

Department of Applied Science Madan Mohan Malaviya University of Technology Gorakhpur

TEQIP-II sponsored

Short Term Course on "Emerging Trends in Materials Science" (STCETMS-2017)
23-29 March-2017
Programme Schedule

Day 1	0930 Hrs to 1000 Hrs	Registration at ITRC Lounge
Thursday	1000 Hrs to 1045 Hrs	Inaugural Session
23.03.2017	10	Venue- Aryabhatt Hall, ITRC
	10	 Chief Guest- Prof. Onkar Singh, Hon'ble Vice Chancellor,
	The second	Madan Mohan Malaviya University of Tec <mark>h</mark> nology, Gorakhpur
		 Key Note Address by- Prof. Rajeev Prakash, Professor &
		Coordinator School of Materials Science and Technology
		Indian I <mark>nstitu</mark> te of Technology (BHU), Var <mark>a</mark> nasi
	1045 Hrs to 1115Hrs	High Tea at ITRC, Lounge
	1115 Hrs to 1215 Hrs	Session 1
	13/2	Venue- Aryabhatt Hall, ITRC
	3	Key Note Lecture- Prof. Rajiv Prakash
	20/2	Coordinator School of Materials Science and Technology
	1015 Ure to 1015 Ure	Indian Institute of Technology (BHU), Varanasi
	1215 Hrs to 1315 Hrs	Session 2
		Venue- Aryabhatt Hall, ITRC
		Speaker- Prof. Rajesh Prasad
		Department of Applied Mechanics, IIT Delhi, New Delhi
		Topic- Why is there no diamond cubic lattice?
	1315 Hrs to 1415 Hrs	Lunch at Applied Science Department
	1415 Hrs to 1545 Hrs	Session 3
		Venue- Aryabhatt Hall, ITRC
		Speaker- Prof. Rajesh Prasad
		Department of Applied Mechanics, IIT Delhi, New Delhi
		Topic- X-ray diffraction

	1545 Hrs to 1600 Hrs	Tea at ITRC, Lounge
	1600 Hrs to 1715 Hrs	Discussion
Day 2	1000 Hrs. to 1130 Hrs.	Session 4
Friday		 Venue- Conference Room, Applied Science Department
24.03.2017		Speaker- Dr. Kedar Singh
		School of Physical Sciences, Jawaharlal Nehru University New Delhi
		 Topic- Doping effect on semiconductor quantum dots
	1130 Hrs to 1200 Hrs	Tea at Applied Science Department
	1200Hrs to 1330 Hrs	Session 5
	0	 Venue- Conference Room, Applied Science Department
	olo a	Speaker - Dr. Kedar Singh
	15-810	School of Physical Sciences, Jawaharlal Nehru University New Delhi
	The last	 Topic- Synthesis and characterization of carbon nanotube
	12	containing chalcogenide glassy composites.
	1330 Hrs to 1430 Hrs	Lunch at Applied Science Department
	1430 Hrs to 1545 Hrs	Session 6
	17	 Venue- Conference Room, Applied Science Department
		Speaker- Prof. R.R. Yadav
	13 1	Department of Physics
	12 7 13	(UGC Centre of Advanced Studies)
	13	University of Allahabad, Allahabad
	15 45 Uno to 1/ 00 Uno	Topic-Ultrasonic applications Topic - Unitrasonic applications
	1545 Hrs to 1600 Hrs	Tea at Applied Science Department
	1600 Hrs to 1715 Hrs	Session 7
	19/9	Venue- Conference Room, Applied Science Department Speaker, Prof. P. P. Vedey
		Speaker- Prof. R.R. Yadav Department of Physics
		(UGC Centre of Advanced Studies)
		University of Allahabad, Allahabad
		Topic- nano fluids in coolant technology
Day 3	1000 Hrs. to 1130	Session 8
Saturday	Hrs.	Venue- Conference Room, Applied Science Department
25.03.2017		Speaker- Dr. Yogendra Kumar Prajapati
		Electronics and Communication Engineering Department
		Motilal Nehru National Institute of Technology (MNNIT), Allahabad

		Tonic Dala of materials in CDD consing
	1120 Hay to 1200 H	Topic - Role of materials in SPR sensing. The add Applied Science Reportment
	1130 Hrs to 1200 Hrs	Tea at Applied Science Department
	1200Hrs to 1330 Hrs	Session 9
		 Venue- Conference Room, Applied Science Department
		Speaker- Dr. Yogendra Kumar Prajapati
		Electronics and Communication Engineering Department
		Motilal Nehru National Institute of Technology (MNNIT),
		Allahabad
		 Topic - Advanced material realization using precise fabrication
		techniques
	1330 Hrs to 1430 Hrs	Lunch at Applied Science Department
	1430 Hrs to 1545 Hrs	Session 10
	alici	 Venue- Conference Room, Applied Science Department
	16-10	Speaker- Dr. S.N. Pandey
	The same of the sa	Department of Physics
	10	Motilal Nehru National Institute of Technology (MNNIT),
	10	Allahabad
	R -	Topic- Characterization techniques
	1545 Hrs to 1600 Hrs	Tea at Applied Science Department
	1600 Hrs to 1715 Hrs	Session 1
	2 10	 Venue- Conference Room, Applied Science Department
		Speaker- Dr. S.N. Pandey
	a la	Department of Physics
	13/1	Motilal Nehru National Institute of Technology (MNNIT),
	13/	Allahabadयु कोशलम
	(a)	Topic- Fractal analysis and its applications
Day 4	1000 Hrs. to 1130	Session 12
Sunday	Hrs.	Venue- Conference Room, Applied Science Department
26.03.2017		Speaker- Dr. S.K. Tripathi
		Head, Department of Physics
		Dean, School of Physical and Material Sciences
		Mahatma Gandhi Central University, Motihari
		Topic- Utilization of bio-waste for its application in energy
		storage
	1130 Hrs to 1200 Hrs	Tea at Applied Science Department
	1200Hrs to 1330 Hrs	Session 13
		Venue- Conference Room, Applied Science Department
		Speaker- Prof. A.C. Pandey

		Director, Institute of Interdisciplinary Studies,
		University of Allahabad, Allahabad
		Topic- High Fluence Ion Beam Facility at University of Allahabad
	1330 Hrs to 1430 Hrs	Lunch at Applied Science Department
	1430 Hrs to 1545 Hrs	Session 14
		Venue- Conference Room, Applied Science Department
		Speaker- Prof. Biswajit Ray
		Department of Chemistry
		Institute of Science, Banaras Hindu University
		Varanasi
	9	Topic - Controlled synthesis and application of poly(n- index a line of poly(
	15 45 Ump to 1/ 00 Ump	vinylpyrrolidone)-based polymers
	1545 Hrs to 1600 Hrs 1600 Hrs to 1715 Hrs	Tea at Applied Science Department Session 15
	1000 H/S 10 1/15 H/S	Ale
	18	 Venue- Conference Room, Applied Science Department Speaker- Prof. S.N. Shukla
	15	Head, Department of Physics & Electronics
	I K	Dr. Ram Manohar Lohia Avadh University, Faizabad
		Topic - Sziklai pairs in small signal amplifiers
	1000 11 1 1100	
Day 5	1 1000 Hrs. to 1130	Session 16
Day 5 Monday	1000 Hrs. to 1130 Hrs.	Session 16 Venue- Conference Room, Applied Science Department
Day 5 Monday 27.03.2017	Hre	 Venue- Conference Room, Applied Science Department
Monday	Hre	
Monday	Hre	 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta
Monday	Hre	 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta Department of Physics
Monday	Hre	 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta Department of Physics Institute of Science, Banaras Hindu University Topic- Some novel features & applications of selenium rich
Monday	Hre	 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta Department of Physics Institute of Science, Banaras Hindu University Topic- Some novel features & applications of selenium rich semiconducting glasses
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Monday	1130 Hrs to 1200 Hrs	 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta Department of Physics Institute of Science, Banaras Hindu University Varanasi Topic- Some novel features & applications of selenium rich semiconducting glasses Tea at Applied Science Department Session 17 Venue- Conference Room, Applied Science Department
Monday	1130 Hrs to 1200 Hrs	 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta Department of Physics Institute of Science, Banaras Hindu University Varanasi Topic- Some novel features & applications of selenium rich semiconducting glasses Tea at Applied Science Department Session 17 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta
Monday	1130 Hrs to 1200 Hrs	 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta Department of Physics Institute of Science, Banaras Hindu University Varanasi Topic- Some novel features & applications of selenium rich semiconducting glasses Tea at Applied Science Department Session 17 Venue- Conference Room, Applied Science Department Speaker- Dr. Neeraj Mehta Department of Physics
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	1545 Hrs to 1600 Hrs 1600 Hrs to 1715 Hrs	 Venue- Conference Room, Applied Science Department Speaker- Dr. R.K. Chauhan Department of Electronics & Communications Engineering
	9	Director, Old 139
	a Cid	Rajkiya Engineering College Azamgarh
	15-6	Topic- Recent advances in materials and their shaping
Day 6	1000 Hrs. to 1130	Session 20
Tuesday	Hrs.	 Venue- Conference Room, Applied Science Department
28.03.2017		Speaker- Dr. Rajesh Kumar
	16	Department of Chemistry
	7	Institute of Science, Banaras Hindu University Varanasi
		 Topic - Controlled living radical polymerization: application for
		bio-compatible synthetic polymeric materials
	1130 Hrs to 1200 Hrs	Tea at Applied Science Department
	1200Hrs to 1330 Hrs	Session 21
	3	 Venue- Conference Room, Applied Science Department
	Ohan Mala	Speaker- Dr. S. Krishnamoorthi
	Mala	Department of Chemistry
	.0	Institute of Science, Banaras Hindu University
		Varanasi Polymor in our life
	1330 Hrs to 1430 Hrs	 Topic- Polymer in our life Lunch at Applied Science Department
	1430 Hrs to 1545 Hrs	Session 22
	1430 111 3 10 1343 111 3	 Venue- Conference Room, Applied Science Department
		Speaker- Dr. V. Ganesan
		Department of Chemistry
		Institute of Science, Banaras Hindu University
		Varanasi
		Topic- Target analytes recognition using nanostructured

materials based on mesoporous silica, carbon nanotubes/graphene, and polymers 1545 Hrs to 1600 Hrs Tea at Applied Science Department Session 23 Venue- Conference Room, Applied Science Department Speaker- Dr. Arvind Mishra	
1545 Hrs to 1600 Hrs 1600 Hrs to 1715 Hrs Session 23 • Venue- Conference Room, Applied Science Department	
1600 Hrs to 1715 Hrs Session 23 • Venue- Conference Room, Applied Science Department	
Venue- Conference Room, Applied Science Department	
Speaker Dr Arvind Mishra	
Speaker - Dr. Ar viria iviisii a	
Department of Chemistry	
Institute of Science, Banaras Hindu University	
Varanasi	
Topic - Photophysical mechanisms and organic electronic	
properties of some molecular organic scaffolds	
Day 7 1000 Hrs. to 1130 Session 24	
Wednesday Hrs. • Venue- Conference Room, Applied Science Department	
29.03.2017 • Speaker- Prof. Anchal Srivastava	
Department of Physics	
Institute of Science, Banaras Hindu University	
Varanasi	
Topic- A journey from eye to electron microscope	
1130 Hrs to 1200 Hrs Tea at Applied Science Department	
1200Hrs to 1330 Hrs Session 25	
• Venue- Conference Room, Applied Science Department	
Speaker- Dr. A.N. Tiwari Department of Flootrical Engineering	
Department of Electrical Engineering Madan Mahan Malayiya University of Tochnology	
Madan Mohan Malaviya University of Technology,	
Gorakhpur districtions	
Topic- Electromagnetic materials and their applications	
1330 Hrs to 1430 Hrs Lunch at Applied Science Department	
1430 Hrs to 1530 Hrs Valedictory Session	
 Venue- Room No. AS 102, Applied Science Department 	
 Chief Guest- Prof. Onkar Singh, Hon'ble Vice Chancellor, 	
MMMUT	
 Presidential Address- Prof. D. K. Dwivedi, Chairman, STCETM 2017 	, –
Certificate Distribution	