



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

Course Name: Refresher Course in Chemical, Physical and Material Sciences
Duration: 14.06.2019 - 27.06.2019

SCHEDULE

Date	Fore Noon 10:00AM – 1:00PM	After Noon 2:00PM – 5:00PM
14.06.2019 Friday	Inauguration Prof. S. Balakrishnan, Director, PU	Navigation Sensor Prof. Sree Ramana, HYD
15.06.2019 Saturday	Science & Engg. With Mathematica: Unique approach Prof.G. Govindaraj, PU	Gravity Probe: Super Conducting Gyroscope Prof. Sree Ramana, HYD
17.06.2019 Monday	Molecular Dynamics Dr. G. Ramachandran, PU	Science Teaching & learning in 21 st Century Dr.G. Vasuki, PU
18.06.2019 Tuesday	Novel Strategies for activation and functionalisation of hydro carbon, dinitrogen, carbon di oxide Prof. C. Sivasankar, PU	Challenges & Operutnities in Nano structured material for clean energy & biotechnology Dr. Vadivel Murugan, PU
19.06.2019 Wednesday	Quantum information, computation & Communication- I Prof. T. Mahesh, Pune	Solar Physics Dr. Sankar, ISRO
20.06.2019 Thursday	Quantum information, computation & Communication- I Prof. T. Mahesh, Pune	Preparation of NANO structural Materials Prof. A. Subramania
21.06.2019 Friday	Structure and Bonding in Inorganic Compounds Prof. Gurmeet Singh, Vice-Chancellor, PU	Amphiphilic block co polymer through Anionic Polymerisation Prof. K. Tharanikkarasu, PU
22.06.2019 Saturday	Electronic structure and Bonding from Moleales to materials Dr. M M Balakrishna Rajan, PU	Mass spectroscopy of peptide & Proteins Dr. Sabareesh, VIT
24.06.2019 Monday	Synthetic Organic electro chemistry Dr. D. Vasudevan, CECRI	NMR : Principles Prof. P. K. Madhu, TIFR, HYD
25.06.2019 Tuesday	Protein NMR Spectroscopy Prof. P. K. Madhu, TIFR, HYD	Indian Science and Cosmology Dr. Kannan Jegathala Krishnan, Perambalur
26.06.2019 Wednesday	Equilibrium and Non equilibrium statistical Mehanism Dr. S V M Sathyannarayana, PU	Managing Emotions Dr. B. Rangaiah, PU

27.06.2019 Thursday	Evaluation and Feedback	Valedictory Session Prof. Gurmeet Singh, Vice-Chancellor, PU
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LIST OF PARTICIPANTS

Sl. No	Name & Details
1.	Toka Swu Assistant Professor of Chemistry Pondicherry University
2.	S. Suresh Assistant Professor of Chemistry Arignar Anna Govt. Arts College, Villupuram
3.	R. Banureka Assistant Professor of Chemistry Periyar Arts College, Cuddalore
4.	M. Gnanavel Assistant Professor of Physics Periyar Arts College, Cuddalore
5.	D. Vijayan Assistant Professor of Physics Periyar Arts College, Cuddalore
6.	Suganya. R Assistant Professor of Physics Govt. Arts College, Tiruvannamalai
7.	S.Kamatchi Assistant Professor of Chemistry Govt. Arts College, C.Mutlur
8.	A. Anitha Assistant Professor of Chemistry Govt. Arts College, C.Mutlur
9.	Dharma Swaminathan Assistant Professor of Physics Quaid E Millath Govt. College for Women, Chennai
10.	D. Sankar Assistant Professor of Physics The New College, Chennai
11.	V S Jamal Ahamed Assistant Professor of Chemistry The New College, Chennai

12.	H. Thajudeen Assistant Professor of Chemistry The New College, Chennai
13.	V. Dhanalakshmi Assistant Professor of Chemistry Bharathi Women's College, Chennai
14.	A. Shanavas Assistant Professors of Chemistry The New College, Chennai
15.	S E Joema Assistant Professor of Physics Nesamony Memorial Christian College, Marthandam, KK Dist.
16.	Tamilselvi. V Assistant Professor of Physics Pioneer Kumaraswamy College, Nagercoil
17.	P. Suja Prema Rajini Assistant Professor of Physics TDMNS College, T.Kallikulam, Tirunelveli Dist.
18.	R. Priseilla Assistant Professor of Physics A D M College for Women (Autonomous), Nagapattinam
19.	N. Prabha Assistant Professor of Chemistry A D M College for Women(Autonomous), Nagapattinam
20.	R. Pagutharivalan Assistant Professor of Chemistry H H The Rajah's College, Pudukkottai
21.	J. Winfred Jebaraj Assistant Professor of Chemistry St. John's College, Palayamkottai
22.	M. Vijayalakshmi Assistant Professor of Physics A V C College(Autonomous),Mannampandal, Mayiladuthurai
23.	Arun. S Assistant Professor of Chemistry Christ College, Irinjalakuda, kerala
24.	Sreedev. P Assistant Professor of Chemistry Govt. College Kasaragod, Kerala
25.	Satheesh Kumar K V Assistant Professor of Chemistry Govt. College, Kasaragod, Kerala
26.	Rajesh S R Assistant Professor of Physics Sanatana Dharma College, Alappuzha, Kerala
27.	Jayasheelan. A Assistant Professor of Physics Maharani Science College for Women, Bangalore

28.	Shivakumara. J Assistant Professor of Physics Maharani's Science College for Women, Bangalore
29.	Mohan Keshava K K Assistant Professor of Electronics Maharani's Science College for Women, Bangalore
30.	Chandrashekaraiah Assistant Professor of Physics Govt. First Grade College, Kunigal, Karnataka
31.	Amol Vishnudas Patil Assistant Professor of Physics I C S College of Arts, Commerce & Science, Khed, Ratnagiri, Maharashtra
32.	Ghumbre Sushil Keshavrao Assistant Professor of Chemistry I C S College of Arts, Commerce & Science, Khed, Ratnagiri, Maharashtra
33.	Trupti Shivaji Tawde Assistant Professor of Chemistry K J Somaiya College of Science and Commerce Vidyavihar, Mumbai
34.	Aniket Anil Pawanoji Assistant Professor of Chemistry K J Somaiya College of Science and Commerce Vidyavihar, Mumbai
35.	Mahadev Vilas Gaikwad Assistant Professor of Chemistry Baburao Patil College of Arts & Science, Angar, Solapur Maharashtra
36.	Rati Kanta Bera Assistant Professor of Chemistry Army Cadet College Wing, Indian Military Academy, Dehradun
37.	Jatinder Singh Assistant Professor of Chemistry Guru Nanak College, Budhlada, Punjab
38.	Karamjit Singh Assistant Professor of Physics Punjabi University, Patiala
39.	Sukhpal Singh Assistant Professor of Physics Punjabi University, Patiala

LIST OF RESOURCE PERSONS

Sl.No	Name of the Resource Person & Topic
1.	Structure and Bonding in Inorganic Compounds Prof. Gurmeet Singh, Vice-Chancellor, PU
2.	Navigation Sensor Prof. Sree Ramana, HYD

3.	Science & Engineering with Mathematica: Unique approach Prof.G. Govindaraj, PU
4.	Gravity Probe: Super Conducting Gyroscope Prof. Sree Ramana, HYD
5.	Molecular Dynamics Dr. G. Ramachandran, PU
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20.	Equilibrium and Non equilibrium statistical Mehanism Dr. S V M Sathyanarayana, PU
21.	Managing Emotions Dr. B. Rangaiah, PU