



PONDICHERRY UNIVERSITY
(A Central University)
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
(UGC-HRDC)

Course Name: Refresher Course in Environmental Science & Geo Sciences
 Duration: 02.01.2018 to 22.01.2018

SCHEDULE

Date	ForeNoon 10:00AM – 1:00PM	AfterNoon 2:00PM – 5 :00PM
02.01.2018 Tuesday	Registration & Inauguration	1. Mosquito-vector borne diseases: Epidemiology and Control 2. Application of RS and GIS in Vector Surveillance and Prediction of disease transmission Dr. S. Sabesan Senior Consultant [Formerly Director Gr. Scientist], Vector Control Research Centre (ICMR), Pondicherry
03.01.2018 Wednesday	1. Carbon sequestration in vegetation and human impacts 2. Blue carbon sequestration, seagrass ecosystem and conservation Prof. N. Parthasarathy Dean, School of Life Sciences Pondicherry University	Remote Sensing and GIS in Coastal Zone management Dr. Muthushankar Head of GIS Projects French Institute of Pondicherry Puducherry
04.01.2018 Thursday	Earth materials: Minerals, rocks and ores Prof. M.S. Pandian Dept. of Earth Sciences Pondicherry University	Ticks & Mites borne Diseases: Epidemiology and Control Dr. C. Sadanandane Scientist-D, Vector Control Research Centre (ICMR), Pondicherry
05.01.2018 Friday	Environmental Ethics Prof. D. Narasimhan Chennai	Geoinformatics in the field of water resource management Dr. Sneha Soosai John Puducherry Water Resources Organization
06.01.2018 Saturday	Environmental Forensics and Mass Spectrometry Prof. Ramaswamy Babu Rajendran Registrar (i/c) Bharathidasan University, Tiruchirappalli	1. Effect of changes in salinity on aquatic organisms 2. Tips for paper writing in Ecological journals Prof. R. Nagarajan Principal AVC College, Mayiladuthurai
08.01.2018 Monday	1. Environmental Degradation - major causes and challenges 2. Green technology for waste management Prof. E.V. Ramasamy Director School of Environmental Sciences, MG University, Kottayam	Global Climate Change Prof. Rajneesh Bhutani Dept. of Earth Sciences Pondicherry University
09.01.2018 Tuesday	Built Environment and Lifestyle diseases Dr. L. Subitha, Preventive and Social Medicine, JIPMER, Puducherry	Climate change & Tropical forest dynamics Dr. Cheryl D. Nath Institute of Wood Science & Technology, Bangalore
10.01.2018 Wednesday	Mangroves for the future Dr. K. Kathiresan Professor-Emeritus UGC-BSR Faculty Fellow Formerly Dean, Director & Syndicate Member	Health Effects of Environmental Pollution Dr. R. Manju Pulmonary Medicine, JIPMER Puducherry

	Centre of Advanced Study in Marine Biology Annamalai University, Chidambaram	
11.01.2018 Thursday	Weathering and Geochemical Cycling Prof. Pramod Singh Dept. of Earth Sciences Pondicherry University	Seminar
12.01.2018 Friday	1. <i>Spirulina</i> cultivation and its health benefits 2. Utilization of microbes for human development Prof. A. David Ravindran Dean, School of Sciences Gandhigram Rural Instt. Gandhigram	1. Environmental Impact Assessment 2. Basics of Global warming Prof. Muthukumar Muthuchamy Dean, School of Earth Science Systems Central University of Kerala, Kasaragod
13.01.2018 Saturday	Anthropocene and Habitat loss: Cost Benefit analysis of destruction, fragmentation and degradation Dr. Zareena Begum I Madras School of Economics, Chennai	Seminar
16.01.2018 Tuesday	1. Origin of Universe and Nucleosynthesis of elements 2. Early evolution of the Earth Prof. S. Balakrishnan Dept. of Earth Sciences, Pondicherry University	Hyperspectral Remote Sensing for mineral exploration Dr. K. N. Kusuma Dept. of Earth Sciences, Pondicherry University
17.01.2018 Wednesday	Ebola: Nature's 'bat'ting call against human disruption of forest ecosystem? Prof. EM Shankar Head Department of Life Sciences Central University of TN, Tiruvarur	Evolution of land Prof. Rajneesh Bhutani Dept. of Earth Sciences Pondicherry University
18.01.2018 Thursday	Food and water-borne infections: Newer paradigms of disease control Prof. EM Shankar Head Department of Life Sciences Central University of TN, Tiruvarur	Examination and Field Visit
19.01.2018 Friday	Environmental Archaeology Prof. K. Rajan Dept. of History Pondicherry University	1. Reduce, reuse and recycle bio-resources to reduce pollution and for sustainable development 2. Ethnobotany: an indigenous knowledge of tribals, a lead for novel therapeutics Prof. R. Kumuthakalavalli Professor and Head Department of Biology Gandhigram Rural Instt. Gandhigram
20.01.2018 Saturday	Capture and CO ₂ sequestration Prof. K. Palanivelu Director, Centre for Climate Change and Adaptation Research Anna University, Chennai	1. Basic concepts of spatial science and GIS 2. Applications of GIS Prof. R. Jeganathan Head, Dept. of Geography, University of Madras
21.01.2018 Sunday	1. Drug Discovery from Traditional Medicines, 2. Conservation of Endemic and Threatened Plants of the Kalakkad-Mundanthurai Tiger Reserve in India Prof. M.B. Viswanathan Head Dept. of Botany, Bharathidasan University	Hydrogeology Dr. K. Srinivasamoorthy Dept. of Earth Sciences, Pondicherry University
22.01.2018 Monday	Feedback & Evaluation	Valedictory Session

LIST OF PARTICIPANTS

Sl.No	Participants Details
1.	S. Mithira Assistant Professor of Chemistry Periyar Govt. Arts College, Cuddalore
2.	P. Pavadai Assistant Professor of Botany Periyar Govt. Arts College, Cuddalore
3.	M. Tamilselvi Assistant Professor of Chemistry Thiru Kolanjiappar Govt. Arts College, Virudhachalam
4.	G. Sundaraselvan Assistant Professor of Chemistry Thiru Kolanjiappar Govt. Arts College, Virudhachalam
5.	K. Veeramuthu Assistant Professor of Physics Thiru Kolanjiappar Govt. Arts College, Virudhachalam
6.	C. Palanivel Assistant Professor of Chemistry Govt. Arts College, C.Mutlur, Chidambaram
7.	Anandhy. K Assistant Professor of Chemistry Periyar Govt. Arts College, Cuddalore.
8.	S. Nalini Assistant Professor of Chemistry Periyar Govt. Arts College, Cuddalore.
9.	Dr. K. Shanmugan Assistant Professor of Chemistry Govt. Arts College, C.Mutlur, Chidambaram
10.	T. Rajasekaran Assistant Professor of Geology Thiru A Govindasamy Govt. Arts College, Tindivanam
11.	S. Nagaraj Assistant Professor of Botany University of Madras, Chennai
12.	M. Chitra Assistant Professor of Chemistry Chellammal Women's College, Chennai.
13.	Dr. A.Subashini Assistant Professor of Zoology Chellammal Women's College, Chennai.

14.	Dr. C. Revathi Assistant Professor of Chemistry Chellammal Women's College, Chennai.
15.	R. Santhi Assistant Professor of Chemistry Govt. Arts and Science College, Thiruvannamalai.
16.	K. Velvizhi Assistant Professor of Physics Thiru Kolanjiappar Govt. Arts College, Vriddhachalam
17.	R. Murugesan Assistant Professor of Physics Thiru Kolanjiappar Govt. Arts College, Vriddhachalam
18.	K. Arulvani Assistant Professor of Chemistry Thiru Kolanjiappar Govt. Arts College, Vriddhachalam
19.	Dr. C. Shiyamala Assistant Professor of Chemistry Thiru Kolanjiappar Govt. Arts College, Vriddhachalam
20.	C. Uma Assistant Professor of Chemistry Avvaiyar Govt. College for Women , Karaikal.
21.	Dr. D. Thirumalai Assistant Professor of Chemistry Thiruvalluvar University, Vellore
22.	V. Mariappan Assistant Professor of Botany Raja Doraisingam Govt. Arts College, Sivagangai
23.	R. Ananthavalli Assistant Professor of Zoology Arumuga Pillai Seethai Ammal College, Thiruppathur, Sivagangai Dt.
24.	Dr. S. Balaselvakumar Assistant Professor of Geography Periyar EVR College, Kajamalai, Trichy
25.	M. Senthil Assistant Professor of Chemistry Kandaswami Kandar's College, Velur, Namakkal Dt.
26.	Dr. S. Dhanakumar Assistant Professor of Environmental Science PSG College of Arts and Science, Coimbatore
27.	M. Pugalenthil Assistant Professor of Botany Govt. Arts College, Coimbatore
28.	O. Sathick Assistant Professor of Zoology Khadir Mohideen College, Adirampattinam

29.	L. Sakthi Kumar Assistant Professor of Chemistry S. B. K College, Aruppukottai
30.	K. Shanmugha Prasad Assistant Professor of Chemistry S. T. Hindu College, Nagercoil
31.	Dr. D. Anbuvel Assistant Professor of Chemistry Vivekananda College, Agasteeswaram
32.	Dr. J. Angel Mary Greena Assistant Professor of Chemistry Arignar Anna College, Aralvaimozhi
33.	T. Subramanian Assistant Professor of Chemistry Saiva Bhanu Kshatriya College, Aruppukottai
34.	M. Jayendran Assistant Professor of Botany Govt. Arts College, Udumalpet
35.	T. Urumandaraja Elango Assistant Professor of Botany Govt. Arts College, Udumalpet
36.	Dr. P. J. Jegan Babu Assistant Professor of Physics N M Christian College, Marthandam
37.	S. Chidambaram Pillai Associate Professor of Botany V O Chidambaram College, Tuticorin Dt.
38.	R. Murugeswari Assistant Professor of Physics Sree Sevugan Annamalai College, Devakottai, Sivagangai Dt.
39.	Dr. S. Karuppusamy Assistant Professor of Botany The Madura College, Madurai
40.	K. Sasikumar Assistant Professor of Zoology Kandaswami Kandar's College, Velur, Namakkal Dt.
41.	R. Prema Rani Assistant Professor of Physics Arumugam Pillai Seethai Ammal College, Thiruppattur, Sivagangai DT.
42.	Dr. N. Shanthi Preya Assistant Professor of Zoology Sri Parasakthi College for Women, Courtallam
43.	Tamil Selvi. V Assistant Professor of Physics Pioneer Kumaraswamy College, Nagercoil

44.	Dr. B. Christudhas Williams Assistant Professor of Botany Scott Christian College, Nagercoil
45.	Dr. Sijin Kumar A. V Assistant Professor of Geology Central University of Kerala, Kerala
46.	Jeemol P A Assistant Professor of Chemistry M E S Mampad College, Malappuram (KL)
47.	Suresh V. Nampoothiri Assistant Professor of Chemistry Sree Krishna College, Guruvayur
48.	Dr. Abi T G Assistant Professor of Chemistry Sacred Heart College, Thevara, Kochi
49.	Suraj P R Assistant Professor of Geology Government College, Kottayam
50.	Dr. Shaina T J Assistant Professor of Botany All Saints' College, Trivandrum
51.	Dr. Smita Salunke Assistant Professor of Environmental Studies Akbar Peerbhoy College of Commerce & Eco, Mumbai (MH)
52.	Dr. Raut Machindra Nagnath Assistant Professor of Geology Baburao Patil College of Arts & Science, Angar (MH)
53.	Betty Dasgupta Assistant Professor of Carpet and Textile Technology Indian Institute of Carpet Technology, Bhadohi (UP)
54.	Mihir Tanay Das Assistant Professor of Environmental Science Fakir Mohan University, Nuapadhi, Odisha
55.	Chubazenba Imsong Assistant Professor of Chemistry Fazl Ali College, Mokokchung, Nagaland.

LIST OF RESOURCE PERSONS

Sl.No.	Name
1.	Dr. S. Jayakumar, PU (Coordinator)
2.	Dr. S. Sabesan, PY
3.	Prof. N. Parthasarathy, PU
4.	Dr. Muthushankar, PY
5.	Prof. M.S. Pandian, PU
6.	Dr. C. Sadanandane, PY
7.	Prof. D. Narasimhan, Chennai
8.	Dr. Sneha Soosai John, PY
9.	Prof. Ramaswamy Babu Rajendran, Trichy
10.	Prof. R. Nagarajan, Mayiladuthurai
11.	Prof. E.V. Ramasamy, Kerala
12.	Prof. Rajneesh Bhutani, PU
13.	Dr. L. Subitha, PY
14.	Dr. Cheryl D. Nath, Bangalore
15.	Dr. K. Kathiresan, AU
16.	Dr. R. Manju, PY
17.	Prof. Pramod Singh, PU
18.	Prof. A. David Ravindran, Dindigul
19.	Dr. N. Arumugam, PU
20.	Dr. Zareena Begum, Chennai
21.	Prof. S. Balakrishnan, PU
22.	Dr. K. N. Kusuma, PU
23.	Prof. EM Shankar, Thiruvarur
24.	Prof. Rajneesh Bhutani, PU
25.	Prof. EM Shankar, Thiruvarur
26.	Prof. K. Rajan, PU
27.	Prof. R. Kumuthakalavalli, Dindigul
28.	Prof. K. Palanivelu, Chennai
29.	Prof. R. Jeganathan, Chennai
30.	Prof. M.B. Viswanathan, Trichy
31.	Dr. K. Srinivasamoorthy, PU

