

5 Day TEQIP sponsored Short-term course on

Advanced Solar Collectors



14th December 2020 – 18th December 2020

PROGRAMME SCHEDULE

Online STC (through Google Meet)



Registration: by 10th December 2020

Day & Time	9.30 – 10.00 am	10.00 – 10.30 am	10.45 – 11.30 am	11.45 - 1.15 pm	2.30 – 4.00 pm
Day 1: 14/12	Inaugural Session*	L1 (PM)	L2 (PK)	L3 (PK)	L4 (PK)
Day & Time	10.00 – 11.30 am		11.45 - 1.15 pm		2.30 – 4.00 pm
Day 2: 15/12	L5 (PK)		L6 (PK)		L7 (PK)
Day 3: 16/12	L8 (PMK)		L9 (PK)		L10 (PK)
Day 4: 17/12	L11 (PA)		L12 (PI)		L13 (RU)
Day & Time	10.00 – 11.30 am		11.45 - 1.15 pm		2.30 – 4.00 pm 4.00 – 4.30 pm
Day 5: 18/12	L14 (DD)		L15 (DD)		L16 (PK) Valedictory session

***Inaugural Session (14/12/2020):**

- Welcome address
 - Speech by Head, Centre for Energy
 - Brief about TEQIP III (Head, CET)
 - Speech by Dy. Director
 - Vote of thanks
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List of resource persons with title of the talk

Lecture no.	Name	Tentative title of the talk
L1	Prof. Pinakeswar Mahanta (PM)	Energy scenario
L2	Dr. Pankaj Kalita (PK)	Fundamentals of solar energy, solar radiations, measuring instruments
L3	Dr. Pankaj Kalita (PK)	Solar Geometry
L4	Dr. Pankaj Kalita (PK)	Tutorial - I
L5	Dr. Pankaj Kalita (PK)	Formulation, design and testing of liquid flat plate collector
L6	Dr. Pankaj Kalita (PK)	Formulation, design and testing of solar air heater
L7	Dr. Pankaj Kalita (PK)	Tutorial - II
L8	Dr. Pankaj Kalita (PK)	Solar concentrating collectors
L9	Prof. P. Muthukumar (PMK)	Solar Thermal Applications
L10	Dr. Pankaj Kalita (PK)	Tutorial - III
L11	Prof. Pratima Agarwal (PA)	Solar photovoltaic fundamentals and material
L12	Prof. P. K. Iyer (PKI)	Smart material for advanced solar collector
L13	Prof. R. Uppaluri (RU)	Research methodology
L14	Mr. Dudul Das (DD)	Photovoltaic-thermal (PV/T) collectors
L15	Mr. Dudul Das (DD)	Tutorial - IV
L16	Dr. Pankaj Kalita (PK)	Thermal Energy Storage