

**Workshop on
SOLID STATE PHYSICS TO MATERIALS SCIENCE
August 19 – 21, 2009
Department of Physics, Pondicherry University**

ACADEMIC PROGRAMME

August 19, 2009, Wednesday

09:00 – 09:30	<i>Registration</i>	
09:30 – 10:00	<i>Inauguration</i>	
10:00 – 11:00	C. S. Sundar, IGCAR	<i>SSP2MS – A overview</i>
11:00 – 11:30	<i>Tea Break</i>	
11:30 – 12:00	<i>Introduction of participants</i>	
12:00 – 01:00	V. Ganesan, UGC-DAE CSR	<i>LTHM capabilities of UGC-DAE CSR Indore</i>
01:00 – 02:00	<i>Lunch Break</i>	
02:00 – 03:00	R. Shankar, IMSc	<i>You can't ignore quantum mechanics</i>
03:00 – 03:30	<i>Tea Break</i>	
03:30 – 04:30	B.M. Jafar Ali, Anna University	<i>Measurements and manipulation of life at nanoscale</i>
04:30 – 05:30	S. V. M. Satyanarayana, Pondi Univ	<i>Biological Materials</i>
05:30 – 06:30	Participants	<i>One minute presentations</i>

August 20, 2009, Thursday
Visit to IGCAR Kalpakkam

10:15 – 11:00	G. Amarendra, IGCAR	<i>Facilities and programmes at UGC-DAE CSR node at Kalpakkam</i>
11:00 – 11:30	<i>Tea Break</i>	
11:30 – 12:15	A. Bharathi, IGCAR	<i>Low temperature facilities and experiments on superconducting materials</i>
12:15 – 01:00	S. Dhara, IGCAR	<i>Nanomaterials research at Kalpakkam</i>
01:00 – 02:00	<i>Lunch</i>	
02:00 – 05:00	<i>Visit to Laboratories</i>	

August 21, 2009, Friday

09:00 – 10:00	A. Gupta, UGC-DAE CSR	<i>X-ray characterization of thin films and multilayers</i>
10:00 – 11:00	Valsa Kumar, IGCAR	<i>Computational materials science</i>
11:00 – 11:30	<i>Tea Break</i>	
11:30 – 12:00	<i>Reaction from participants</i>	
12:00 – 01:00	V. Ganesan, UGC-DAE CSR	<i>Measuring physical properties</i>
01:00 – 02:00	<i>Lunch</i>	
02:00 – 03:00	H. K. Sahu, IGCAR	<i>Nuances of data analysis</i>
03:00 – 03:30	<i>Tea</i>	
03:30 – 05:00	<i>Poster session</i>	
05:00 – 06:00	G. Baskaran, IMSc	<i>You can't ignore Kittel</i>