्यासाठीचा सायन्सटुनही अॅम्बेसिडर म्हणूनही निवड करण्यात आलेली आहे. तिने सोनसडावरील कचऱ्याच्या प्रश्नावर 'सायन्सटुन' तयार केले होते.

वरील सूर्यत एरिन न्युनिस (पणजीतील शारदा मंदिर उ. मा. विद्यालयाची अकरावीची विद्यार्थिनी), रायसा रॉड्रिग्स (चौगुले महाविद्यालयाच्या बायोटेक्नोलॉजी विभागाची विद्यार्थिनी), केरिदो कुतिन्हो (रशियतील वैद्यकीय संस्थेची वैद्यकशास्त्राची विद्यार्थिनी) यांना प्रथम तीन, तर यश डिबोलकर (मडगावातील मनोविकास विद्यालयाचा सातवीचा विद्यार्थी) याला उत्तेजनार्थ बक्षीस प्राप्त झाले.

मडगाव : सायन्सटुन च्या कार्यशाळेत सहभागी झालेल्यांसमवेत चौगुले महाविद्यालयाचे प्राचार्य डॉ. नंदकुमार सावंत, बायोटेक विभागप्रमुख लिजेल डिसिल्वा, संघटक सचिव माधवी मातोणकर, डॉ. प्रदीप श्रीवास्तव तसेच निमंत्रक डॉ. आर. कांचना.

Clipping of Tarun Bharat (Marathi) newspaper article of page 12 on 09th September 2018



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Report on “Workshop on Advanced Features in Professional Image Editing Software: Photoshop”

Title:	Advanced Features in Professional Image Editing Software: Photoshop
Date and year:	21 st Sep 2018
Venue:	Computer Science Lab
Resource person/s:	Mrs. Neeta Dhopeswarker
No. of Participants	10
Objective:	To teach multiple techniques of Image editing in professional manner with hands-on session in Photoshop.
Summary of the proceedings	This workshop was organized for PGDCA students wherein the students were elaborated on multiple techniques of Image editing in professional manner. Workshop included on Hands on sessions.

Photographs





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Report on “Techweek 2018”

Title: Techweek 2018

Date and year: 27th Aug to 1st Sep 2018

Venue: Lower Auditorium, Parvatibai Chowgule College of Arts & Science

Resource person/s: Mr. Chetan Borkar Senior Software Engineer and Founder of Dreamlogic Infosystem, Mr. Vishal Kerkar, Software Engineer from Accion labs and Mr. Sedrick Pires, Web Developer from Numedi

No. of Participants 98

Objective: Main aim of this one week hands-on training programme was to make students familiar with the latest technologies.

Codelgnitor, Python& Django and Vue.js

Summary of the proceedings Photographs







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Report on "Workshop on Techniques in Plant Genetic Diversity and Conservation"

Title:	Techniques in Plant Genetic Diversity and Conservation
Date and year:	3 RD & 4 TH September 2018
Venue:	Upper Auditorium
Resource person/s:	<ol style="list-style-type: none">1. Dr. S.R. Yadav from Department of Botany, Shivaji University, Kolhapur.2. Dr. P. B. Kavi Kishor is Prof. Emeritus at Plant Genetic Department of Osmania University, Hyderabad.3. Dr. M.K. Janarthanam, from Department of Botany, Goa University4. Dr. S. Anil Kumar working as SERB- National Postdoctoral fellow at Jawaharlal Nehru University, Hyderabad
Organising Committee	Dr Uma Masur
No. of Participants	22
Objective:	<ol style="list-style-type: none">1. To enrich the students with the latest updates of the Academics and Technicalities.2. To bestow the students with knowledge about Academic needs, latest technical updates and Avenues for Higher studies

3. To stimulate thinking and facilitate understanding, arousing interest and motivating further inquiry and discussion

**Summary of
the
proceedings**

The workshop began with an inaugural function at 09:30 am on 03 September 2018. The inaugural function, was addressed by Prof. S.R. Yadav followed by book release of 'Fundamentals of Environmental Biotechnology' co-authored by Dr. Uma Masur and Dr. Uday Kumar Sangodkar.

First session was on 'Plant diversity of Western Ghats and its Conservation' by Dr. S.R. Yadav, who emphasized on saving the biodiversity and conducting more research by field botany so as to protect the biodiversity of the Western Ghats.

Second Session by Dr. P. B. Kavi Kishor on "Plant biology: what has been achieved so far and what need to be achieved by 2050". He stressed upon the need to understand what technology can do in advancing our knowledge in life sciences especially plant sciences by focusing on the various advance technologies being developed for the same. The second half of the day began with the practical session where DR. P.B. Kavi Kishor and Dr. Anil Kumar guided the students to Isolate the genomic DNA from Plants and run the DNA using Agarose gel Electrophoresis.

Day 2 began with a lecture on 'Germplasm and its conservation' by Dr. Anil Kumar. He highlighted that Germplasm conservation is the need of the hour as it serves as the link between the acquisition and utilization of plant genetic resources. He also mentioned about he various techniques that can be employed



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Report on “Lecture on Supramolecular Chemistry: Functional Structures on the Nanoscale”

Title:	Talk on “Supramolecular Chemistry: Functional Structures on the Nanoscale”
Date and year:	September 8 th , 2018
Venue:	Parvatibai Chowgule College of Arts and Science, Autonomous , Upper Auditorium
Resource person/s:	Dr. Sheshanath Bhosale, UGC Professor, Department of Chemistry, Goa University
Organising Committee	Department of Chemistry (Sponsored by DBT Star College)
No. of Participants	123 students and 9 teachers
Objective:	Providing an insight into current research in Chemistry for students and teachers
Summary of the proceedings	<p>Chemists have been successful with synthesis, isolation and analysis but not with the reproduction of the working molecular apparatus. The introduction of yoctowells, as a surface-engineered phenomenon, has addressed one of the great challenges on nanoscale level – the separation, containment and manipulation of individual molecules and allowed studying molecular interactions.</p> <p>The talk focused on discussion of innovative and cutting-edge research program on smart functional material on the nanoscale level and their applications such as molecular recognition, environmental (purification, separation), energy (solar cells), and drug delivery.</p>



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REPORT
SEMINAR ON “SCHOLARLY COMMUNICATION”

Title:	SEMINAR ON “SCHOLARLY COMMUNICATION
Date and year:	16 th October 2018.
Venue:	Upper Auditorium, 2.00 – 4.30pm.
Resource person/s:	Dr. Murari Tapawi.
Organising Committee	IQAC & Research, Consultancy & Extension Committee.
No. of Participants	41 faculty members of Parvatibai Chowgule College
Objective:	To enable faculty to choose the right journal for publication of their findings and create awareness on predatory journals.
Summary of the proceedings	The convenor of the research committee Dr. Nandini Vaz Fernandes explained the objective of the seminar. She explained that in this era of multiple journals available at our disposal to choose from, what should be the criteria of choosing journals for publishing their valuable works and how to identify predatory journals was the motive of conducting this seminar. Dr. Ashish Desai of the research committee introduced the speaker Dr. Murari Tapaswi. Dr. Tapaswi was ex-scientist / Librarian of NIO donapaula. He very interestingly put forth the important aspects of publications i.e. criteria for recognising standard journals, what is impact factor, identifying standard journals from web of Knowledge

etc. He also enlightened the faculty members on need to popularize ones publications, need to register for ORCID, and maintaining standard styles of writing individual names and affiliated institution name etc. Vote of thanks was proposed by IQAC coordinator and Vice-Principal Shri H.S.S.Nadkarni.



Dr. Murari Tapaswi as resources person at the Seminar on 'Scholarly Communication'



Faculty participants at the Seminar on 'Scholarly Communication'

Resource Person: Dr. Manavi Topkar

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QAC through RESEARCH CONSULTANCY AND EXTENSION COMMITTEE
Organized

SEMINAR ON 'SCHOLARLY COMMUNICATION'

6.10.2018	Time: 02.00 p.m	Venue: Lower Auditorium	
S.N.	Faculty Attendees	Departments	Signatures
1	Pashish M. Desai	physics	Desai
2	Dr. H. C. Chopdekar	Konkani	Chopdekar
3	Pradeep R. Jata	Hindi	Jata
4	Yatin P. Desai	Physics	Desai
5	A. Ashish.	Geography	Ashish
6	Sanjay D. Gaikwad	Geography	Gaikwad
7	Prasad Pawar	Marathi	Pawar
8	Sarah T. Mesquita	Biochemistry	Mesquita
9	Rhanya G. Bhat	Biochemistry	Bhat
10	Vallabha A. V. Dine	Biotechnology	Dine
11	Andrea D'Souza	Zoology	D'Souza
12	Lee Anne D'Costa.	Biotechnology	D'Costa
13	Lisel De Silva	Biotechnology	De Silva
14	Dr. Saptaraj N. Prabhukhargurekar	Biochemistry	Prabhukhargurekar
15	Madhavi M. Motankar	Biotechnology	Motankar
16	Lactina Gonsalves	chemistry	Gonsalves
17	Sonia da Costa	English	da Costa
18	Savika Advilkar	Marathi	Advilkar
19	Rupali Pambh	Econom	Pambh
20	Smita Kishore	Psychology	Kishore
21	Arunima M. Babu	Psychology	Babu
22	Aresh Nark	Psychology	Nark
23	Amal Nark	Computer Science	Nark
24	Sameera Falleiro	Comp. Sc.	Falleiro
25	Sushila Bhat	" "	Bhat
26	Neeta Bhupeshwariker	" "	Bhupeshwariker
27	Sahin Lavin Moraes	Analogy	Moraes
28	Andrew S BARRETO	ENGLISH	Barreto

SEMINAR ON 'SCHOLARLY COMMUNICATION'

16.10.2018

Time: 02.00 p.m.

Venue: Lower Auditorium

S.N.	Faculty Attendees	Departments	Signatures
29	ANURAG M. NAIR	CHEMISTRY	Anurag M. Nair
30	Castor Godinho	Chemistry	Castor Godinho
31	Crastoni Menakirai	Zoology	Crastoni Menakirai
32	Rosa Vaz	Zoology	Rosa Vaz
33	Madhu P. RAJENDRA	ZOOLOGY	Madhu P. Rajendra
34	Danielle Martins	Mathematics	Danielle Martins
35	S.M. Haymalakar	Mathematics	S.M. Haymalakar
36	Santhosh K. K.	History	Santhosh K. K.
37	R. S. NAIR	CHEMISTRY	R. S. Nair
38	Bhavana M. Samadikar	Administration	Bhavana M. Samadikar
39	H.S.S. Nadkarni	Geology	H.S.S. Nadkarni
40	Nandini Vaz Fernandez	Zoology	Nandini Vaz Fernandez
41	Anagha Bicholass	Geography	Anagha Bicholass
42			
43			
44			
45			
46			
47			



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REPORT

HAND-ON WORKSHOP ON “CONNECT YOUR ACHIEVEMENTS AND CONTRIBUTIONS ON GLOBAL REGISTRY: ORCID & RESEARCHER ID”

Title:	Connect Your Achievements And Contributions On Global Registry: ORCID & RESEARCHER ID”
Date and year:	17 th October 2018.
Venue:	CTL Audio Visual Room
Resource person/s:	Dr. Nandini Vaz Fernandes
Organising Committee	IQAC through Research, Consultancy & Extension Committee.
No. of Participants	22 faculty members of Parvatibai Chowgule College
Objective:	<ul style="list-style-type: none">- To help faculty obtain unique digital identifier and associate it with all academic works and publications for giving global accessibility.- To enable faculty to publish research papers in journals of repute.- Connect oneself with one’s professional affiliation.
Summary of the proceedings	<p><i>Prerequisites:</i></p> <p>Faculty members were requested to organise their publication list in APA format and bring it for the workshop on their laptops. Publications can include research journal papers, articles, books, chapters, dramas or any other work created by teachers.</p>

Summary:

The teachers were informed about the importance and benefits of registering for ORCID and RESEARCHER-ID. The participants were helped to register themselves for these global registry and the method of uploading their works was demonstrated. The members uploaded their works viz. research publications/ articles/books/ conference proceedings etc on ORCID. They were also explained the procedure of transferring data from ORCID and RESEARCHER-ID and vice versa. The method of retrieving and linking their research works from global databases was also demonstrated.

Photographs of Workshop

Dr. Nandini Vaz Fernandes speaking to the teachers at the workshop on “Connect Your Achievements and Contributions on Global Registry: Orcid & Researcher ID”

Participants of the workshop on “Connect Your Achievements and Contributions on Global Registry: Orcid & Researcher ID”





Dr. Nandini Vaz Fernandes speaking to the teachers at the workshop on “Connect Your Achievements and Contributions on Global Registry: Orcid & Researcher ID”



Faculties registering on ORCID themselves at the workshop on “Connect Your Achievements and Contributions on Global Registry: Orcid & Researcher Id”

Report prepared by Ms. Bhavana Sawardekar

Approved by Dr. Nandini Vaz Fernandes



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Report on “Lecture on Safety measures in the Chemistry laboratory”

Title:	Talk on ‘ Safety measures in the Chemistry laboratory’
Date and year:	2 nd November 2018
Venue:	Parvatibai Chowgule College of Arts and Science, Autonomous -Upper auditorium
Resource person/s:	Richie Baracho Executive II , EHS Vergo Labs Ltd Verna Goa
Organising Committee	Dr.Manjita R. Porob Mrs. Padmini C. Raiker
No. of Participants	120 (Teaching and non teaching staff of the Chemistry department, FYBSc and TYBSc students)
Objective:	The objective of this laboratory safety program was to reduce the risk that laboratory work poses to the students, laboratory staff and teachers of Chemistry department and foster a safety lab culture.
Summary of the proceedings	<p>The resource person was very much talented in his field and explained to the entire audience the need of getting trained by the laboratory safety measures. He showed clippings of few videos depicting the after effects, if lab safety is not given importance. The staff and students were given guidance on how to prevent an accident in the labs and were also given the knowledge of tackling any lab accidents. He emphasized more on the importance of the PPE (Personal protective equipment) to be worn in the chemistry labs while handling chemicals such that there is no threat to the health of the person working in the lab.</p> <p>The resource person also inspected the laboratories and gave his feedback on the correct methodology of storing chemicals, use of signboards, importance of industrial exhaust fans, dress code in the laboratories etc.</p>

He concluded his session by saying that it is better to be safe than to be sorry and hence we should not feel that we can relax as accidents have not occurred till date.



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REPORT
WORKSHOP ON
“NEW LABORATORY JOURNAL RECORD FORMAT”
FOR FACULTY OF LIFE SCIENCE
(Biotechnology, Biochemistry, Botany, & Zoology)

Title:	‘EFFECTIVE JOURNAL RECORD FORMAT’
Date and year:	10 th November 2018.
Venue:	Conference hall
Resource person/s:	Dr. Nandini Vaz Fernandes Ms. Madhu Balekai
Organising Committee	Dr. Nandini Vaz Fernandes- Dean, Faculty of Life Science, Assistance & Logistic Support by: Executive Assistant, Ms. Bhavana Sawardekar
No. of Participants	18
Objective:	To help faculty members to adopt Journal format which is more effective in terms of enabling students to record their learning.
Summary of the proceedings	<p>Dr. Nandini Vaz Fernandes, Dean of life science conducted workshop for faculty members of Life sciences on “New Laboratory Journal record format” on 10th November 2018. The faculty members were explained the new format and pedagogy of conduct of practicals to make learning more effective. A sample journal in ‘Cell and Molecular Biology’ introduced in the Zoology department was shown as an example.</p> <p>The new format given has a Prelab work component and students analysis etc., and guidelines on how to record observations in a journal was given. Overall, the new journal format was intended to help students to use journal as a document for recording their learning in a more scientific manner. Ms. Madhu Balekai explained how prelab work can be given so that students could learn about the principle and concepts of experiment to be performed.</p> <p>A sample Journal prepared by the dean was emailed to all faculty as a Template.</p>
Photographs of Workshop on “New Laboratory Journal record format”	











*Dr. Nandini Vaz Fernandes welcoming the life science students
for the Workshop on 'Build your E-Portfolio'*



Report prepared by Ms. Bhavana Sawardekar

Dated: 11-11.2018

Approved by Dr. Nandini Vaz Fernandes



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Report on “Lecture on Pharmaceutical Chemistry: Working & Challenges”

Title:	Talk on ‘Pharmaceutical Chemistry: Working & Challenges’
Date and year:	10/11/18
Venue:	College Upper auditorium
Resource person/s:	Mr. Vishwas Desai Senior Manager Quality Assurance Blue Cross Laboratories Pvt Ltd
Organising Committee	Convenor- Mr. Anurag .M. Naik Co – convenor- Mrs. Navita .D. Naik
No. of Participants	100
Objective:	The objective of this program was to make the undergraduate chemistry students understand the basic skills needed to work in pharmaceutical industry and also to know the processes and working methodology in pharmaceutical industry.
Summary of the proceedings	The Department of Chemistry, ParvatibaiChowgule College organized a talk on ‘Pharmaceutical Industry: Working & Challenges’ by Mr.Vishwas Desai, Senior Manager, Quality Assurance, Blue Cross Laboratories Pvt. Ltd on 10/11/18.The said activity was organized under DBT, Star college scheme for the students of SYBSc and TYBSc of the Chemistry department.

The resource person was very much talented in his field and explained to the entire audience the basic skills required for the chemistry undergraduate students to work in the pharmaceutical industry. He also explained the important areas of working in Pharmaceutical industries and gave necessary instructions which are essential for the students willing to work in industries.



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Report on “Workshop on Research Based Pedagogical Tools (RBPTs) for Teaching Physics Concepts”

Title:	Workshop on “Research Based Pedagogical Tools (RBPTs) for Teaching Physics Concepts”.
Date and year:	19 th and 20 th November, 2018
Venue:	Lower Auditorium
Resource person/s:	<ol style="list-style-type: none">1. Prof. P.K. Ahluwalia, Retired. Professor, Department of Physics, Himachal Pradesh University2. Sarmistha Sahu, Coordinator, Ammanni Anveshika , Retired. Professor, Maharani Lakshmi Ammanni College, Bangalore3. Dr. Vandana Luthra, Associate Professor, Gargi College, New Delhi4. Dr. Charu Dogra Rawat, Assistant Professor, Ramjas College, Delhi.
Organising Committee	Physics Department
No. of Participants	18
Objective:	<ol style="list-style-type: none">1. To introduce participants to the various pedagogical methods to foster the skills and attitudes we expect in our students.2. To impart hands-on training with use of RBPT illustrations from each branch of physics.3. To encourage Teachers for using RBPT for some topics in Physics and share with peers and experts.
Summary of the proceedings	Day 1 of the workshop began with an inaugural function at 09.00 am on 19 th November 2018. During the inaugural function, Prof. Ahluwalia gave a very insightful address. He praised the theme of the workshop and said he is looking forward to the innovative program and being autonomous, the college has the

liberty to plan and implement ideas like conducting such workshops more often. Dr. Sarmistha Sahu, resource person for conducting the workshop revealed the primary aim of the workshop and introduced other RBPT specialized resource persons, Dr. Vandna Luthra and Dr. Charu Dogra Rawat from University of Delhi. Second Session on 'Effective Pedagogy' (activity 1) – various pedagogical methods to foster the skills and attitude we expect in our children was conducted by Dr. Sarmistha Sahu. The session on "Introduction to RBPTs" was conducted by Dr. Charu Dogra Rawat. The session was followed by further explanation of the elements of RBPT by certain examples. The session was conducted by Dr. Vandna Luthra. The next session was Knowledge Construction Skills (activity 2) – planning, designing, construction, experimentation, empirical methods & reporting, conducted by Prof. Sarmistha Sahu.

Day 2 began with reflection on the previous day's activities and elements of RBPT. The session was conducted by Dr. Charu Dogra Rawat. The next session was hands-on activity on electronic configuration that was conducted by Prof. Sahu (activity 3). To emphasize upon the observation as an important aspect of learning, next session was conducted by Dr. Luthra (activity 4). The participants went on to select topics to create their own RBPTs and drafted RBPTs, keeping in mind the elements of RBPTs. The teams then presented their RBPTs groupwise. The next session was an investigatory project on diffraction (activity 5) –. It was conducted by Prof. Sahu. The workshop ended with a session on 'action planning' in which the participants were stimulated to make an action plan for adopting RBPT as a pedagogical tool for teaching physics concepts. The workshop officially ended with a valedictory program. The feedback session was very encouraging. The 2 day workshop ended with certificates and photographs.

Photographs:





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Report on “Workshop on Computational Physics”

Title:	Workshop on “Computational Physics”.
Date and year:	22 nd November, 2018
Venue:	Lower Auditorium
Resource person/s:	<ol style="list-style-type: none">1. Prof. P.K. Ahluwalia, Retired. Professor, Department of Physics, Himachal Pradesh University2. Sarmistha Sahu, Coordinator, Ammanni Anveshika , Retired. Professor, Maharani Lakshmi Ammanni College, Bangalore
Organising Committee	Physics Department
No. of Participants	32
Objective:	<p>The workshop on ‘Computational Physics’ is aimed at introduction to computation and exploring computation with spreadsheets for learning physics concepts. In this workshop, participants will try hands on new problems on laptops themselves</p> <ol style="list-style-type: none">1. To introduce participants to computation and exploring computation with spreadsheets for learning Physics concepts.2. To facilitate participants to try hands on new problems on laptops themselves.
Summary of the proceedings	<p>The workshop began with an welcome address and introductory remarks by coordinator of the workshop Mr. Yatin P. Desai. The first session was conducted by Prof. Ahluwalia on computational Physics. He highlighted how doing science has improved after the advent of this classic software. He made familiar to students all the features of the this graphing package. He emphasized that this just not the graphing tool but features</p>

calculations, pivot tables, and a macro programming language called Visual Basic for Applications. He illustrated the use spreadsheets to enhance Physics learning. The second session was conducted by Dr. Sarmistha Sahu on 'Hands-on' working with spread sheet for harmonic potential and illustrated how the plot deviates for anharmonic potentials. Student participants were made to work by themselves on this problem. They were monitored and guided by resource persons and the faculty of Physics Department. In the next seesion Prof. Ahluwalia conducted the case studies using spreadsheets for various Physics problems. In the final session, Dr. Sarmistha Sahu explained the beauty of quantum harmonic oscillator using computational approach. At the end of the workshop, Prof. Ahluwalia and Dr. Sarmistha Sahu thanked the Management, Principal and organizing team of the workshop for the hospitality and giving them the opportunity to conduct this workshop.

Photographs:







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Report on “Workshop on Petrology”

Title: Workshop on Petrology

Date and year: 04 December 2018 to 08 December 2018

Venue: Department of Geology

Resource person/s: Dr HM Ramachandra, Retired Director, Geological Survey of India, Bengaluru Dr S Viladkar, Director (Hon), Carbonatite Research Centre, Gujarat

No. of Participants 30

Objective:

1. Understanding microstructures and microtextures in deformational context.
2. Carry out geological field studies
3. Interpreting geochemical analysis
4. Understanding volcanology
5. Collection of active volcano samples
6. Introducing carbonatites



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Report of Talk on “How to Learn & Remember Periodic Table”

Title: Talk on “How to Learn & Remember Periodic Table”

Date and year: 13th December 2019

Venue: Parvatibai Chowgule College of Arts and Science, Autonomous Upper auditorium

Resource person/s: Prof S. P. Kamat Organising Committee Ms. Padmini C. Raiker

No. of Participants: 104 (UG students: 97 & staff members: 07)

Objective:

1. The periodic table is important because it is organized to provide a great deal of information about elements and how they relate to one another in one easy-to-use reference. The table can be used to predict the properties of elements, even those that have not yet been discovered.
2. So in this regard a talk was organized on the said topic so that the students learn to remember the periodic table.

Summary and proceedings

The speaker enlightened the students on the importance of periodic table in chemistry i.e. the most important unifying principle in describing the chemistry of the elements is that the systematic increase in atomic number and the orderly filling of atomic orbitals lead to periodic trends in atomic properties. The speaker also spoke about the recent advancements in chemistry e.g. discovery of new allotrope of carbon (polyynes).



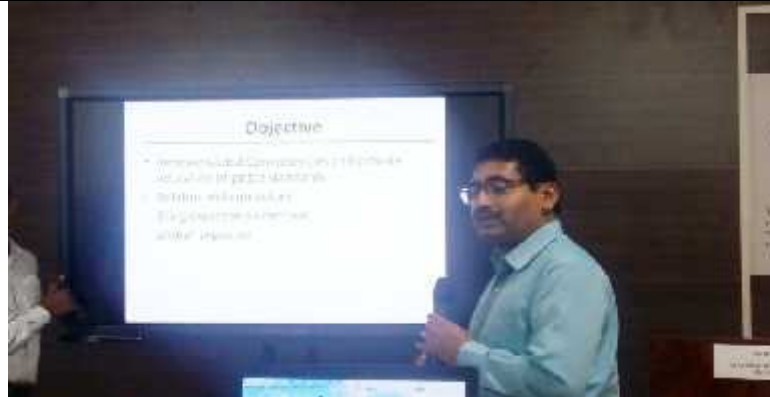


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REPORT
NATIONAL SEMINAR ON “BEST PRACTICES IN HIGHER
EDUCATION INSTITUTES”

Title:	SEMINAR ON ““BEST PRACTICES IN HIGHER EDUCATION INSTITUTES”
Date and year:	20 th December 2018.
Venue:	CTL –AV room
Resource person/s:	Panel of 07 members
Organising Committee	IQAC -PCCAS
No. of Participants	45 faculty members from colleges
Objective:	To share the best practices of various Colleges in the country
Summary of the proceedings	<p>The IQAC of the college organised a National Seminar to Share best practices in various criterion of NAAC. The seminar was organised to permit the MoU linked colleges with Parvatibai Chowgule College.</p> <p>Best practices shared were as follows:</p> <ol style="list-style-type: none">1) Global Outlook - College2) Teaching-Learning3) Community outreach4) Research5) Green campus initiatives



Dr. Nandkumar Sawant, Principal, Presenting best practices on 'Global outlook'



Mr. Andrew Barreto, Presenting Best practices in Teaching-Learning



Dr. Monica Kannan, Presenting Best Practices in Community activities



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REPORT
WORKSHOP ON 'PROBLEM BASED LEARNING' AS
EFFECTIVE TEACHING LEARNING TOOL
FOR FACULTY OF LIFE SCIENCES
(Biotechnology, Biochemistry, Botany, & Zoology)

Title:	Workshop on 'Problem Based Learning' as Effective Teaching Learning Tool
Date and year:	20 th December 2018
Venue:	AV Room of CTL
Resource person/s:	Dr. Nandini Vaz Fernandes
Organising Committee	Dr. Nandini Vaz Fernandes Dean, Faculty of Life Science, <i>Assistance & Logistic Support by: Executive Assistant, Ms. Bhavana Sawardekar</i>
No. of Participants	15
Objective:	To empower teachers with innovative teaching-learning pedagogies
Summary of the proceedings	The Dean of life science, Dr. Nandini Vaz Fernandes conducted workshop for faculty members of Life sciences on "Problem based learning as teaching-learning-evaluation tool" on 20th December 2018. Problem-based learning (PBL) is a student-centered pedagogy in which students learn about a subject through the experience of solving an open-ended problem found in trigger material. The PBL process does not focus on problem solving with a defined solution, but it allows for the development of other desirable skills and attributes. This includes knowledge acquisition, enhanced group collaboration and communication. The faculty members were explained the steps and pedagogy of problem Based learning (PBL). Handout on the process and execution of PBL was given to all participants.
Photographs of Workshop	



Dr.Nandini addressing the faculty of Life Science



Participants of the 'Problem Based Learning' workshop held on 20th Dec 2018.

Dated:

Report prepared by Ms. Bhavana Sawardekar

Approved by Dr. Nandini Vaz Fernandes



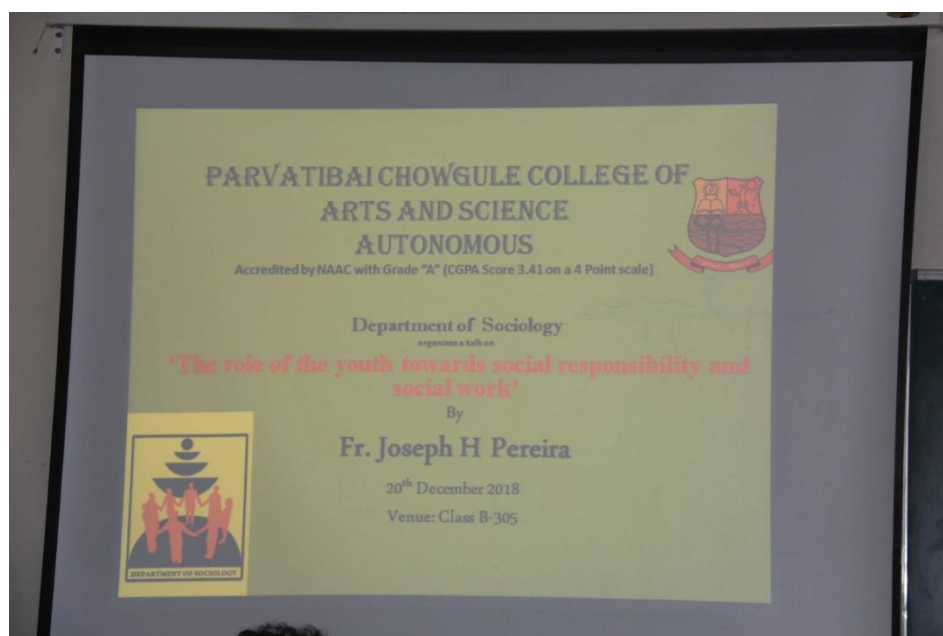
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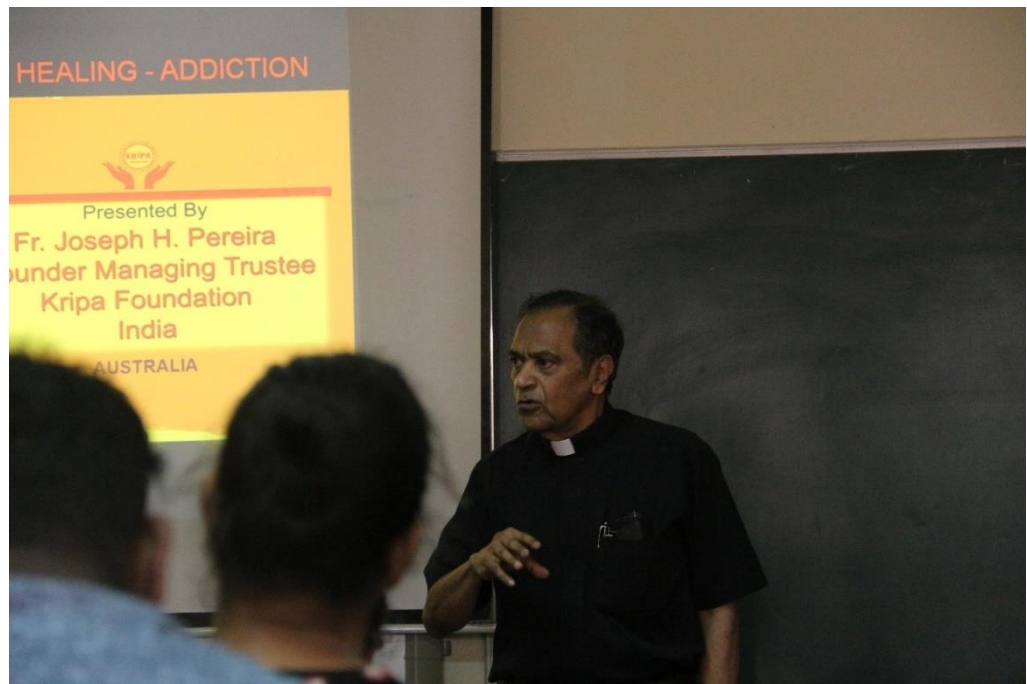
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Report on "Lecture on the role of the youth towards social responsibility and social work"

Title:	The role of the youth towards social responsibility and social work
Date and year:	20th December 2018
Venue:	Class room B-303
Resource person/s:	Fr. Joseph H Pereira-founder member of Kripa foundation and Padmashree Awardee
No. of Participants	80
Objective:	<ol style="list-style-type: none">1. Understand the role of youth towards social responsibility2. To know the causes and challenges of patients of addiction3. To understand the treatment for addiction

Photographs







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Best affiliated College-Goa University Silver Jubilee Year Award

REPORT OF 'INDUSTRY ACADEMIA LECTURE SERIES AND INTERACTION'

Title:	Industry Academia Lecture Series and Interaction
Date and year:	7 th January 2019
Venue:	L- Auditorium, ParvatibaiChowgule College of Arts and Science
Resource person/s:	Mr. Nirmal Kulkarni and Mr. Peter Lobo, Field biologist (Ecotourism)
Organising Committee	Department Of Zoology
No. of Participants	98
Objective:	To acquaint the students with wildlife and ecotourism
Summary of the proceedings	The Department organized industry-academia lecture series and interaction on 07th January, 2019. The theme for the lecture series was on Wildlife and Ecotourism. This was in order to acquaint the students about recent scenario on wildlife and provide an insight on the ecotourism as a career option. The speakers invited were Mr. Nirmal Kulkarni, Chairman, Mhadei Research Center, Chorla Ghats and Mr. Peter Lobo, Field biologist (Ecotourism).



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Lecture 1:

Mr. Nirmal Kulkarni, Chairman, Mhadei Research Center, spoke on "Journey of Herpatologist in India – From snakes wrangling to conservation science". He shared his experience as a wildlife biologist and how his dedicated involvement in research led to his contribution of 06 new species of amphibians in Goa.

Lecture 2:

Mr. Peter Lobo, Field biologist (Ecotourism), spoke on impact of Bird-watching tourism in North East, India. He informed about the biodiversity richness of North East India and shared his journey of being a part of ecotourism. He added, the different species of birds found, their habitat preference and IUCN status.

Lecture 3

Ms. Catherine Pradhan Lobo, shared her experience on how she initiated Ecotourism company in Northeast India with the involvement of the local villagers. She encouraged and motivated the students on how the ecotourism can be an innovative career option and can indirectly help in conserving the biodiversity of a particular area.

Photographs





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FACULTY TRAINING WORKSHOP
ON
'INTRODUCTION TO FLIPPED CLASSROOM'

Date: 09th January 2019.

Venue: AV Room/ Centre for Teaching Learning

Time: 2.00 – 5.00 pm.

Organised by: Dean, Faculty of Life Science, Dr. Nandini Vaz Fernandes

Logistic Support by: Ms. Bhavana Sawardekar

No. of Participants: 18

Resource Persons:

- 1) Mr. Andrew Barreto, Assistant Professor in English.
- 2) Ms. Madhavi Motankar, Assistant Professor in Biotechnology.

Brief writeup:

This train the trainer workshop enlightened the faculty members to evolve in their teaching methodologies by adopting new innovative ways of teaching students by using an interactive and with more involvement of the students in understanding the concepts introduced to them by adopting various modes of methodologies.

They are as follows:

1. Round Robbin
2. Gallery walk
3. Team Pair Solo / Think Pair show(TPS)
4. In-flip
5. Reciprocal
6. Three step Interview
7. One Stray Method

Two main hands on activities were taken up wherein teachers were asked to practically experience the above sessions.

Dr. Nandini Vaz Fernandes, Dean, Faculty of Life Sciences concluded the workshop with a Thank you note.

Dr. Nandini Vaz Fernandes
Dean, Faculty of Life Sciences

Photographs



Dr. Nandini V. Fernandes addressing to the life science faculty at the workshop on 'Introduction to Flipped Classroom'



Resource Persons: Mr. Andrew Barreto and Ms. Madhavi Motankar speaking to the faculty members at the workshop on 'Introduction to Flipped Classroom'



Faculties attending at the workshop on 'Introduction to Flipped Classroom'



Each group of faculty members undergoing the hands on experience of Round Robin and Resource persons monitoring the groups at the workshop on 'Introduction to Flipped Classroom'



Each group of faculty members undergoing the hands on experience of Think-pair-show in the groups at the workshop on 'Introduction to Flipped Classroom'



Life Science faculty members along with their Dean and resource persons are posing for a group photograph at the faculty development workshop on 'Introduction to Flipped Classroom'



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<u>REPORT OF ' NATIONAL CONFERENCE "WETLAND CONSERVATION: APPROACHES AND THREATS"</u>	
Title:	National Conference "WETLAND CONSERVATION: APPROACHES AND THREATS"
Date and year:	2 nd February 2019
Venue:	ParvatibaiChowgule College
Resource person/s:	Dr. Pradip Sarmokadam Dr. Manoj Borkar Dr. Roy Pereira Dr. A Untawale Prof. G N Nayak
Organising Committee	Department Of Zoology
No. of Participants	112
Objective:	To promote and provide opportunities to researchers to present their findings.
Summary of the proceedings	<p>The 'Department of Zoology' in association with 'Mangrove Society of India, Goa Branch' and 'Goa State Wetland Authority' organized a National Conference on '<i>Wetland Conservation: Approaches And Threats</i>' on 2nd February 2019.</p> <p>The conference on 'Wetland conservation: Approaches and threats' was organized with the objective of creating awareness on the importance of wetland ecosystem, the conservation laws, strategies of conservation and potential threats which exists for wetlands in India. 112 Delegates from different parts of the country participated and presented their research findings in the conference.</p> <p>The conference was attended by 112 delegates. This conference gave opportunity to 22 researchers from various disciplines to present their findings and interact with experts in these areas. Delegates from different parts of the country participated and presented their research findings in</p>

the conference.

The conference also showcased an exhibition of Drones and had a demonstration of use of drones which can enhance wetland research.

The conference also had a panel discussion to gather opinion of eminent scientists on destruction of wetland ecosystems, Potential threats and Conservation strategies for wetlands.

Research Poster presentation and Oral presentation was conducted for the researchers.

Best research Papers:

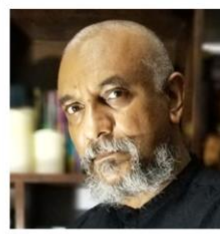
1. Fernandes NV, Ravindran J, Rajadhyaksha R, Coutinho T, Fernandes R and Asolkar Y(2019). Water Quality and Impact on Human Health: Study of Kidney Disorders in Canacona Taluka. Paper presented at National conference on 'Wetland conservation: Approaches and Threats, 2nd Feb 2019 at Parvatibai Chowgule college. Awarded first place for the best paper prize.
2. Tessa Vaz, Kartik Redkar, Dhruvi Raiker, Saurav Sattarker, Allin Fernandes (2019), Assessment of water quality of river Sal- Won Third place.
3. Andrea D'Souza, Mikhail R Fernandes, Saili Naik, Kriysella Pereira, Simran Honnavarker, Pavan Navelkar (2019). Study of Odonates in Borim.
4. Gautami Manakikar, Nisha Shaky, Leander Baretto, Mercy Fernandes, Royd Fernandes, Daze Crdozo (2019). Evaluation of water quality in lakes of Curtorim.
5. Stephen Dias, Sonia Morajkar, Swati Gaonkar, Santosh Totad, Shahina Shaikh & Gautami Sawant (2019). An Assessment of Habitat Selection of Smooth Coated Otters in the Mandovi and Zuari river systems of Goa.

Photographs





11.10 - 11.40am
DR. PRADIP SARMOKADAM,
 Member Secretary, Goa State
 Biodiversity Board,
 Head - Goa State Wetland
 Authority.
 Session: "Wetland Rules 2017
 and its understanding in Goan
 Context".



12.10 - 12.40pm
DR. MANOJ BORKAR.
 Chairman Biodiversity
 Research Cell Carmel
 College.
 Session: Community
 engagement and
 Incentivisation for
 Conservation of
 Wetlands.

**NATIONAL CONFERENCE
 ON
 'WETLAND CONSERVATION:
 APPROACHES AND THREATS'
 2ND FEBRUARY 2019**

**KEYNOTE ADDRESS:
 DR. ARVIND UNTAWALE**



**PLENARY
 SESSIONS**



12.40 - 1.10pm
DR. FR. ROY PEREIRA.
 Vice Principal, St.
 Xavier College
 Mumbai.
 Session: Conservation
 Behaviour



11.40 - 12.10pm
PROF. DR. G.N NAYAK,
 Professor Marine
 Science, Goa University,
 Member - Goa State
 Wetland Authority.
 Session: Wetlands and
 their conservation.

Chief Guest Dr. Pradip Sarmokadam, head nodal office Goa state wetland Authority and Key note speaker Dr. Arvind Untawale, Mangrove Society of India



Plenary Speaker Prof. GN Nayak, delivering his lecture at the conference.



Exhibition / demonstration of use of drones which can enhance wetland research.



Panel discussion to gather opinion of eminent scientists on destruction of wetland ecosystems, Potential threats and Conservation strategies for wetlands.





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Report on “Short Term Course in Basics in Remote Sensing and GIS” for the students of PES College Ponda, Goa, organized under DBT Star College Scheme

Title: Short Term Course in Basics in Remote Sensing and GIS for the students of PES College Ponda, Goa, organized under DBT Star College Scheme

Date and year: 17th & 18th February 2019

Venue: Parvatibai Chowgule College, Margao, Goa

PES College, Ponda, Goa

Resource person/s: Mr. Venkatesh Prabhu Gaonkar

No. of Participants 34

Brief about programme

GIS training programme for Community (neighbouring college) under DBT Star College Scheme. The programme included training of students in GIS and Remote Sensing. The training included some sessions at PES College Farmagudi and few sessions at labs of department of Geography and research center of Chowgule College.

- Participants : Staff and student
- Number of Participants :28 student
- No of faculty Benefited : 6

Resource Person: Mr. VenkateshPrabhugaonkar

Assistant Professor

Department of Geography and Research Center

Parvatibai Chowgule College

Topic Covered

Day 1 at PES College campus

- i. Fundamentals of Remote sensing
- ii. Fundamentals of Geographical Information System
- iii. Fundamentals of Global positioning System

Day 2 Hands on training at Chowgule College

- i. Basic image processing
- ii. raster and vector data processing in GIS
- iii. field application of GPS



Staff and students of P E S College, Farmagudi



Student Attending Hands on Training in RS and GIS in GIS Labs (A309) of Chowgule College



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Report on “National Interdisciplinary Conference on Women Empowerment and Society in India (With Special Reference to Goa): Prospects and Challenges.”

Title: National Interdisciplinary Conference on Women Empowerment and Society in India (With Special Reference to Goa): Prospects and Challenges.

Date: 22nd & 23rd February 2019

National Interdisciplinary Conference on ‘**Women Empowerment and Society in India (With Special Reference to Goa): Prospects and Challenges**’, funded by ICSSR, New Delhi, collaboratively organized with Department of Sociology, Parvatibai Chowgule College, Margao, Goa, 22nd & 23rd February 2019. Adv. Shubhalaxmi Naik, Chairperson, Goa State Commission for Women, Panaji, was the Chief Guest for Inaugural Function and the Key Note Speaker. D. Anagha Bicholcar (Assistant Professor & Head) was the Convener of the event.



REPORT ON THE PRIZE DISTRIBUTION CEREMONY FOR RESEARCH PAPER PRESENTATION

PRERNA DIWAS.

Deans announcing the awardees along with their note on the event.	Awards handed over by Principal and Vice Principal to			
	Departments	Awardees	Poster Title	Rank
Dr. Sameena Falleiro, Dean, Faculty of Physical and Earth Sciences Total poster presented: 24 Total student attendees: 110	Geology	Akash Mokul	Geophysical survey and setting up a rainwater harvesting system for Pravatibai Chowgule College	I.
		Darius Dias		
		David Fernandes		
		Sakshi Shegan Raikar		
	Physics	Sneha Modiyil	Synthesis, Characteristics and study of ferrite materials	II.
		Rishab Sathe		
		Sahil Jammwal		
		Shubham Chodankar		
	Chemistry	Vaishnavi Nair	Synthesis of 3, 4 - Dihydropyrimidin - 2 (1H)	III.
		Sevina D'Souza		
		Shruti Talpankar		
		Saish Naik		
		Noel Dias		
Dr. Nandini Vaz Fernandes, Dean, Faculty of Life Sciences Total poster presented: 16 Total student attendees: 74	Zoology	Reuben Rajadhyaksha	Etiology of Impaired renal function in Canacona taluka	I.
		Tyween J Coutinho		
		Jishnu Ravindran		
		Rochell Fernandes		
		Yashashree Asolkar		
	Biotechnology	Vismitha G	Solution to Pollution through Biotechnology	II.
		Conchita Mascarenhas		
		Maville Cardozo		
		Myron Rebello		
		Palifa Dias		
	Botany	Richa Komarpant	Morphological and Physiological studies of vegetable plants grown in soil and soilless culture.	III.
		Jennis Simoes		
		Tanvi Raut Dessai		
		Sunita Sharma		
Dr. Debasish Majumdar, Dean, Faculty of Social Science Total poster presented: 26 Total student attendees: 91	Economics	Naveen Hari	Interface between technology and labour absorption: A study on Indian Manufacturing industry	I.
	Economics	Swara Naik	Saving and investment behaviour of Goans: A case study in Margao	II.
		Subhash Bhandare		
	Sociology	Pratamesh Chari	Youth life world colonised? A case study in Margao	III.
		Rizvon Fernandes		
		Celeste Fernandes		
		Valeska Gracias		
Dr. Hanumant Chopdekar, Dean, Faculty of Languages and Literature Total poster presented: 15 Total student attendees: 45	English	S C Jashmi	Mario Miranda Goa: An analysis of his selected work	I.
	English	Alyssa Martins	Her story: exploring role of women in Goan Konakni Films	II.
	Konkani	Zenaida Fernandes	Portuguese bass ani sanskrutaiyecho konkanicher padillo prabhav	III.
		Rachel D'Souza		
		Rajat Hegde		
		Namita Naik		
		Shreya Gaude		
		Sampat Raikar		

PHOTOGRAPHS



Dean, Faculty of Life Sciences



Dean, Faculty of Physical and Earth Sciences



Dean, Faculty of Social Sciences



Dean, Faculty of Languages and Literature



*Principal giving Concluding
note*



