

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)

2017-2018

Sr. No.	Name of the workshop/ seminar
1	ESD: Soft Skills: Critical thinking, lateral thinking, Problem based learning
2	ESD- Guest Lecture on "Social Problems and Interventions in Goa
3	ESD-Internship benefits & opportunities
4	RM-GBCN-E-Birding, bird surveying and conservation means
5	ESD- Birds of Goa and their habitat
6	ESD-Birding and Birding etiquettes
7	ESD-Guest Lecture on 'Menstrual Exclusion: A Sociological Discussion
8	ESD-TECHWEEK2017
9	RM-Workshop on Biodiversity and Biofouling
10	RM-Recent Trends in Aquatic Research
11	ESD-Microbiology of Kongsfjorden Arctic
12	ESD- Exposure to Fish Processing Techniques
13	RM-State level workshop on Identification of Butterflies
14	RM- How to Formulate Good Research Proposal
15	RM-Workshop on Numerical techniques and Python programming
16	IPR-Workshop on "Research Publication Data Management(ORCID)
17	IPR-Workshop on "Research Publication Data Management(Researcher-ID)
18	ESD-Seminar on, 'Globalization, Finance Capital and Markets: Impact on India'
19	ESD-Workshop on "When Does It Hurt? Justice, Difference and Inclusion?"
20	RM-Guest talk on the topic "The Scope Of Research In Social Sciences
21	RM-Workshop on Create your own map
22	ESD-One Day State Level Workshop on the topic "Konkani Shuddhalekhan ani Konkani Adhyapan"
23	RM- Workshop on 'Introduction to Qualitative Methods
24	ESD-Culinary Workshop
25	IPR-Plagiarism in Academic writing
26	RM-Research Funding Bodies
27	ESD-Workshop on Python Programming

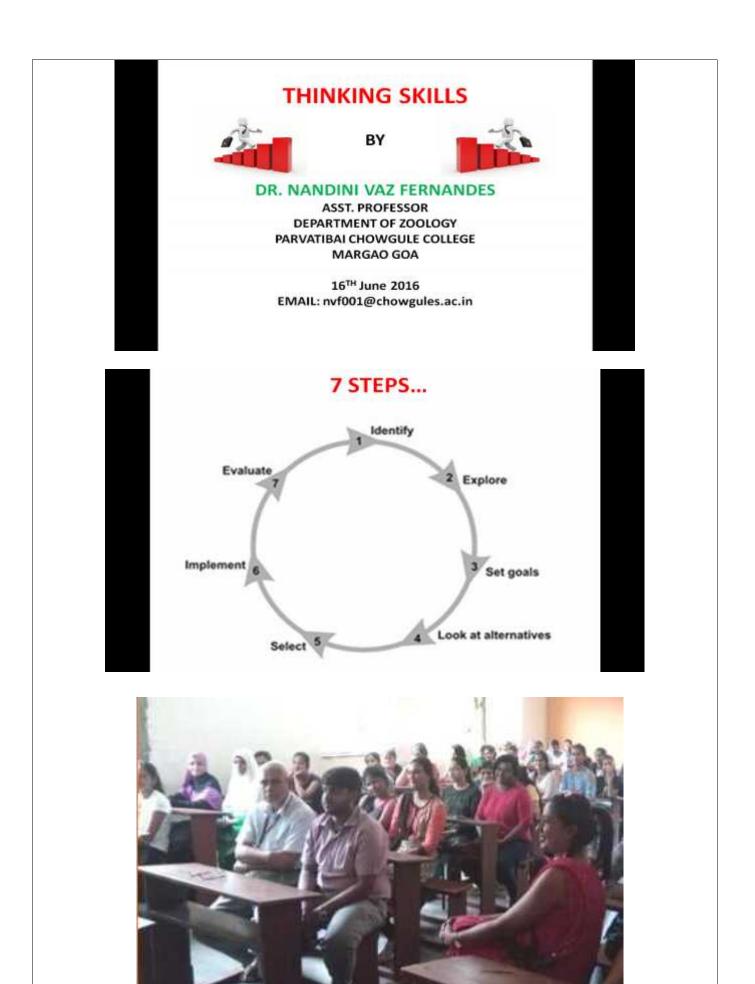


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<u>REPORT OF 'SOFT SKILL PROGRAM'-</u> <u>DEPARTMENT OF ZOOLOGY</u>

	DEPARTMENT OF ZOOLOGY	
Title:	Orientation on Thinking Skills	
Date and year:	17/06/2017	
Venue:	A-202,ParvatibaiChowgule College of Arts and Science	
Resource person/s:	Dr. Nandini Vaz Fernandes	
Organising Committee	Department of Zoology	
No. of Participants	35	
Objective:	To acquaint students with the department culture, modes of assessment and the activity planned for the academic year.	
Summary of the proceedings	The department of zoology conducted session on soft skills for the students of FYBSc. The students were first oriented on various issues viz examination pattern, theory and practical assessment modes, activities planned for the year 2015-16 and departmental events, delegation of responsibilities for campus activities, usage of CLAAP, etc. The FYBSc students were also given sessions on 'Problem Solving skills' and 'Thinking skills. The sessions conducted by Dr. Nandini Vaz Fernandes. Soft Skills: 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. 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.	





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Report on "Lecture on Social Problems and Interventions in Goa"

Title:	Social Problems and Interventions in Goa
Date and year:	on 27th July, 2017
Venue:	Lower Auditorium
Resource person/s:	Ms. Juliana Lohar (Coordinator - ARZ Goa).
No. of Participants	60
Objective:	 Understand the nature and causes of Social Problems in Goa Knowing Mechanisms to deal with it





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Report on "Lecture on Internship benefits & opportunities"

Title:	Internship benefits & opportunities
Date and year:	3 rd Aug 2017
Venue:	F103
Resource person/s:	Mrs. Neeta Dhopeshwarker, Assistant Professor
No. of Participants	25
Objective:	To help students to understand the importance and relevance of internship module included in the curriculum
Summary of the proceedings	Mrs. Neeta Dhopeshwarker, Assistant Professor conducted this workshop for students of F. Y. B. Sc. computer science and F. Y. B. Sc. to brief them about importance and relevance of internship module included in the curriculum





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Title:	Lecture Series
Date and year:	21/07/2017
Venue:	Parvatabai Chowgule College of Arts & Science
Resource person/s:	Mr. Parag Ragnekar, Mr. Mangirish Dharwadkar and Dr. Nandini Vaz Fernandes
No. of Participants	70
Objective:	To acquaint the students with the rich diversity of birds in Goa and the importance of bird research
Summary of the proceedings	The students were exposed to a wide variety of flora and fauna. The following is a sample of organisms that were recorded in the sanctuary Mr. Parag Ragnekar (president of GSBN) applauded the college for having a 'Birders Club'. He delivered a lecture on the activities of GSBN and also stressed on importance of bird research and conservation. Mr. MangirishDharwadkar (Forest Department, Wildlife and Ecotourism wing (North) division of Goa) spoke on bird identification and birds of Goa. Dr. Nandini, spoke on 'Birding and Birding etiquettes', emphasizing on the techniques used in bird identification.
Photographs	MR. PARAG RANGNEKAR FOUNDER GSBN



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Report on "Lecture on Menstrual Exclusion"

Title:	Menstrual Exclusion: A Sociological Discussion
Date and year:	07th August, 2017
Venue:	Lower Auditorium
Resource person/s:	Ms. Anwesha Singbal
No. of Participants	57
Objective:	 To know the social perspective in the construction of menstrual exclusion. To know the issues and challenges faced by women. To understand the ways in dealing with the same.





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Report on "TECHWEEK 2017"

Title:	TECHWEEK 2017
Date and year:	7 th Aug 2017 to 12 th Aug 2017
Venue:	Upper Auditorium, Parvatibai Chowgule College of Arts & Science
Resource person/s:	Mr. Sedrick Pires, Numadic Technology, Goa, Mr. Viraj Ajgaonkar Numino Labs Pvt Ltd,Pune, Mr. Vaibhav Nagvekar and Mr. Royston Fernandes, Pune
No. of Participants	150
Objective:	The series of 'Hands on Workshops' was aimed at sharing the knowledge about new and trending softwares in the evolving world of Information Technology.
Summary of	NA

Summary of the proceedings Photographs







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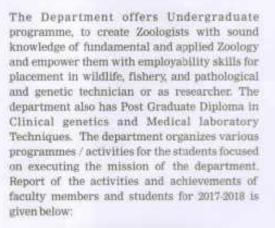
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Title:	Seminar – Recent Trends in Aquatic Research
Date and year:	21/08/2017
Venue:	Parvatibai Chowgule College of Arts & Science
Resource person/s:	Dr. BabanIngole (Chief Scientist, NIO) and Dr. Anand Jain (Project Scientist. NCAOR)
No. of Participants	35
Objective:	To introduce the concept of biofouling and microbiology of Kongsfjorden Arctic
Summary of the proceedings	 Dr. Baban Ingole is the Chief Scientist, Prof. and Head of Biological Oceanography Division of National Institute of Oceanography (NIO). He delivered a lecture on biofouling and its impact on the marine ecosystem. Dr. Anand Jain is a Project Scientist at National Centre for Antarctic and Ocean Research (NCAOR) headland, Sada, Vasco. He enlightened the students on the microbiology of Kongsfjorden Arctic and future prospects of research in the field. Biofouling of industrial water systems is a problem of considerable technoeconomic significance. Biofouling is described as undesirable deposition of micro- and macroorganisms on industrial cooling equipment, resulting in operational failures such as clogging of water flow in the cooling water conduits and condenser tubes; reducing heat transfer efficiency, and accelerating pipeline corrosion. To understand the phenomenon of biofouling, it is required to know about microbial biofilm development and in succession of macrofoulants settlement. The antifouling measures adopted to control biofouling depend on the type of cooling system and fouling organisms. In this chapter the author describes briefly the types of cooling systems, elaborates the steps in biofilm formation, defines biofouling, highlights the fouling problems in a coastal power plant, and finally describes the use of chlorine in biofouling control.

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DEPARTMENT OF ZOOLOGY



I. RESULTS OF THE YEAR 2016-17:

The Zoology department secured 100 percent results, which has been a trend for the past several years. Of the 20 students, 07 secured distinction, 10 first class, 01 second class and 02 secured pass classes. The topper in the class was Ms. Rosmy Rodrigues with score of 75 percent.

II. ACTIVITIES ORGANIZED:

- T.Y.B.Sc. project findings presentation: The event was organized on 15° July 2017, for the current TY zoology students to gain an insight into the current research carried out by the department of zoology. Initiated by Dr. Socorrhina, the department organized an event where 2016-17 batches of students presented their research project findings to the 2017-18 batch of T.Y.B.Sc. students.
- Guest Lectures: The department organized Guest Lectures on 21st August, 2017. The theme of the lectures was

"Recent Trends in Aquatic Research". The Speakers were Dr. Baban Ingole (Chief Scientist) Prof. and Head of Biological Oceanography Division of National Institute of Oceanography (NIO) and Dr. Anand Jain, Project Scientist National Centre for Antarctic and Ocean Research (NCAOR) headland Sada Vasco. Dr. Ingole spoke on "Biodiversity and Biofouling" while Dr. Anand Jain spoke on "Microbiology of kongsfjorden Arctic".

 Chowgule's Birders Club (CBC) Activities:

> Dr. Nandini Vaz Fernandes coordinator of the Chowgule's Birders Club organized the following activities for 2017-2018. The student coordinator was Reuben Rahjadakshya.

- Lecture series: 'Chowgule's Birders Club' 21 (CBC) organized 'Lecture Series' on 'Birding and Bird Conservation' on 21st July 2017. The chief guest of the function was Mr. Parag Rangnekar, president of GSBN who applauded the college for having a 'Birders Club'. He delivered a lecture on the activities of GSBN and also stressed on importance of bird research and conservation. Mr. Mangirish Dharwadkar, from Forest Department, Wildlife and Ecotourism wing (North) division of Goa spoke on bird identification and birds of Goa. Dr. Nandini, spoke on 'Birding and Birding etiquettes', emphasizing on the techniques used in bird identification.
- 2. Bird walk at Barim: The CBC conducted Birdwalk at Borim on 9th august 2017. Preliminary survey of the birds at Borim was conducted by Reuben and Dheeraj. A total of 22 species of birds were observed. The most remarkable sighting was of the collared kingfisher and the night beron.
- 3. Bird walk for Swedish Delegates: CBC

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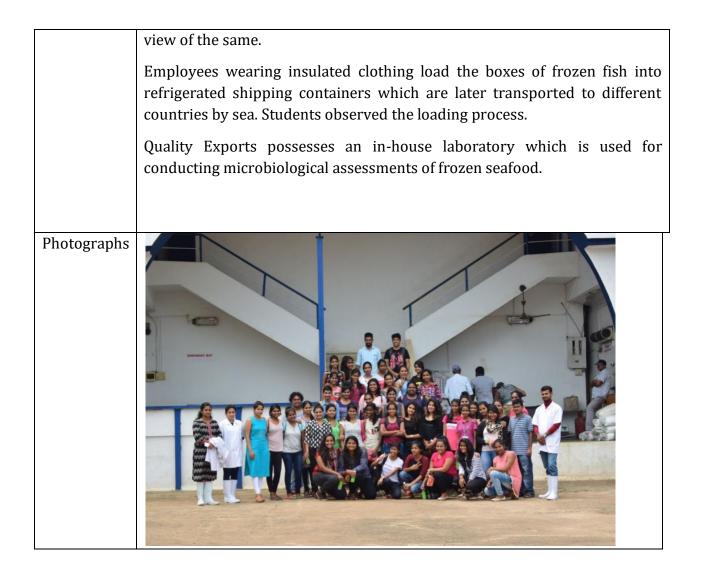




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Title:	Trip to Fish Processing Industry for T.Y.B.Sc students
Date and year:	09/09/2017
Venue:	Fish packaging unit 'Quality Exports' at Cuncolim, Goa
No. of Participants	55
Objective:	To acquaint the students with the process of fish preservation and packaging.
Summary of the proceedings	The students were shown various processes involved in fish processing and preservation like preparation of raw materials needed for processing and packaging of the final product in a sanitary and hygienic environment. Quality Exporters processes and exports fish. Quality Exports uses different types of refrigerators and containers to store and process fish at different temperatures. The main purpose of the field trip was to expose the students to the various techniques of fish preservation, processing and export. Quality Exports is a fish processing plant owned and managed by Mr. Ibrahim Maulana. It exports a wide variety of fish such as mackerel, ribbon fish, kingfish, shrimp, cuttle fish, squids and other types of sea food to countries such as China and other parts of South East Asia. An employee of the company explained that the first step in fish processing is to preserve the fish as soon as possible in order to maintain its nutritional value, consumption quality and shelf life. Quality Exports uses the refrigeration and freezing technique of preserving
	fish. Students were acquainted with the area where the fish is first washed, segregated into cartons by weight and then stored in freezers. Several employees organized into assembly lines carry out this process in a hygienic manner.
	In order to prevent the fish from losing its freshness, it is stored in freezers having temperatures set to -180C and -400C. Students were also given a



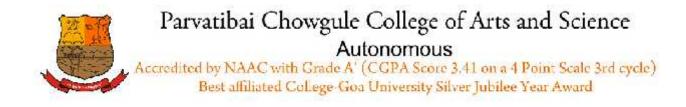


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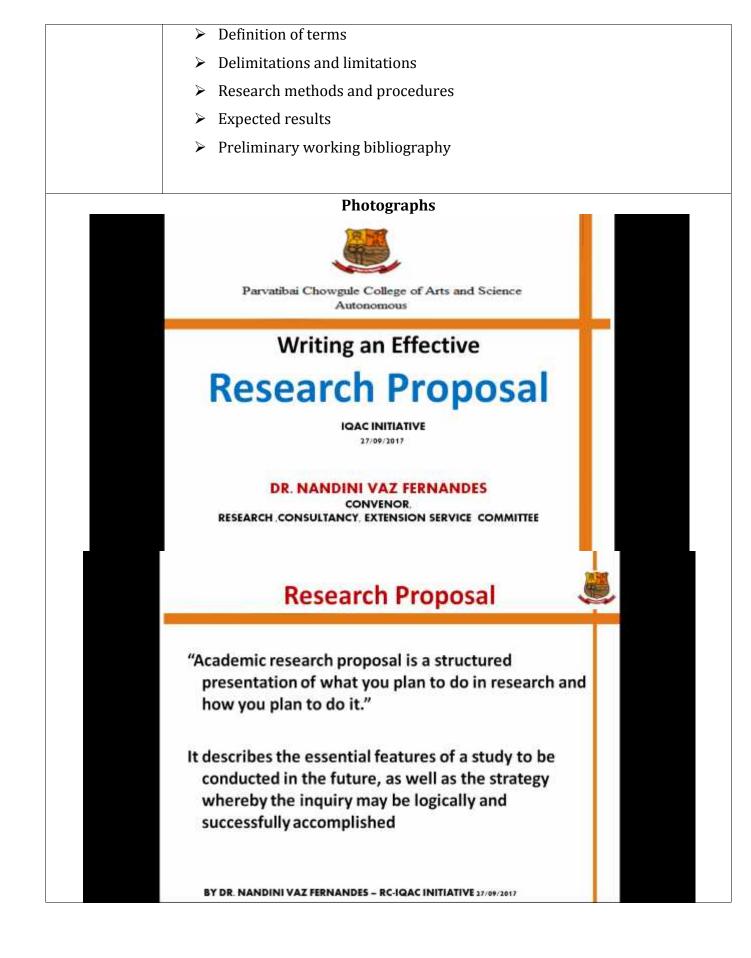
Title:	State level Workshop: Butterfly Identification
Date and year:	25/09/2017
Venue:	Parvatibai Chowgule College of Arts & Science
Resource	Mr. Parag Ragnekar, Mr. Yashodan Heblekar and Mr. Dheeraj Halali
person/s:	
No. of	90
Participants	
Objective:	To emphasize the importance, conservation and evolutionary
	significance of butterfly population.
Summary of the proceedings	Mr. Parag spoke on 'Understanding Butterflies'. Mr. Yashodan enlightened the students on conservation of butterflies. Mr. Dheeraj Halali spoke about the 'Evolutionary significance of Butterfly Color Patterns- Anti Predatory Strategies'.
	There are many reasons why butterflies and moths are important, both in their own right but also as quality of life indicators. Butterflies and moths are intrinsically valuable and are worthy of conservation in their own right.Butterflies and moths are part of Life on Earth and an important component of its rich biodiversity.They have been around for at least 50 million years and probably first evolved some 150 million years ago.Butterflies and moths are a highly diverse group comprising over 250,000 species and make up around one quarter of all named species.Butterflies are flagship species for conservation in general, and in particular for invertebrates.
	Educational value
	 Butterflies and moths have fascinating life-cycles that are used in many countries to teach children about the natural world. The transformation from egg to caterpillar to chrysalis is one of the wonders of nature. Other educational aspects include the intricate wing patterns and iridescence, and as examples of insect migration.
	Scientific value

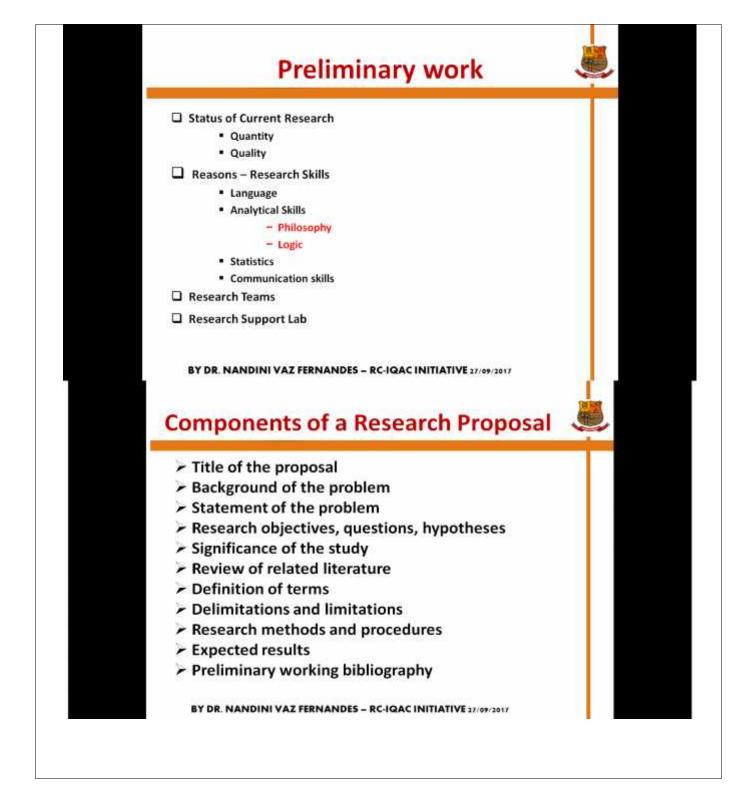
	 Butterflies (and moths to a lesser extent) are an extremely important group of 'model' organisms used, for centuries, to investigate many areas of biological research, including such diverse fields as navigation, pest control, embryology, mimicry, evolution, genetics, population dynamics and biodiversity conservation. The long history and popularity of butterfly study have provided a unique data resource on an insect group unmatched in geographical scale and timescale anywhere in the world. This has proved extremely important for scientific research on climate change. Butterflies and moths are indicators of a healthy environment and healthy ecosystems. They indicate a wide range of other invertebrates, which comprise over two-thirds of all species. Areas rich in butterflies and moths are rich in other invertebrates. These collectively provide a wide range of environmental benefits, including pollination and natural pest control. Moths and butterflies are an important element of the food chain and are prey for birds, bats and other insectivorous animals (for example, in Britain and Ireland, Blue Tits eat an estimated 50 billion moth caterpillars each year). Butterflies have been widely used by ecologists as model organisms to study the impact of habitat loss and fragmentation, and climate change.
Photographs	



RESEARCH COMMITTEE (PCCAS-RCEA) & IQAC

REPORT ON SEMINAR ON	
W TO FORMULATE GOOD RESEARCH PROPOSAL	
Seminar on "How to formulate good research proposal"	
27/09/2017	
Conference Room	
Dr. Nandini Vaz Fernandes	
Research, Consultancy and Extension Activity Committee (PCCAS-RCEA) and Internal Quality Assurance Cell (PCCAS-IQAC).	
21 Faculty members.	
To facilitate the process of writing research proposals effectively and encourage research funding on campus.	
As a policy to promote research on the campus, faculty members were exposed	
to techniques and know-hows of formulating Good Research proposals.	
Dr. Nandini Vaz Fernandes, deliberated on the structure and process of	
formulating a research proposal and explained the 'dos' and 'donts'. Various	
aspects of proposal described were as follows:	
 Title of the proposal Realizing of the problem 	
 Background of the problem Statement of the problem 	
 Statement of the problem Research objectives, questions, hypotheses 	
 Significance of the study 	
 Review of related literature 	







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Report on "Workshop on Numerical Techniques and Python Programming"

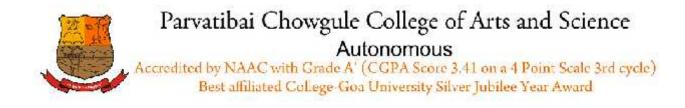
Title:	Workshop on Numerical Techniques and Python Programming					
Date and year:	4 th October 2017					
Venue:	Physics Department, Parvatibai Chowgule College of Arts and Science					
Resource	Mr. Rovan Vaz and Mr. Wenham Gray					
person/s:	43					
No. of Participants	42					
Objective:	The objective of the workshop was to introduce to the students the numerical techniques to solve Physics problems and to introduce Python programming language.					
Summary of the proceedings	Interdisciplinary workshop on "Numerical techniques and Python programming" was held on 4 th October 2017. The resource persons for the workshop were Mr. Rovan Vaz, Assistant Professor from Department of Mathematics (for Numerical Techniques) and Mr. Wendham Gray, Assistant Professor from Department of Computer science (for Python Programming). Morning session was devoted to learning the Numerical Methods required to find the approximate solutions to ordinary <i>differential</i> equations. Evening session was devoted to learning the basics of Python programming language such as syntax and concepts which included variables, conditionals and loops. Students learnt concepts and techniques which will be useful for higher studies, especially research in theoretical Physics. First year and second year students could use these techniques for third year project.					



Mr Rovan Vaz conducting theory session on numerical techniques

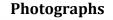


Mr Wendham Gray conducting practical session of Python programming



RESEARCH COMMITTEE (PCCAS-RCEA) & IQAC

	REPORT ON WORKSHOP
	ON RESEARCH DATA MANAGEMENT – ORCID
Title:	Workshop on "Research Publication Data Management(ORCID)
Date and year:	25/10/2017
Venue:	Auditorium
Resource person/s:	Dr. Nandini Vaz Fernandes
Organizing Committee	Research, Consultancy and Extension Activity Committee (PCCAS-RCEA) and Internal Quality Assurance Cell (PCCAS-IQAC).
No. of Participants	16 Faculty members.
Objective:	The Hands-on workshop was conducted to facilitate faculty members to :
	 Connect Achievements and Contributions on Global Registry" – Register with ORCID
Summary of the proceedings	The Research Committee and IQAC organized Hands-on Workshop " Research Data Management' for facilitating faculty to give a global platform to their research works. The workshop was held on 25 th October 2017 in the Auditorium. Dr. Nandini Vaz Fernandes, gave a introductory session on Research data management, followed by demonstration of how to upload data transfer on ORCID.
	The Faculty members we explained the procedure of registering for ORCID and the significance of doing the same.



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WORKSHOP – "RESEARCH PUBLICATION DATA MANAGEMENT"-ORCID 25th October 2017

BY

DR. NANDINI VAZ FERNANDES

PARVATIBAI CHOWGULE COLLEGE MARGAO GOA EMAIL:nvf001@chowgules.ac.in

ORCID – Glue for all your research services

- You can connect your ORCID account with websites including:
 - Web of Science
 - Figshare
 - ,Impactstory
 - Researcher ID etc.



 ORCID record will allow you to automatically import the same information to multiple places.

Dr. Nandini Vaz Fernandes, Parvatibai Chowgule College. 25-10-2017

How it will help you

- Over 1000 journals, (PLOS, Nature, and Elsevier etc) are using <u>ORCID for manuscript submission</u> systems.
- It can also aggregate author-level metrics for you.

 ORCID helps connects you with your professional affiliation and enables other institutions track your work.

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Chart of nutrition requirement according to age was given to each house.

- vi. Sanitary Hygiene (13/04/18): The program aimed to create awareness about the importance sanitary hygiene. A questionnaire was prepared and put forth to the women with an aim to understand the present scenario of the sanitary hygiene. The women were explained about care and hygienic practices during menstruation.
- vii. Garbage Segregation (13/04/18): The program aimed to create awareness about the importance garbage disposal and segregation. Methods of disposal of organic and inorganic wastes were explained.
- viii. Importance of Immunization (14/04/18): The community outreach activity aimed to collect information regarding the vaccines taken by children and to provide information with respect to importance of immunization. The students explained the parents the consequences of not receiving a vaccine and the long term complications associated. The checklist of the immunization chart was also provided.
- III. FACULTY ACHIEVEMENT:
- 1) Dr. Nandini Vaz Fernandes

As Resource Person:09

- 'Faculty Orientation Programme' conducted by the college for newly recruited Faculty members on 11th July 2017. She spoke on "Research Culture of Chowgule College".
- Lecture Series' on 'Birding and Bird Conservation' on 21st July 2017.

 Research Publication Data Management Two workshops were held on 25th October, 2017 and 07th November, for the faculty

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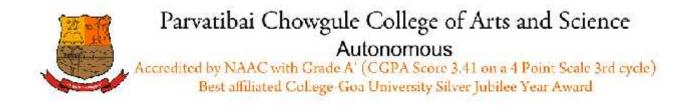
members of Chowgule College.

- Delivered series of lectures on: Chromosomal disorders, Genetic mutations, Prenatal Diagnosis and Newborn screening of disorders, for the UG and PG students of Biotechnology Gogate college, Ratnagari.
- "Problem Based learning as Teaching methodology" for Science teachers of Gogate Joglekar on 15" September 2017. Dr. Fernandes presented her findings on 'Mutiple Mode of teaching', Blooms Taxonomy and Problem based Learning.
- Spoke on Role of IQAC under autonomy' to Delegation from Annasaheb Dange College of Engineering and Technology, Sangli-Maharashtra who visited our college on 19th July 2017 to understand the functioning.
- As the chief guest for the workshop organized by Psychology department on 5th August 2017. Spoke on the need for preparing a good questionnaire for data collection and briefed the students on the prospective research areas for good research in social sciences.
- Resource person for National Conference on "Coastal Wetlands of India" under the auspices of 'Mangrove Cell Maharashtra' and 'Mangrove Society of India' and BNHS Mumbai at RP Gogate College of Arts and Science, Ratnagiri Maharashtra on 17th and 18th March 2018.
- Resource person for session on "Funding Bodies for research grants" organized for faculty of Parvatibai Chowgule college.

Faculty attended seminars/ workshops:

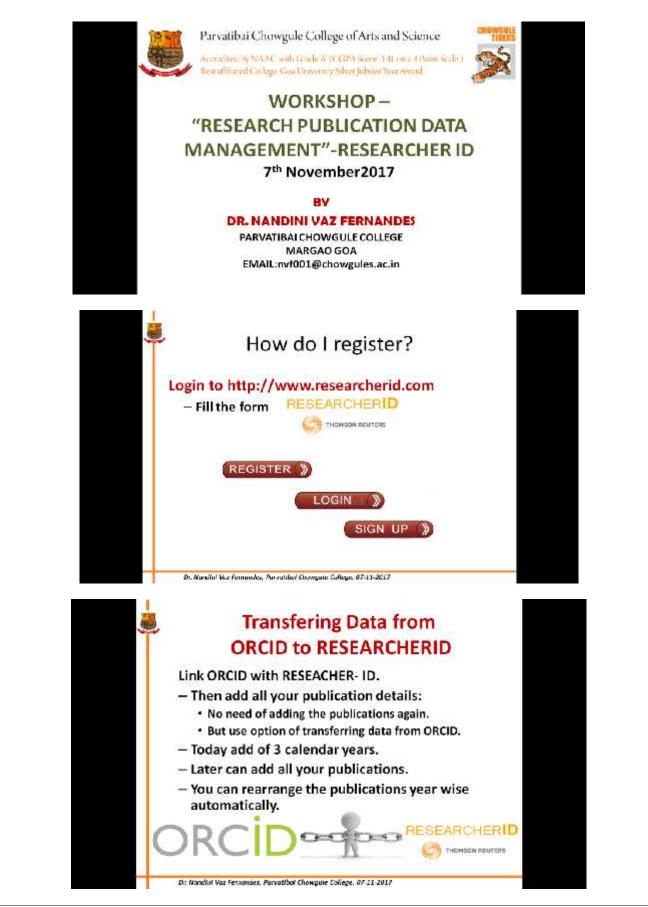
Dr. Nandini Vaz Fernandes along with of students of zoology attended the Carl Memorial Lecture on 20th August 2017. The guest lecture was delivered by

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RESEARCH COMMITTEE (PCCAS-RCEA) & IQAC

_	REPORT ON WORKSHOP ON
R	ESEARCH DATA MANAGEMENT – RESEARCHER ID
Title:	Workshop on "Research Publication Data Management(RESEARCHER-ID)
Date and year:	07/11/2017
Venue:	Auditorium
Resource person/s:	Dr. Nandini Vaz Fernandes
Organizing Committee	Research, Consultancy and Extension Activity Committee (PCCAS-RCEA) and Internal Quality Assurance Cell (PCCAS-IQAC).
No. of Participants	16 Faculty members.
Objective:	The Hands-on workshop was conducted to facilitate faculty members to :
	 Connect Achievements and Contributions on Global Registry" – Register with RESEARCHER-ID
Summary of	The Research Committee and IQAC organized Hands-on Workshop " Research
the proceedings	Data Management' for facilitating faculty to give a global platform to their research works. The workshop was held on 11 th November 2017 in the Auditorium. Dr. Nandini Vaz Fernandes, gave a introductory session on Research data
	management, followed by demonstration of how to upload data transfer data from ORCID to Researcher-ID.
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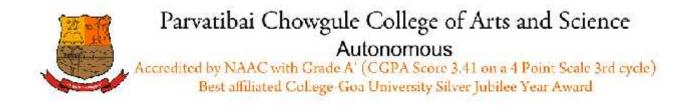
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Faculty attended seminars/ workshops:

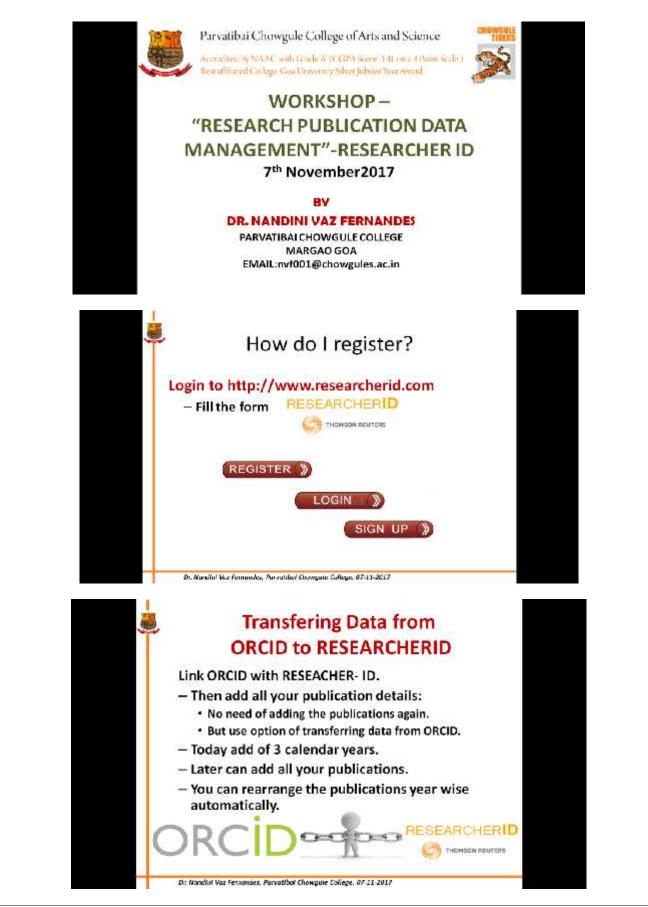
Dr. Nandini Vaz Fernandes along with of students of zoology attended the Carl Memorial Lecture on 20th August 2017. The guest lecture was delivered by

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RESEARCH COMMITTEE (PCCAS-RCEA) & IQAC

_	REPORT ON WORKSHOP ON
R	ESEARCH DATA MANAGEMENT – RESEARCHER ID
Title:	Workshop on "Research Publication Data Management(RESEARCHER-ID)
Date and year:	07/11/2017
Venue:	Auditorium
Resource person/s:	Dr. Nandini Vaz Fernandes
Organizing Committee	Research, Consultancy and Extension Activity Committee (PCCAS-RCEA) and Internal Quality Assurance Cell (PCCAS-IQAC).
No. of Participants	16 Faculty members.
Objective:	The Hands-on workshop was conducted to facilitate faculty members to :
	 Connect Achievements and Contributions on Global Registry" – Register with RESEARCHER-ID
Summary of	The Research Committee and IQAC organized Hands-on Workshop " Research
the proceedings	Data Management' for facilitating faculty to give a global platform to their research works. The workshop was held on 11 th November 2017 in the Auditorium. Dr. Nandini Vaz Fernandes, gave a introductory session on Research data
	management, followed by demonstration of how to upload data transfer data from ORCID to Researcher-ID.
	The Faculty members we explained the procedure of registering for Researcher- ID and then linking it with ORCID.



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Chart of nutrition requirement according to age was given to each house.

- vi. Sanitary Hygiene (13/04/18): The program aimed to create awareness about the importance sanitary hygiene. A questionnaire was prepared and put forth to the women with an aim to understand the present scenario of the sanitary hygiene. The women were explained about care and hygienic practices during menstruation.
- vii. Garbage Segregation (13/04/18): The program aimed to create awareness about the importance garbage disposal and segregation. Methods of disposal of organic and inorganic wastes were explained.
- viii. Importance of Immunization (14/04/18): The community outreach activity aimed to collect information regarding the vaccines taken by children and to provide information with respect to importance of immunization. The students explained the parents the consequences of not receiving a vaccine and the long term complications associated. The checklist of the immunization chart was also provided.
- III. FACULTY ACHIEVEMENT:
- 1) Dr. Nandini Vaz Fernandes

As Resource Person:09

- 'Faculty Orientation Programme' conducted by the college for newly recruited Faculty members on 11th July 2017. She spoke on "Research Culture of Chowgule College".
- Lecture Series' on 'Birding and Bird Conservation' on 21st July 2017.

 Research Publication Data Management Two workshops were held on 25th October, 2017 and 07th November, for the faculty

Vidua 2017-18

members of Chowgule College.

- Delivered series of lectures on: Chromosomal disorders, Genetic mutations, Prenatal Diagnosis and Newborn screening of disorders, for the UG and PG students of Biotechnology Gogate college, Ratnagari.
- "Problem Based learning as Teaching methodology" for Science teachers of Gogate Joglekar on 15" September 2017. Dr. Fernandes presented her findings on 'Mutiple Mode of teaching', Blooms Taxonomy and Problem based Learning.
- Spoke on Role of IQAC under autonomy' to Delegation from Annasaheb Dange College of Engineering and Technology, Sangli-Maharashtra who visited our college on 19th July 2017 to understand the functioning.
- As the chief guest for the workshop organized by Psychology department on 5th August 2017. Spoke on the need for preparing a good questionnaire for data collection and briefed the students on the prospective research areas for good research in social sciences.
- Resource person for National Conference on "Coastal Wetlands of India" under the auspices of 'Mangrove Cell Maharashtra' and 'Mangrove Society of India' and BNHS Mumbai at RP Gogate College of Arts and Science, Ratnagiri Maharashtra on 17th and 18th March 2018.
- Resource person for session on "Funding Bodies for research grants" organized for faculty of Parvatibai Chowgule college.

Faculty attended seminars/ workshops:

Dr. Nandini Vaz Fernandes along with of students of zoology attended the Carl Memorial Lecture on 20th August 2017. The guest lecture was delivered by

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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

Report on "Seminar on Globalization, Finance Capital and Markets: Impact on India"

Title:	Seminar on, 'Globalization, Finance Capital and Markets: Impact on India'
Date and year:	1 st to 3rd December, 2017
Venue: No. of	Parvatibai Chowgule College upper auditorium 83
Participants Summary :	The Department of Economics of Parvatibai Chowgule College of Arts and Science Autonomous, Margao, Goa organized an ICSSR Western Regional Centre, Mumbai sponsored National Level Seminar on, 'Globalization, Finance Capital and Markets: Impact on India' held from the 1 st to 3 rd December 2017 in the College upper auditorium in collaboration with All India Progressive Forum (AIPF), Delhi. A press conference was held on 29 th November, 2017 in the conference room. Principal of the college Dr. N.N.Sawant, Convener of the National Seminar: Dr. E.M.Travassos, Organizing Secretary; Ms. Samantha Coutinho, Vice President of AIPF, Delhi; Dr. Yugal Rayalu, Convener of Goa Chapter of AIPF; Mr. Prasanna Utagi were present.
	The seminar witnessed a total participation of 82 registered members from all over the country. To begin with the inaugural session witnessed the release of abstracts by honorable dignitaries. The Chief of the function was Prof. M.S Kamat and the Guest of Honor was Dr. Datta Damodar Naik. Other dignitaries were Dr.Yugal Rayalu, Shri Anil Rajimwale, Principal, Dr.Nandkumar Sawant. The Convenor of the seminar Dr.E.M.Travassos (Head, Department of Economics), gave a brief insight into the Department of Economics and outline the objective of the National Seminar .This was followed by a base paper presentation delivered by Shri.Anil Rajimwale that focused on the broad theme of the seminar, chaired by Advocate Cleofato A.Coutinho. A total of thirty papers were presented at the seminar.

Photographs



Day One consisted of two technical sessions post lunch under the broad themes of Globalisation and India and the world economy chaired by Mr.Prabhakar Timble (Goa) and Mr.Kasta Dip (Director of India Peace Center, Nagpur) respectively. The two sessions consisted of 7 papers presentations.



Day Two, 2nd December consisted of a total of four, technical sessions under the themes – (i)Small and medium enterprises, Financialization and commodity production, (ii)Scientific and technological revolution problems I and(iii) II and(iv) democratization of markets .The chairpersons for the respective sessions were Dr.K.Rajani(Hyderabad), Dr.Ravindranath (Tamilnadu), Dr.Vikas Jambhulkar(Nagpur)and Dr.Sajid , (Kerela).

Dav Three, December 3rd encompassed technical session seven under the theme Globalization and its impact on India followed by a session for youth held in two sessions pertaining to issues of youth and Women issues that were debated and discussed in a forum setup.



The valedictory was chaired by the chief guest by our very own Principal Dr.N.N. Sawant who was honored for taking teaching to great heights and recognized and congratulated for winning the 'Best Teacher Award' for the year 2017-18, earlier on 5th September 2017.A summary of the sessions was presented by Ms.Samantha Coutinho (assistant professor, department of economics), who was also the organizing secretary of the

seminar. This was followed by concluding

remarks put together by Dr. E.M Travasssos such as 'the 'WE approach' rather than the 'I approach' of globalization, and stressed on the importance of moving at the pace at which globalization does.







Report on "Workshop on When Does It Hurt? Justice, Difference and Inclusion?"

Title:	When Does It Hurt? Justice, Difference and Inclusion?	
Date and year: Venue:	12th September, 2017 G Bloc 201	
Resource person/s: No. of Participants	Ms. Gayathri Konkar Counsellor at Goa Institute of Management and Nirmala Institute of Education 45	
Objective:	 Sensitising students to the issues faced by women and reserved castes groups in education Understanding remedial measures. 	

Summary of the proceedings

Photographs





Parvatibai Chowgule College of Arts and Science

Autonomous

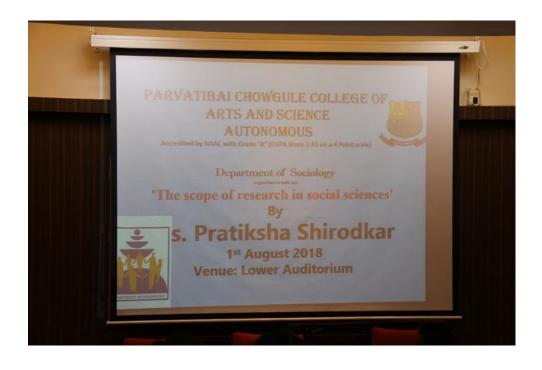
Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle) Best affiliated College-Goa University Silver Jubilee Year Award

Report on "Lecture on The Scope of Research in Social Sciences"

Title:	The Scope Of Research In Social Sciences	
Date and year:	1st August 2018	
Venue:	Lower Auditorium	
Resource	Ms Pratiksha Shirodkar, assistant professor at Nirmala Institute of Education	
person/s:		
No. of	83	
Participants		
Objective:	1. To know the scope of Research in Social Science	

2. To know the various job openings through research

Photographs







Report on "Workshop on Create your own map"

Title: Workshop on "Create your own map"

Date and year: 23rd and 24th January 2018

Venue: Department of Geology

Resource person/s: Malcolm Afonso, Assistant Professor, Department of Geology, Parvatibai Chowgule

No. of Participants 03

Objective: To provide students hands-on training in GIS

Summary of the proceedings

Malcolm Afonso conducted a two days workshop for students of Geology on GIS titled "Create your own map" on 23rd and 24th January 2018. The participants for the workshop were Stefan Gomes (Semester VI), Johnny Fernandes (Semester VI) and Rizlen Quadros (Semester IV).





Report on "Workshop on Konkani Shuddhalekhan ani Konkani Adhyapan"

Title: One Day State Level Workshop Konkani Shuddhalekhan ani Konkani Adhyapan Date and year: 31st January, 2018

Venue: Lower Auditorium of the college

Resource person/s:

- Dr. Hanumant Chopdekar
- Dr. Gunaji Desai
- Dr. Rakhi Amonkar
- Ms. Shubha Barad

No. of Participants: 10 teachers and 40 students from institutes of Goa

Summary of the proceedings:

The Department organized a One Day State Level Workshop on the topic "Konkani Shuddhalekhan ani Konkani Adhyapan" for the high schools and higher secondary school teachers and students on 31st January, 2018 in the Lower Auditorium of the college between 9:30 a.m. and 5:00 p.m. The workshop was inaugrated at the hands of the Principal Dr. Nandkumar N. Sawant and Mrs. Mitra Borkar, Dean-Faculty of languages and literature. A total of 10 institutes participated (10 teachers and 40 students from other institutes) attended the workshop.



Report on "Workshop on Introduction to Qualitative Methods"

Title: workshop on 'Introduction to Qualitative Methods'

Date and year: 2nd, 3rd, 5th and 6th of February 2018

Venue: Classroom, Parvatibai Chowgule college

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

No. of Participants 23 Students and 3 faculties successfully completed this workshop **Objective:** To understand the methods of qualitative research. learning by doing

Summary of the proceedings

The Department of Sociology organized a workshop on 'Introduction to Qualitative Methods' 2nd, 3rd, 5th and 6th of February 2018. The resource person for the workshop was Professor Paula Maria Guerra Tavares, from the University of Porto, Portugal. Total 23 Students and 3 faculties successfully completed this workshop.



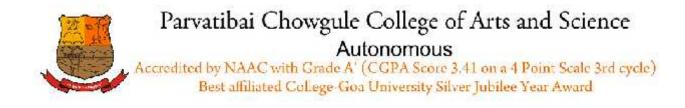


Report on "Culinary workshop"

- Title: Culinary Workshop
- **Date and year:** 22nd January 2018
- Venue: Parvatibai Chowgule College
- Summary: A Culinary Workshop (Discovering French culinary secrets) was conducted by Ms. Charlene Weiss - Director of Alliance Française- Goa, on 22 February 2018. Ms. Weiss demonstrated the preparation of two famous French recopies. A culinary competition on French cuisine was also held for the students of the French Department..



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RESEARCH COMMITTEE (PCCAS-RCEA) & IQAC

REPORT ON SEMINAR ON PLAGIARISM AND ACADEMIC WRITING		
Title:	Seminar on Plagiarism and Academic Writing Sessions: 1) Plagiarism 2) Academic Writing	
Date and year:	23/04/2018	
Venue:	Auditorium	
Resource person/s:	Dr. Gopakumar, Librarian Goa University.	
Organizing Committee	Research, Consultancy and Extension Activity Committee (PCCAS-RCEA) and Internal Quality Assurance Cell (PCCAS-IQAC).	
No. of Participants	19 Faculty members.	
Objective:	 To sensitize faculty members on Avoiding plagiarism Academic writing – Enhance your writing using Mendeley 	
Summary of the proceedings	To address the need of avoiding plagiarism in academics, the Research Committee of the college organized a session on "Plagiarism and Academic writing" on 23 rd April 2018. The resource person for the session was Dr. Gopakumar V., Librarian at Goa University. <i>Session 1: Avoiding Plagiarism</i> The session included a talk on the concept of plagiarism, how to avoid plagiarism and methods of detecting plagiarism in Academic writing. This session also included demonstration of softwares used to avoiding plagiarism.	

Dr. Gopakumar also demonstrated the use of anti- plagiarism software "URKUND" recommended by UGC for detecting plagiarism in academic submissions made by students/faculty.

Session 2: Academic Writing – Use of Mendeley

As a professional research tool Dr. Gopakumar demonstrated the use of "Mendeley" software which also helps in academic content writing of thesis or research papers, and eases reference writing and in-text citation.

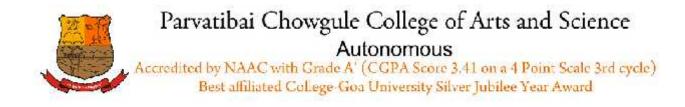
He also demonstrated various features of "Mendeley" which can help the researcher to search scholarly contents from the web, arrange and format references in specific styles, and search for specific content pertaining to the planned research paper.



Dr. Gopakumar V. delivering a talk on "Plagiarism in Academic writing"

Date:23.04.2018	Time: 11.30 a.m - 12.30 p.m	Venue: Lower Auditoriu
S.N.	Attendees	Signatures
1	Yatin P. Disa	ngeri-
2.	Rohan K. Kunkalehar	PB 1
3	Ashwini Ashish	- Jose
4.	Kumaresh.v.c.	Kunger
5	GNK NORALONIA	SILL
6	MS- SAMANATA COUTINHO	Bartingala
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8.	Sarah T. Mesquita	Regter,
q	Dr. R. Karchan	Rhanchana
10	Bharya G. Bhat	N.
11	Vallanka A.V. Dias	allein
12-	Wendham Gray	bit
13	Ajswarya M. Babu	Alswang
14	Vidya R. Balekai	Balekaj
15	TRASHMA MUSAWAR	- the
16	Monica Patil	Mont
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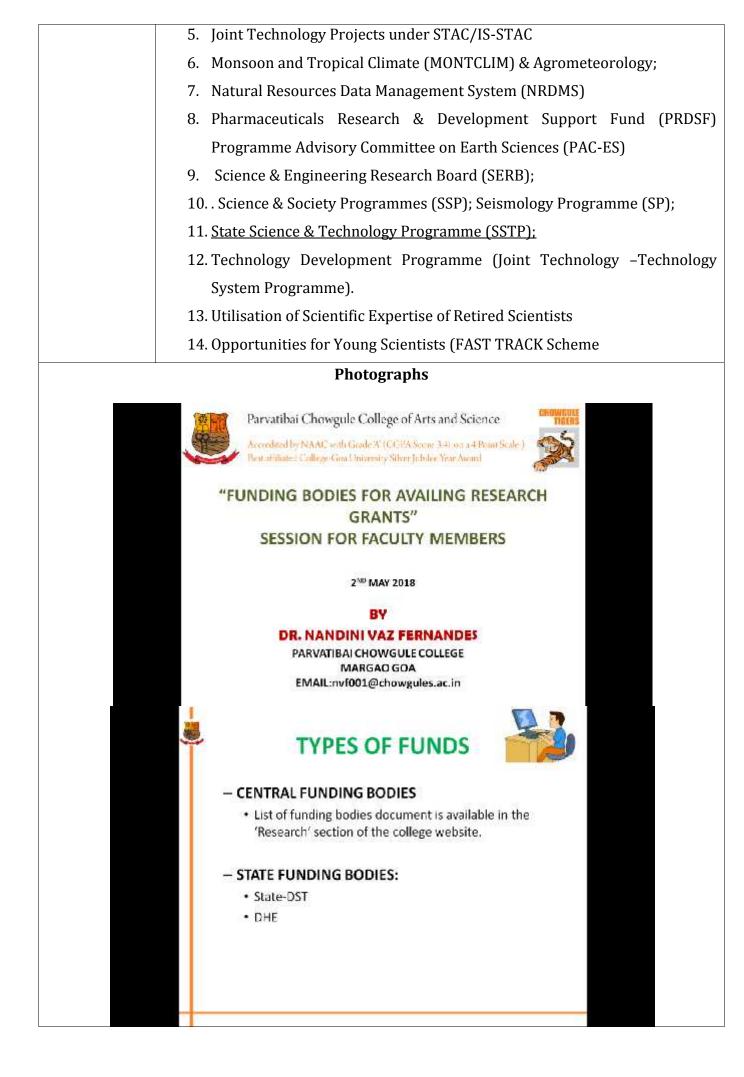
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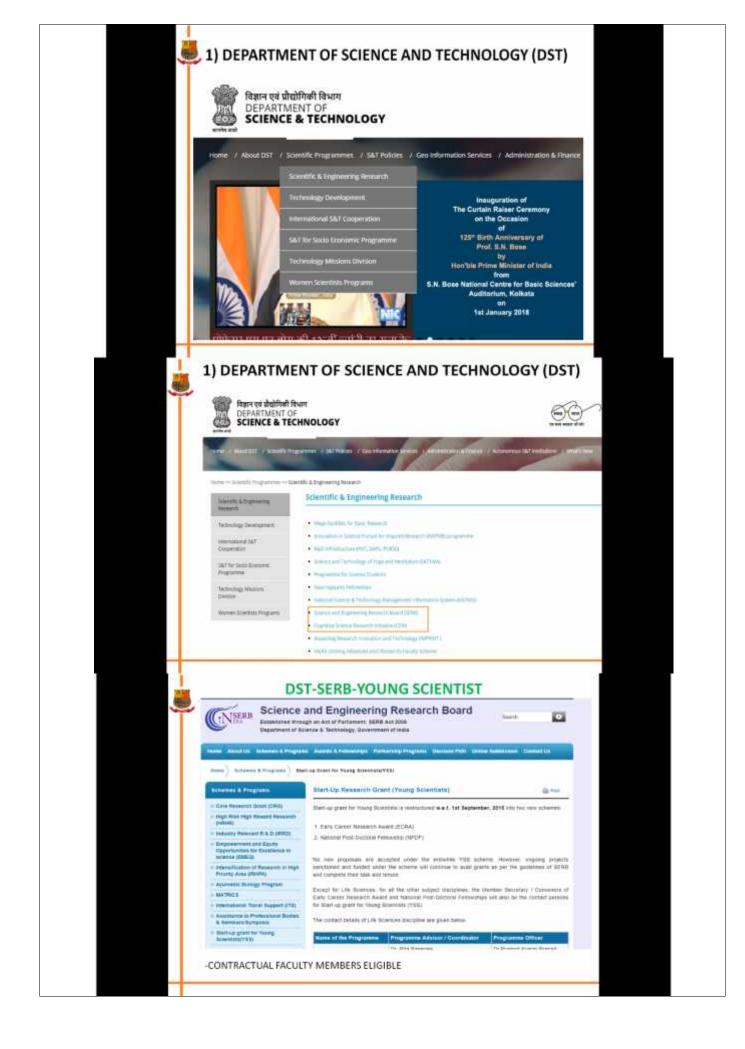


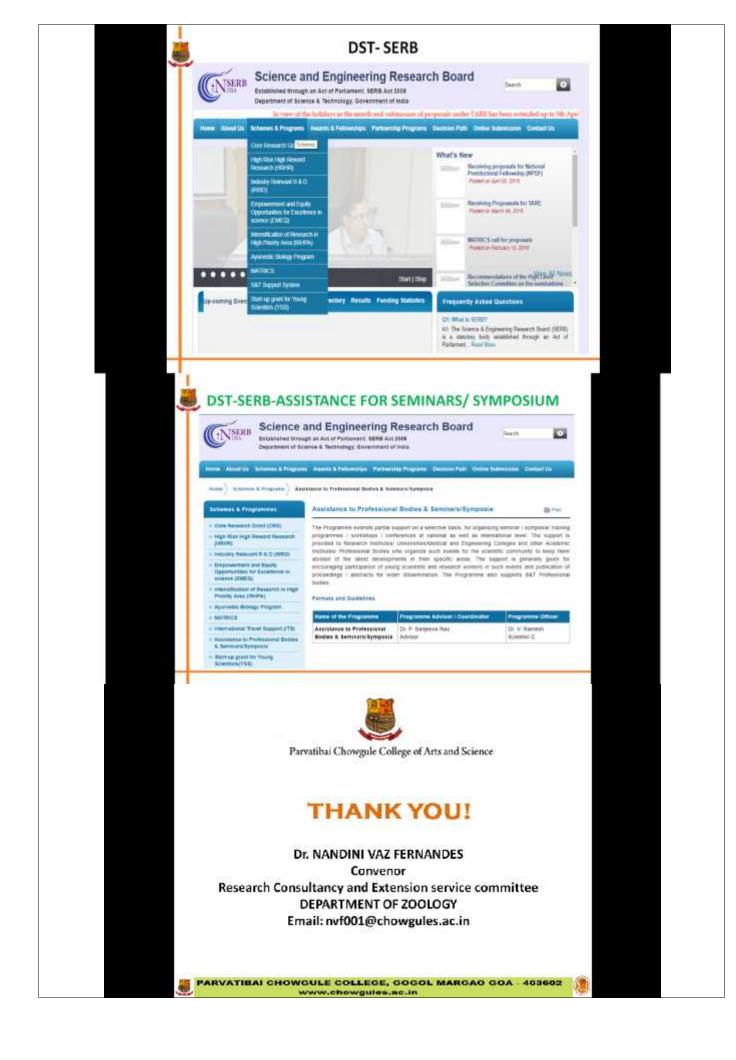
RESEARCH COMMITTEE (PCCAS-RCEA) & IQAC

REPORT ON SEMINAR ON FUNDING BODIES FOR AVAILING RESEARCH GRANTS

Title:	Seminar on 'FUNDING BODIES FOR AVAILING RESEARCH GRANTS'		
Date and year:	02 nd May 2018		
Venue:	Conference Room		
Resource person/s:	Dr. Nandini Vaz Fernandes		
Organizing Committee	Research, Consultancy and Extension Activity Committee (PCCAS-RCEA) and Internal Quality Assurance Cell (PCCAS-IQAC).		
No. of Participants	21 Faculty members.		
Objective:	 To help faculty members to: 1) Know about various funding bodies. 2) To discuss the various schemes available for researchers. 		
Summary of the proceedings	The faculty members were introduced to the various schemes available at Department of Science and Technology (DST), Govt. of India. They were also explained the broad areas under which the schemes are available and the potential schemes which different departments can apply for. The schemes discussed are as follows: 1. Deep Continental Studies (DCS); Himalayan Glaciology (HG); 2. Indian Climate Research Programme (ICRP) 3. Instrument Development Programe (IDP) 4. International S&T Cooperation (ISTC)		









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Best affiliated College-Goa University Silver Jubilee Year Award

Report on "Workshop on Python Programming"

Title: Workshop on Python Programming

Date and year: 8th – 12th May 2018

Venue: M. Sc. IT Laboratory, Parvatibai Chowgule College of Arts and Science

Resource person/s: Mr. Castor Godinho

No. of Participants 16

Objective: The objective of the workshop was to introduce to the students the Python programming language.

Summary of the proceedings

Department of Physics organized a workshop on Python programming for the Third and Second Year B.Sc. Physics students from 8th May 2018 to 12th May 2018 at the M. Sc. IT Laboratory. The resource person for this workshop was Mr. Castor Godinho from the Dept. of Computer Science. The objective of the workshop was to introduce to the students the Python programming language, which is a flexible programming language designed partly for readability and ease of programming. Python can be extensively used to create simulations of various physical phenomena. Fourteen students along with the faculty of the Physics department, Yatin Desai and Ashish M. Desai attended the workshop.

