

UGC-Human Resource Development Centre

Goa University

Refresher Course Environmental Sciences (Inter/Multi-disciplinary) (Online Mode)

from 09-11-2021 to 22-11-2021

A REPORT

- o/c
1. Thirty three participants from the state of Goa , Maharashtra, Karnataka, West Bengal, Kerala, Jammu & Kashmir, Tamil Nadu, Assam, Uttar Pradesh, Chhattisgarh, Manipur, Himachal Pradesh & Haryana accepted the invitation and registered their names for the Refresher Course in Environmental Sciences (Inter/Multi-disciplinary) which was held in Online Mode. Majority of the participants were from the State of Maharashtra. There were 19 male and 14 female participants.
 2. Refresher Course was inaugurated by Prof. Bernard F. Rodrigues, Department of Botany, Goa University, in the presence of Prof. Purva Hegde P. Desai, In-charge Director, Dr. Ingrid Anne P. Nazareth, Assistant Professor UGC-HRDC. The Course was coordinated by Dr. Anthony A. Viegas, Associate Professor and Programme Director, Department of Geology ,Vice-Dean (Academic), School of Earth, Ocean and Atmospheric Sciences, Head, Department of Portuguese and Lusophone Studies and Director of Extra-Mural Studies and Extension Services, Goa University. 4 lecture sessions were delivered daily online from 10.00 a.m. to 5.00 p.m. with a lunch-break of 1 hour at 1 p.m. and it was attended by the participants in (Online mode).
 3. The Course was enriched with many eminent resource persons across the country. The theme of the refresher course was "Environmental Science : Land, Ocean and Atmospheric issues and concerns". Some of the topics that were presented by the participants were: Area of Specialization : Medical Plants to screen antioxidant properties, Bodo Literature : Its background and development, Nanoparticles (NPs), Chemistry of Schiff Bases, Plants – The first victims of air pollution, Introduction on the area of Specialization, Chemistry – Schiff Bases and their applications short review, Poverty Eradication in Rural India a way for sustainable development etc.
 4. The participants were made to write Minor Research Project Proposals as per UGC format, submit the presentation Seminars reports on the topics of their choice based on the participant session and had to answer the objective type test, which was evaluated graded accordingly.
 5. Participants expressed their feedback about the course and shared their experiences Prof. P. K. Sudarshan, Professor & Vice Dean (Research) Goa Business School, Goa University, delivered the valedictory speech to the participants.
 6. We are enclosing herewith:
 - a. Time-table
 - b. Name of the participants & their presentation topics
 - c. List of Resource persons and topics.
 - d. Evaluation by the participants – summary
 - e. Name of the Participants & their details
 - f. Participants Evaluation sheets




(Prof. Purva G. Hegde Desai)
In-Charge Director-UGC-HRDC

DIRECTOR
HUMAN RESOURCE DEVELOPMENT CENTRE
GOA UNIVERSITY
GOA - 403 206

UGC- HUMAN RESOURCE DEVELOPMENT CENTRE
Refresher Course in Environmental Sciences (Inter/Multi-disciplinary)
 (09-11-2021 to 22-11-2021)

TIME-TABLE

Date/ Day	Session-I 10.00 am to 11.30 am	Session-II 11.30 am to 1.00 pm	Session-III 2.00 pm to 3.30 pm	Session-IV 3.30 pm to 5.00 pm
09-11-2021 Tuesday	Welcome address by Prof. Purva Hegde Dessai, Director, HRDC, Overview of the course by Dr. A. Viegas, Co-ordinator followed by inaugural address chief guest Prof. B.F.Rodrigues		Dr. Manoj Ibrampurkar	
10-11-2021 Wednesday	Prof. S.N. Dhuri	Dr. Satya Narayana,	Prof. K. Mahender	
11-11-2021 Thursday	Dr. V. J. Loveson	Dr. Anthony Viegas	Dr. Ramesh Kumar	
12-11-2021 Friday	Dr. Baban Ingole	Prof. B. F. Rodrigues	Prof. P. K. Sharma	Prof. S.N. Dhuri
13-11-2021 Saturday	Adv. Albertina Almeida	Dr. A. Ashwini Kumar	Dr. Pradip Sarmakodam	
14-11-2021	SUNDAY			
15-11-2021 Monday	Dr. Manish Tiwari	Dr. Rahul Mohan	Prof. N. Munuswamy	
16-11-2021 Tuesday	Dr. Damodar Shenoy	Prof. Savita Kerkar	Participant Session (ONLINE)	
17-11-2021 Wednesday	Dr. Pratima Kessarkar	Dr. Anthony Viegas	Dr. Shanti Dessai – Evaluation of Participants Presentation	
18-11-2021 Thursday	Dr. Thamban Meloth	Dr. Aftab Can	Dr. Shanti Dessai – Evaluation of Participants Presentation	
19-11-2021 Friday	Prof. K. S. Jayappa	Dr. Niyati Kalangutkar	Dr. Shanti Dessai – Evaluation of Participants Presentation	
20-11-2021 Saturday	Adv Nigel Costa Frias	Dr. Mohan Girap	Dr. Sridhar Iyer	Exam



Date/ Day	Session-I 10.00 am to 11.30 am	Session-II 11.30 am to 1.00 pm	Session-III 2.00 pm to 3.30 pm	Session-IV 3.30 pm to 5.00 pm
21-11-2021	SUNDAY			
22-11-2021 Monday	Dr. Mohan Girap	Prof. Ganesha	Valedictory Function Prof. P. K. Sudarshan, Department of Economic, Goa University	



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Name of the Participants & their Presentation Topics

Sr. No	Name of Participants	Participants Presentation Topic
1	Dr. Adhikarimayum Haripyaree Devi	Area of Specialization : Medical Plants to screen antioxidant properties
2	Mr. Bindu Basumatary	Bodo Literature : Its background and development
3	Dr. Chandrama Basu	Area of Specialization : Synthetic Inorganic, Bioinorganic and Environmental Chemistry
4	Dr. Deepak Sinha	Nanoparticles (NPs)
5	Mr. Dnyaneshwar Ramdas Bompilwar	Bharithya Shastriya Sangeet
6	Dr. Gajanan P. Lakhawat	Area of Specialization : Surface coating technology
7	Mrs. Ghodke Meghna Bhagchand	Phytochemistry
8	Dr. Gite Valmik Nana	Area of Specialization : Organic Chemistry
9	Dr. H. Benita Sherine	Chemistry of Schiff Bases
10	Dr. Ishtiyah Ahmed Najar	Area of Specialization : Management of fresh water weeds (macrophytes) by vermicomposting
11	Mrs. J Jeya Rathi	Area of Specialization : Ecology
12	Dr. Jisha Annie Abraham	Area of Specialization : Physics in studying the structural, electronic, elastic, mechanical, thermoelectric and thermodynamic
13	Dr. Joshi Sanjay Balkrishna	Geomorphological and environmental aspects of west coast of NDIA (WCI)
14	Dr. Kshetrimayum Guneshwor Singh	Area of Specialization : Herbal medicines are being used by about 80% of the world population, primarily in developing countries for primary health care
15	Dr. Manas Pratim Boruah	Area of Specialization : Organic Chemistry and Natural Products
16	Dr. Marielou Ferrao	B-Carotene production by red yeasts isolated from the coastline of Goa
17	Mrs. Mereena C.S	Area of Specialization : Transport and Urban Geography
18	Dr. Mridula .K	Description about area of Specialization
19	Dr. N. Nagamurugan	Area of Specialization : Forest conservation and sustainability
20	Dr. Nabendu Biswas	Area of Specialization : Cancer remains a major challenge for humanity
21	Dr. Priyadarshani Neelesh Deshmuk	Area of Specialization : Organic Chemistry (Heterocyclic Chemistry)
22	Ms. Pushpa B. Zamarkar	Petrogenesis of the alkaline mafic – ultramafic intrusive rocks from the Sarnu – Dandali alkaline complex, Rajasthan, northwestern India
23	Mr. Rajendra Ganasham Shetye	Plants – The first victims of air pollution
24	Dr. Rajesh K.R	Specialization : Organic Semiconductor Thin Films and Applications



25	Mr. Ravi kant	Introduction on the area of Specialization
26	Dr. Sanjay Kumar	Area of Specialization : Agricultural Geography, in special reference to Cotton Cultivation in Haryana
27	Dr. Saumya Mishra	About my area of Specialization : Morphology of Pteridophytes
28	Dr. Sheryl Oliveira Fernandes	Area of Specialization : Marine microbial ecology
29	Mr. Sudhakar Ramchandra Ujgare	Chemistry – Schiff Bases and their applications short review
30	Dr. Sujata Mukherjee	Area of Specialization : Development Communication
31	Dr. Sumit Mandal	Area of Specialization : Marine Ecology
32	Mrs. Telphy Kuriakose	Area of Specialization : Bioprocess technology and plant tissue culture
33	Dr. Vishnu Eknath Gumatkar	Proverty Eradication in Rural India a way for sustainable development



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Refresher Course Environmental Sciences (Inter/Multi-disciplinary)

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Sr. No	Name of Resource Person	Lecture Topic
1	Manoj Ibrampurkar	i)Water Quality ii) Water Conservation
2	Prof. S.N. Dhuri	Advances in Bio-Inorganic Chemistry
3	Dr. Satya Narayana	Conservation and ecological restoration of coral reefs, paradise underwater
4	Prof. K. Mahender	i) QGIS- Introduction and Application in Environmental Management ii) Hands on practical
5	Dr. V. J. Loveson	EMP and carrying capacity modelling
6	Dr. Anthony Viegas	i)Resources and Environment ii)World of the Geology
7	Dr. Ramesh Kumar	i)Monsoon ii) Climate change
8	Dr. Baban Ingole	Changing land use pattern and its impact on coastal ecology
9	Prof. B. F. Rodrigues	Microrrhizae and plant growth and Reclamation of mine lands
10	Prof. P. K. Sharma	Sustainable source of food and energy security
11	Adv. Albertina Almeida	Gender and Environment
12	Dr. A. Ashwini Kumar	Atmosphere Air pollution
13	Dr. Pradip Sarmakodam	i)Biodiversity Act, 2002 ii)Goa State wetland Authority (conservation and Management) Rules 2017
14	Dr. Manish Tiwari	Isotopes in past climate studies
15	Dr. Rahul Mohan	Environment issues and concerns from a frozen planet (Antartica)
16	Prof. N. Munuswamy	Quality research, publications and projects
17	Dr. Damodar Shenoy	Ocean: Observations & Biogeochemistry current status and challenges
18	Prof. Savita Kerkar	Close encounters in my Artic expedition
19	Dr. Pratima Kesarkar	Marine environmental changes : Natural & human induced
20	Dr. Thamban Meloth	Environmental changes in polar Regions, Status and Indian perspectives
21	Dr. Aftab Can	Air sea heat fluxes & climate
22	Prof. K. S. Jayappa	Costal Zone Management
23	Dr. Niyati Kalangutkar	Micro plastics in Environment
24	Adv. Nigel Costa Frias	An overview of Environmental Laws and their application to common man
25	Dr. Mohan Girap	i)Managing Legal Risk and Responsibilities through Statutes; An Overview ii) Environmental concerns of Goa, a way forward
26	Dr. Sridhar Iyer	Coastal Minerals perspectives and Blue Economic prospects in India
27	Prof. Ganesh	"Ecological Issues and Sociology"



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Evaluation of Refresher Course/Orientation Course Refresher Course Environmental Sciences
(Inter/Multi-disciplinary)

Held from 09-11-2021 to 22-11-2021

Total number of Participants 33 numbers in the columns indicate the percentage of Responses.

1. Comments on training	Most Appropriate	Appropriate	Not Appropriate	No. Response
A)References to your work	72.72%	27.27%	--	--
B) Period of training	87.87%	12.12%	--	--
C) Contents of the Course	81.81%	18.18%	--	--
D) Methods followed	72.72%	24.24%	--	--

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Benefits of training	Very High	High	Moderate	Negligible	No. Response
A)In the area of knowledge	81.81%	18.18%	--	--	--
B)In the area of skill	42.42%	48.48%	6.06%	3.03%	--
C)In the area Of attitude	66.66%	30.30%	3.03%	--	--

Hostel facilities:

Are you satisfied with accommodation?

Yes	No	N.A.	No Response
03.03%	--	36.36%	60.60%

Note: The courses held in 2021-22 were in Online mode and hence the hostel facilities/Accommodation may be considered as Not Applicable (N.A.)



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Participants Details

Sr. No	Name of the Participants	College Address	Phone No.	E mail ID of Participants
1	Dr. Adhikarimayum Haripyaree Devi	Imphal College Imphal Govt of Manipur	9612934149/ 9862421978	adhikarimayum_devi@yahoo.in
2	Mr. Bindu Basumatary	Janata College Serfanguri, Assam	9954215775	bindubasumatary0@gmail.com
3	Dr. Chandrama Basu	Mount Carmel College Bagalore , Karnataka	9986516737	chandrama.basu@yahoo.com
4	Dr. Deepak Sinha	Govt. N.G.P. College of Science, Raipur, Chhattisgarh	9425290603/ 9827199839	Drsinha333@gmail.com
5	Mr. Dnyaneshwar Ramdas Bompilwar	Smt S.R. Mohata Mahila Mahavidyalaya Khamgam Buldana, Maharashtra	9511290253/ 9767464453	omkarsangeet@gmail.com
6	Dr. Gajanan P. Lakhawat	L.I.T Bharat Institute of Technology Nagpur, Maharashtra	9637941779	glakhawat@rediffmail.com
7	Mrs. Ghodke Meghna Bhagchand	Kalwan Education Societys Arts and Science College Kalwan, Maharashtra	7517551919	meghakhandizod1919@gmail.com
8	Dr. Gite Valmik Nana	Adv M.N Deshmukh Arts Science and Commerce College Rajpur, Maharashtra	9423467323	gitevalmik@gmail.com
9	Dr. H. Benita Sherine	Periyar E.V.R. College Tiruchiurapalli, Tamil Nadu	9943585016	beni2@rediffmail.com
10	Dr. Ishtiyahq Ahmed Najar	Govt Degree College Ganderbal, Jammu & Kashmir	9796957773	ishtiyahq.env@gmail.com
11	Mrs. J Jeya Rathi	Madras Christian College (Autonomous) Chennai, Tamil Nadu	7200785953	Jeyarathi.j@mcc.edu.in
12	Dr. Jisha Annie Abraham	National Defence Academy Pune, Maharashtra	9503613228	disisjisha@yahoo.com
13	Dr. Joshi Sanjay Balkrishna	Walchand College of Arts and Science (Autonomous) Solapur, Maharashtra	9890611824	sanjaybj65@rediffmail.com
14	Dr. Kshetrimayum Guneshwor Singh	G.P Women College Imphal , Manipur	9612934149	guneshwor@hotmail.com
15	Dr. Manas Pratim Boruah	Dhenaji College Dhenaji, Assam	7578087416	mpboruah21july@gmail.com
16	Dr. Marielou Ferrao	St Xaviers College Mapusa Goa	9822484108	marielou.ferrao@gmail.com
17	Mrs. Mereena C.S	Govt College Kariavattom, Kerala	9995523338	mereenaomega@gmail.com
18	Dr. Mridula .K	N.S.S. Training College Ottanalam, Kerala	9495341550	drmgath@gmail.com
19	Dr. N. Nagamurugan	Govt Arts College Melur Madurai, Tamil Nadu	9443771297	naga06@yahoo.com
20	Dr. Nabendu Biswas	Presidency University Kolkata, West Bengal	9433063965	nabendu.dbs@presiuniv.ac.in
21	Dr. Priyadarshani Neelesh Deshmuk	SSESA'S Science College Congress Nagar Nagpur, Maharashtra	9881332586	preetiingole@gmail.com
22	Ms. Pushpa B. Zamarkar	SSESA'S Science College Congress Nagar Nagpur, Maharashtra	7020738725	pushpabz16@gmail.com
23	Mr. Rajendra Ganasham Shetye	Ganpat Parsekar College of Educational Harmal, Goa	9552854985	rajansh3@gmail.com



24	Dr. Rajesh K.R	Shreekrishna College Guruvayur Thrissur, Kerala	9446057638	rajthinfilms@gmail.com
25	Mr. Ravi kant	Sidharth Govt College Nadaun Hamirpur, Himachal Pradesh	9459166312	kantravi235212@gmail.com
26	Dr. Sanjay Kumar	Govt Degree Narhaund(Hisar) Haryana	9468337145	skumargeography@gmail.com
27	Dr. Saumya Mishra	K.N. Govenment P.G College Gyanpur Bhadohi Utter Pradesh	9451864437	Saumyamishra224@gmail.com
28	Dr. Sheryl Oliveira Fernandes	School of Earth Ocean and Atmospheric Science, Goa University	93261234550	sherylmarine@gmail.com Sheryl@unigoa.ac.in
29	Mr. Sudhakar Ramchandra Ujgare	PSGVPM's S.I Patil Arts G.B Patel Science and Shahada Nandurbar, Maharashtra	8600843472	ujgare.sudhakar@gmail.com
30	Dr. Sujata Mukherjee	Harilal Mazumdar Memorial College for Women Kolkata, West Bengal	9073868179	Sujatamukhopadhyay7@gmail.com
31	Dr. Sumit Mandal	Presidency University Kolkata, West Bengal	9007230148	sumit.dbs@presiuniv.ac.in
32	Mrs. Telphy Kuriakose	Mount Carmel College Bagalore , Karnataka	9980474747	telphyk@gmail.com
33	Dr. Vishnu Eknath Gumatkar	Smt S.R. Mohata Mahila Mahavidyalaya Khamgam Buldana, Maharashtra	9860961723	vishnughumatkar@gmail.com

