

UGC-Human Resource Development Centre

Goa University

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


from 11-01-2022 to 24-01-2022

A REPORT

1. UGC-HRDC, Goa University conducted its Refresher Course in Natural Sciences (Online mode). There were 38 participants were registered for the course. Participants were from the state of Goa, Maharashtra, Tamil Nadu, West Bengal, Utter Pradesh, Madhya Pradesh, Chhattisgarh, Kerala & Andhra Pradesh . Majority of the participants were from the State of Maharashtra. There were 16 male and 22 female participants.
2. Refresher Course was inaugurated by Prof. B. F. Rodrigues, Dean, Life Sciences and Environment, Goa University, in the presence of Prof. Purva G. Hegde Desai, In-Charge Director and Dr. Ingrid Anne P. Nazareth, Assistant Professor, UGC-HRDC. The Course was Co-ordinated by Prof. Prof. Sandeep Garg, HOD, Department of Microbiology, Goa University. 4 lecture sessions were delivered daily (online) from 10.00 am and 5.00 pm, with a lunch-break of 1 hour.
3. Course was enriched with most eminent resource persons across the country. The theme of the Refresher Course was "Problem and Latest Advancement of Learning Technology trends Higher Education".
4. Some of the topics that were presented by participants are: Environmental Toxicology, Bio prospecting of Halophilic Archaea from solar salterns of India, Bioinstrumentation, Interaction of Haloarchaea with metal ions, Plant tissue culture, culturing of Microalgae and Angiosperm taxonomy, Soil Salinity, Area of Research interests, Oral Microbiologh, Diversity of Orchids in India, Bionanotechnology, Background behind my interest etc.
5. The participants were made to write Major Research Project Proposal as per UGC format, which was later assessed. They also had to submit the presentation Seminars report on the topic of their choice, which were assessed. A participants session was also held (online). At the end the participants had to answer the objective type test, which was evaluated, and graded accordingly.
6. Senior Prof. P. K. Sharma, Former Dean, Life Sciences and Environment and Director and Director, DICE, Goa University, delivered valedictory speech to the participants.

We are enclosing herewith:

- a. Time-table
- b. List of Resource persons and topics.
- c. List of Participants sessions with topics
- d. Evaluation by the participants – summary
- e. Participants 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 Life Sciences (Inter/Multi-disciplinary)
(11-01-2022 to 24-01-2022)

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
11-01-2022 Tuesday	Inaugural Function at 1130 hrs Compering by Dr. Ingrid Anne (ingrid@unigoa.ac.in) In-Charge, UGC-HRDC – welcome address Prof. B.F. Rodrigues (felinov@unigoa.ac.in), Dean, Life Sciences and Environment – Chief Guest Prof. S. Garg sandeep@unigoa.ac.in), Coordinator of the Course will give an overall course design		Prof. D. J. Bhat (Rtd.)	Prof. Sandeep Garg
12-01-2022 Wednesday	Prof. P.K. Sharma	Prof. Ashwani Pareek	Prof. Sanjeeva Srivastava	Dr. Narsinh Thakur
13-01-2022 Thursday	Prof. S. R. Yadav	Prof. Parimelazhagan T.	Prof. N.B. Ramchandra	Prof. (Dr.) Tapan K Maity
14-01-2022 Friday	Prof. I.K. Pai, (Rtd.)	Dr. Gonsalves Maria Judith	Prof. N.B. Ramchandra	Prof. Ameeta R. Kumar
15-01-2022 Saturday	Prof. R. Roy, (Rtd.)	Dr. Sarat Chandra	Dr. Rahul Mohan	Prof. Ramkrishna Sen
16-01-2022	SUNDAY			
17-01-2022 Monday	Prof. C.U. Rivonker	Prof. T. Satyanarayana	Dr. Ajay Pandey	Participants session (Dr. Judith M. Braganca)
18-01-2022 Tuesday	Prof. Suman Kapur	Prof. Pawan K. Dhar	Participants session (Dr. Judith M. Braganca)	
19-01-2022 Wednesday	Prof. J. L. Rathod		Participants session (Dr. Meenal Kowshik)	
20-01-2022 Thursday	Dr. R. Ramesh	Evaluation Test (MCQ)	Participants session (Dr. Meenal Kowshik)	
21-01-2022 Friday	Prof. S. Kerkar	Dr. S.S. Mitbavkar	Prof. Sanjeev Ghadi	Participants session (Dr. Judith M. Braganca)
22-01-2022 Saturday	Prof. H. Kaur	Prof. S.K. Shyama	Prof. Utpal Roy	



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
23-01-2022	SUNDAY			
24-01-2022 Monday	Prof A Sonawane	Valedictory address by Senior Prof. P K Sharma, Former Dean, Life Sciences and Environment and Director, and Director, DICE at 1130 hrs		



UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
 Refresher Course in Life Sciences (Inter/Multi-disciplinary)
 from 11-01-2022 to 24-01-2022

Sr. No	Name of Resource Person	Lecture Topic
1	Prof. D. J. Bhat (Rtd.)	Current Approach to the Taxonomy of Microfungi
2	Prof. Sandeep Garg	Microbes in Solid Waste Management
3	Prof. P.K. Sharma	Climate change and Food and Fuel security
4	Prof. Ashwani Pareek	Are we ready to feed nine billions?
5	Prof. Sanjeeva Srivastava	Recent innovations in proteomics
6	Dr. Narsinh Thakur	Marine Bioprospecting
7	Prof. S. R. Yadav	Endemism, Endemic plants of Western Ghats
8	Prof. Parimelazhagan T.	IPR : Powerhouse for Innovation
9	Prof. N.B. Ramchandra	Personalized genomic medicine I
10	Prof. Ameeta R. Kumar	Drug discovery using computational tools
11	Prof. I.K. Pai (Rtd.)	Life of animals at extreme conditions: Experience at Antarctica
12	Dr. Gonsalves Maria Judith	Ocean and its blue economy
13	Prof. N.B. Ramchandra	Personalized genomic medicine II
14	Prof. Ameeta R. Kumar	Drug discovery using computational tools
15	Prof. R. Roy, (Rtd)	Lipid: A Multifacet Biomolecule
16	Dr. Sarat Chandra	Why Study Polar Oceans? Insights from Indian Scientific Expedition to the Southern Ocean
17	Dr. Rahul Mohan	Antarctica and the Environmental Concerns
18	Prof. Ramkrishna Sen	Algal Biorefinery for Biofuels and Value-added Products
19	Prof. C.U. Rivonker	Marine biodiversity and ecosystem function
20	Prof. T Satyanarayana	Fungal Phytases in Ameliorating Nutrient Availability and Environment
21	Dr. Ajay Pandey	How to functionally analyse genes in plants? - "An overview"
22	Prof. Suman Kapur	Turning research into tools Emerging plat forms in point of care Diagnostics
23	Prof. Pawan K. Dhar	Systems & Synthetic Biology - concepts to applications
24	Prof. J.L. Rathod	i) Sustainable utilisation of marine fishery resources ii) Sources of marine pollution and bioremedial measures
25	Dr. R. Ramesh	Ralstonia solanacearum: A versatile plant pathogenic bacterium



26	Prof. S. Kerkar	Bioactive compounds from Marine organisms
27	Dr. S.S. Mitbavkar	Marine microalgae: Diversity, ecology & biogeochemistry
28	Prof. Sanjeev Ghadi	Bioprospecting of Seaweed holobionts
29	Prof. H. Kaur	Food Borne Parasites - A Public Health Concern
30	Prof. S.K. Shyama, (Rtd.)	Genetic Toxicology
31	Prof. Utpal Roy	i)Vertebrate Cell Cycle Control: An Interplay of Diverse Tumor Suppressor and Proto-oncogenes ii) Post-translational Modifications of Certain Proto-oncogene Products, Signal Transduction and Drug-discovery
32	Prof A . Sonawane	Development of next generation drugs for human diseases



UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
 Refresher Course Life Sciences (Inter/Multi-disciplinary)
 from 11-01-2022 to 24-01-2022

Name of the Participants & their Presentation Topics

Sr. No	Name of Participants	Participants Presentation Topic
1	Dr. Avelyno H. Dcosta	Environmental Toxicology
2	Dr. Bhakti Salgaonkar	Bio prospecting of Halophilic Archaea from solar salterns of India
3	Dr. Chanda Vikrant Berde	Marine environment
4	Dr. Dhermendra Kumar Tiwari	Bioinstrumentation
5	Dr. Lakshangy Suresh Charya	Bioremediation
6	Dr. Sanika D. Samant	Interaction of Haloarchaea with metal ions
7	Dr. Sheryanne Velho Pereira	MnO ₂ nanoparticles : promise to abate the threat of MDR strains
8	Dr. Sushanta Dharma Sapte	Rhizosphere Microbiome
9	Dr. Amarpal Singh	Area of Interest – Entomology
10	Dr. Arunava Mandal	Study of mechanism of regulation of E3 ubiquitin ligase gene during tomato leaf curl virus infection in tomato
11	Dr. Asha Vilas Ramteke	Studies on the Tongue of some species of Indian Bats (Specialization Mammalian Physiology)
12	Dr. B. Satyanarayana	Pathophysiology
13	Dr. Babita Rana	Plant tissue culture, culturing of Microalgae and Angiosperm taxonomy
14	Dr. Bimbisar Dayanand Waghmare	Fisheries
15	Dr. Dinesh Kisanrao Dabhadkar	Molecular and Reproductive Biology
16	Dr. Durga Sitaram Patkar	Related specialisations can be based on a specific species their behaviour, technologies or ecosystem
17	Mrs. Gauri Ashish Bhawkar	Microbiologist
18	Dr. Kalpana Sisodia	Comparative studies on population dynamics, growth and fecundity of a carp (<i>Labeo calbasu</i>) and a cat (<i>Mystus bleekeri</i>) of river narmada)
19	Dr. Mayavati Satish Patil	Biotechnology
20	Dr. Maumita Bandyopadhyay	Cytogenetics and biotechnology
21	Dr. M. Ayyanar	Brief biography
22	Dr. M. Chandrasekaran	Bio active substances
23	Smt. Patil Jayshree Madhavrao	Soil Salinity
24	Dr. Prashant Chakrapani Shahare	Area of specialization : Algae
25	Dr. P.S. Baghel	Morphological, Anatomical and Phytochemical studies on traditional medicinal plants
26	Dr. Punam Sureshsigh Thakur	Phylogenetic status of species of snakes in India
27	Mrs. Rashmi Patel	Avian diversity
28	Ms. Renu Narendralal	The lifestyle and eating habits of people
29	Dr. R. Ramasubbu	Role of plant reproductive biology in conservation
30	Dr. Shaina TJ	In biology, systematic is the study and classification of living things
31	Ms. Shamali Dilip Khalatkar	Endophytic fungi
32	Ms. Shanti Vasudevan C.N	Increasing demand for medicinal plants during recent years



33	Dr. Shankar Mondal	Area of Research interests
34	Ms. Sonali Nanasahab Gawande	Oral Microbiologh
35	Dr. Suptotthita Choudhury	Diversity of Orchids in India
36	Dr. S. Ganesan	Member review board of cancer biology and treatment
37	Dr. S. Rehan Ahmad	Background behind my interest
38	Dr. Waghmare Shivaji Subhash	Bionanotechnology



UGC-Human Resource Development Centre

Goa University

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

Held from 11-01-2022 to 24-01-2022

Total number of Participants 38 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	73.68%	26.31%	--	--
B) Period of training	86.84%	13.15%	--	--
C) Contents of the Course	89.47%	10.52%	--	--
D) Methods followed	81.57%	18.42%	--	--

o/c

Benefits of training	Very High	High	Moderate	Negligible	No. Response
A)In the area of knowledge	86.84%	13.15%	--	--	--
B)In the area of skill	57.89%	39.47%	2.63%	--	--
C)In the area Of attitude	76.31%	23.68%	--	--	--

Hostel facilities:

Are you satisfied with accommodation?

Yes	No	N.A.	No Response
2.63%	2.63%	44.73%	50.00%

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.)



UGC-Human Resource Development Centre

Goa University

Refresher Course in Life Sciences (Inter/Multi-disciplinary)
from 11-01-2022 to 24-01-2022

Participants Details

Sr. No	Name of the participants	College address	Mobile No	Email ID of participants
1	Dr. Avelyno H. Dcosta	Dept of Zoology Goa University	7972384464	avelyno@unigoa.ac.in
2	Dr. Bhakti Salgaonkar	Dept of Microbiology, Goa University	7030965962	bhakti@unigoa.ac.in
3	Dr. Chanda Vikrant Berde	School of Earth Ocean and Atmospheric Sciences Goa University	9560360635	chanda.berde@unigoa.ac.in
4	Dr. Dhermendra Kumar Tiwari	Dept of Biotechnology Goa University	9877434670	dhermendratiwari@gmail.com
5	Dr. Lakshangy Suresh Charya	Dept of Microbiology	9850242826	lakshangy@unigoa.ac.in
6	Dr. Sanika D. Samant	Dept of Biotechnology Goa University	9764449241	sanika.samant@unigoa.ac.in
7	Dr. Sheryanne Velho Pereira	St Xavier College Mapusa Goa	9822014592	sheryvelho@gmail.com
8	Dr. Sushanta Dharma Sapte	Govt College of Arts Science and Com Khandola Marcel Goa	9420687566	microsush1974@gmail.com
9	Dr. Amarpal Singh	Shankarlal Agrawal Science College Salekasa Mahatrashttra	9520951322	bhadauriya.amar@gmail.com
10	Dr. Arunava Mandal	Dept of Genetics Kolkata, West Bengal	8240856720	arunavama@gmail.com
11	Dr. Asha Vilas Ramteke	Seth Krsarimal Porwal College Kamptee Nagpur Mahatrashttra	7057624600	asharamteke08@gmail.com
12	Dr. B. Satyanarayana	Sri. Krishnadevaraya University Anantapur, Andra Pradesh	9440430462	sathiserisk@yahoo.in
13	Dr. Babita Rana	G.N Khalsa College Matunga Mahatrashttra	9702263507	babita.rana@gnkhalsa.edu.in
14	Dr. Bimbisar Dayanand Waghmare	Netaji Subhashchandra Bose Arts sci and com College Nnaded Mahatrashttra	9960216558	bimbisar.16@gmail.com
15	Dr. Dinesh Kisanrao Dabhadkar	Gopikai Sitaram Gawande Mahavidyalaya Umarchand Yavatmal Mahatrashttra	9850764332	dabhadkar@gsgcollege.edu.in
16	Dr. Durga Sitaram Patkar	Ramnarain Ruia Autonomous College Mumbai Mahatrashttra	9869608960	durgapatkar@ruicollege.edu
17	Mrs. Gauri Ashish Bhawkar	Fergusson College Autonomous Pune Mahatrashttra	9921663617	gaurianekar@gmail.com
18	Dr. Kalpana Sisodia	Sbn Government P.G College Barwani Madhya Pradesh	9893500836	kalpnamujalde@gmail.com



19	Dr. Mayavati Satish Patil	Dept of Biotechnology Govt Institute of Science Aurangbad Mahatrashtia	9421513311	patilmsgis@gmail.com
20	Dr. Maumita Bandyopadhyay	Dept of Botany University of Cuicutta	9830324204	mbbot@caluniv.ac.in
21	Dr. M. Ayyanar	A.V.V.M. Sri Pushpam College Autonomous Poondi Tamil Nadu	9940376005	asmayyanar@yahoo.com
22	Dr. M. Chandrasekaran	Arignar Anna Government Arts College Namakkal Tamil Nadu	9487022100	chandrualgae@gmail.com
23	Smt. Patil Jayshree Madhavrao	Doodhsakhar Mahavidyalaya Birdi Kolhapur Mahatrashtia	9284775994	Shubhangijmp@gmail.com
24	Dr. Prashant Chakrapani Shahare	Dhote Bandhu Science College Gondia , M.S.	9421701167	pcshahare@gmail.com
25	Dr. P.S. Baghel	Govt Girls P.G College Ujjain Madhya Pradesh	9407115852	baghelps02@gmail.com
26	Dr. Punam Sureshsigh Thakur	Shankarlal Agrawal Science College Salekasa Maharashtra	9420632854	Ps.thakur06@gmail.com
27	Mrs. Rashmi Patel	Govt Bilasa Girls P.G College Bilaspur Chhattisgarh	9424146052	rashmipatel1010@gmail.com
28	Ms. Renu Narendralal	Smt Chandibai Himmathmal Mansukhani Ultiasnagar Mahatrashtia	7977174401	renu.nj24@gmail.com
29	Dr. R. Ramasubbu	The Gandhigram Rural Institute (Deemed to be University) Tamil Nadu	9488591719	racprabha@gmail.com
30	Dr. Shaina TJ	All Saints College Thiruvananthapuram Kerala	9497271724	shainawilliam@gmail.com
31	Ms. Shamali Dilip Khalatkar	Shri Mathuradas Mohata College Science Nagpur Maharashtra	8600044153	shamalidkhalatkar@gmail.com
32	Ms. Shanti Vasudevan C.N	Maharajas College Ernakulam Kerala	8086130206	shanti@maharajas.ac.in
33	Dr. Shankar Mondal	L.S.M Govt P.G College Uttarakhand	7351111497	shankar.mondal@gmail.com
34	Ms. Sonali Nanasahab Gawande	Shri. R.L.T College of Science Akola Maharashtra	9421110395	sonalingawande@gmail.com
35	Dr. Suptotthita Choudhury	Gurudas College Kolkata, West Bengal	9433388865	supto4@gmail.com
36	Dr. S. Ganesan	A.V.V.M. Sri Pushpam College Autonomous Poondi Tamil Nadu	9942282030	ganesanmolbio@gmail.com
37	Dr. S. Rehan Ahmad	Hiralal Mazumdar Memorial College For Women, W.B.	9332094070	zoologist.rehan@gmail.com
38	Dr. Waghmare Shivaji Subhash	Fergusson College Autonomous ,Pune,MS	9420660745	shivajiwaghmare@gmail.com

