

Faculty Development Program on Recent Trends in Nano-Electronics (RTNE-2018) 1-5 May 2018

1. **Title of the activity:** Faculty Development Program on Recent Trends in Nano-Electronics (RTNE-2018)

2. **Activity Detail :**

a. Objective:

The FDP aimed to provide a platform for expert technical exchange regarding the advance technologies and innovations in the field of nano science and engineering. The FDP drawn attention of faculty towards the field of nanoelectronics. The FDP looks for significant contributions to the applied sciences, engineering and nanotechnology in theoretical and practical aspects

b. Program detail:

Faculty Development Program on Recent Trends in Nano-Electronics (RTNE-2018) was jointly organized by Rajasthan Technical University, Kota & Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 1st May 2018 to 5th May 2018. This FDP was fully sponsored by RTU (ATU) under Technical Education Quality Improvement Program phase III (TEQIP-III).

This FDP was inaugurated by Dr. Rajiv Sharma, Director, Mission of Nano Science and Technology (Nano Mission), Department of Science & Technology, New Delhi and Secretary, Science and Engineering Research Board (SERB), Govt. of India, New Delhi and Dr. G. K. Prabhu, President, Manipal University Jaipur. In the Inauguration ceremony Sh. Jaipal Meel (Director-SKIT), Prof S L Surana (Director Academics SKIT), Prof. S. K. Calla (Director D&W, SKIT), Prof. Ramesh Kumar Pachar (Principal SKIT) and Prof Dharendra Mathur (Coordinator RTU TEQIP-III) were present. In the first session of the first day Prof. Kanupriya Sachdev, Head, Materials Research Centre, MNIT Jaipur give expert talk on Heterostructure Band Gap Engineering and Density of states. In the second session Prof S K Bhatnagar, Director (Research) SKIT shared his knowledge on the growth of Nanowires and its Applications. After these technical sessions 30 participants were visited MRC, MNIT and gain experimental knowledge on the fabrication and characterization of Nanomaterials/Thin Films. This visit gives experimental exposure to the participants. During this time, remaining participants were busy in assignments and open discussion on the topics of the expert lecture.

In the first session of day two, Dr. Ghanshyam Singh, Associate Professor, Department of ECE, MNIT, Jaipur enlighten to participants with his experience

on Photonics Integrated Devices and Systems (PIDS). After that three lab sessions were held for hands on practice of TCAD SIVACO for Solar Cells Simulation. After these sessions remaining 30 participants were visited MRC, MNIT and gain experimental knowledge on the fabrication and characterization of Nanomaterials/Thin Films. During this time, remaining participants were busy in assignments and open discussion on the topics of the expert lecture.

Day three was started with the expert lecture of Dr. Srinivasa Rao, Associate Professor, MNIT Jaipur. He enlightens the participants with different structural characterization technique and application of metal nanoparticles. One more session was kept for TCAD Silvaco for practice and problem solving. After that Dr. P K khanna gives his expert talk on MEMS and its packaging.

Beginning of day fourth session was enlightened and enriched by continued lecture of Dr. P K Khanna, Chief Scientist, CSIR-CEERI, Pilani who introduced the topics of applicatin sof MEMS .and enhanced our knowledge in real life application. Closely afterward Dr. Bipin Kumar Gupta, Scientist E, National Physical Laboratory, New Delhi took the session and elaborated teaching skills and comprehended the importance of a teacher to develop the students. The expert lecture was followed by the two enriching lab session of Dr. Amit Joshi, MNIT Jaipur who laid the seeds of Xilinx Vivado VLSI EDA tool and FPGA.

Commencement of fifth day was enthusiastic and informative due to the expert lecture of Dr. Bipin Kumar Gupta, Scientist E, National Physical Laboratory, New Delhi who emphasized on the areas of graphene and luminescence property of light. The expert lecture was followed by the two enriching lab session of Dr. Amit Joshi, MNIT Jaipur who took forward the the lab session of Xilinx Vivado VLSI EDA tool and FPGA.

The Event was ended with Valedictory function and certificate distribution to the participant. Prof. Dharendra Mathur (RTU Coordinator) thanks to organizing committee for successfully organizing the event.

c. Expected Outcome:

The FDP was organized so that the researchers working in the field of nanotechnology gain a good insight of new technologies and new research areas in the field of nanotechnology

d. Type: National

3. Details of the Activity

a. Resource person(External/Internal)

External
Dr. Rajiv Sharma, Director, Mission of Nano Science and Technology (Nano Mission), Department of Science & Technology, New Delhi , Secretary, Science and Engineering Research Board (SERB), Govt. of India, New Delhi
Dr. G. K. Prabhu President, Manipal University Jaipur
Prof. Kanupriya Sachdev, Head, Materials Research Centre, MNIT Jaipur
Dr. Ghanshyam Singh, Associate Professor, Department of ECE, MNIT, Jaipur
Mr. Nishant Kumar, Cognitive Design Technology Pvt. Ltd., Bangalore
Dr. Srinivasa Rao, Associate Professor, MNIT Jaipur
Dr. P. K. Khanna , Chief Scientist, CSIR-CEERI, Pilani
Dr. Bipin Kumar Gupta, Scientist E, CSIR-National Physical Laboratory, New Delhi
Dr. Amit Joshi, MNIT Jaipur
Internal
Prof. S. K. Bhatnagar, Director (Research), SKIT

b. No of participants: 66



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)

(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
1	Pravesh Saraswat Asst. Prof. SKIT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
2	Sumit Lakshawat Asst. Professor SKIT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Vikas Pathak Asst. Prof. SKIT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
4	Ajinkya Sharma Asst. Prof. SKIT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	Namrata Pathak Asst. Prof. SKIT	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)

(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
06	RAJNI IDIWAL Asst. Professor SKIT, JAIPUR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
07	Abhimanyu Jais Asst. Professor SKIT, Jaipur	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
08	Abhilasha Yadav Asst. Professor SKIT M&G, JAIPUR	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
09	Sakar Gupta Asst. Professor PCE, Jaipur	S	S	S	S	S	S	S	S	S	S
10	Sandeep Toshniwal Asst. Professor KITE, Jaipur	Scup	Scup	Scup	Scup	Scup	Scup	Scup	Scup	Scup	Scup



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)
(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
11.	Manoj Choudhary Assistant Professor SKIT, Jaipur	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj
12.	Pooja Choudhary Assistant Professor SKIT, Jaipur	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
13	Gloria Joseph Assistant Professor SKITMG Jaipur	Gloria	Gloria	Gloria	Gloria	Gloria	Gloria	Gloria	Gloria	Gloria	Gloria
14	Pallavi Raniwal Assistant Prof. SKITMG Jaipur	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi
15	Priyanka Sharma Asstt. Prof. SKIT, MG, Jaipur	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)
(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
16	Ruchika Jain (Asstt. Professor, SKIT)	Ruchika	Ruchika	Ruchika	Ruchika	Ruchika	Ruchika	Ruchika	Ruchika	Ruchika	Ruchika
17.	NINAY KANTHIAO (ASSISTANT PROFESSOR) SKIT	Ninay	Ninay	Ninay	Ninay	Ninay	Ninay	Ninay	Ninay	Ninay	Ninay
18	Kiran Rathu (Asso. Prof.) S.K.I.T.	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran	Kiran
19	Rahul Pandey (Asst. Prof.) S.K.I.T	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
20.	Neevraj Jain (Asstt. Professor) S.K.I.T.M.G	Neevraj	Neevraj	Neevraj	Neevraj	Neevraj	Neevraj	Neevraj	Neevraj	Neevraj	Neevraj



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)
(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
21	Richa Sharma Assistant Prof. SKIT, MEG, Jaipur	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa	Richa
22	Suman Sharma Asst. Prof. SKIT, MEG, Jaipur	Suman	Suman	Suman	Suman	Suman	Suman	Suman	Suman	Suman	Suman
23	Shanu Tejpathi Assistant Prof. SKIT MEG, Jaipur	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu
24	Dr. Sumita Gupta Associate Professor SKIT MEG, Jaipur	Sumita	Sumita	Sumita	Sumita	Sumita	Sumita	Sumita	Sumita	Sumita	Sumita
25	RAVI JANGI	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)
(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
26	HARSHAL NIGAM Asst. Prof. SKIT	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal
27	PANKAJ SONI Asst. Prof. SKIT	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj
28	SWETA SNEHI Asst. Prof. ANAND -JCE	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta
29	Vivek Bhojak HOS, SECE ANAND-JCE	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek	Vivek
30	Hemlata Panwar Asst. Prof. MGEC	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata	Hemlata



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)

(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
31	Yashwant K. (Tehro) SKIT (Asst. Prof)	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.
32	Shubhi Jain (Asst. Prof) SKIT	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.	Pres.
33	Dr. Shandersoni Associate Prof chem SKIT	Shand.	Shand.	Shand.	Shand.	Shand.	Shand.	Shand.	Shand.	Shand.	Shand.
34	Dr. Anchoas SKIT (Asst. Prof) SKIT	Asst. Prof	Asst. Prof	Asst. Prof	Asst. Prof	Asst. Prof	Asst. Prof	Asst. Prof	Asst. Prof	Asst. Prof	Asst. Prof
35	J.P. Mittal Associate Prof. (SKIT)	P	P	P	P	P	P	P	P	P	P



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)

(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
36	Lalit K. (Asst. Prof) SKIT A.C.S.	A	A	A	A	A	A	A	A	A	A
37	Maulik Jain JNIT, Jaipur	7	7	7	7	7	7	7	7	7	7
38	S. Sarabjeet Singh Asst. Prof. SKITMG	S	S	S	S	S	S	S	S	S	S
39	Pooja Gupta Apex Inst. (Asst. Prof.)	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
40	SHAILESH ARRABATI Asst. Prof. JECRC.	S	S	S	S	S	S	S	S	S	S



RAJASTHAN TECHNICAL UNIVERSITY, KOTA
&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)
(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
41)	CHITRANGH NATHIYL ASST. PROF. APEX, JAIPUR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
42)	Rajiv Kumar Associate Prof. SKIT, Jaipur	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj	Raj
43)	Dr. Renu Shyomy Associate Prof. GIT, Jaipur	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44)	Dr. Mukesh Asst. Prof. - SKIT	Muk	Muk	Muk	Muk	Muk	Muk	Muk	Muk	Muk	Muk
45)	Dr. Sandeep Vyas Associate Prof. JECRC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



RAJASTHAN TECHNICAL UNIVERSITY, KOTA
&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)
(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S.No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
46)	Deepak Bansal Asst. Prof. GIT, Jaipur	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep	Deep
47)	Mukesh chand Asst. Prof. PCE, Jaipur	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)	(M)
48)	Dr. Ruchi Sharma Asso. Prof. VIT, Jaipur	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi	Ruchi
49)	Shruti Kalra JECRC, Jaipur Associate Prof.	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
50)	Vipin Jain SKIT, Jaipur Associate Prof.	Vipin	Vipin	Vipin	Vipin	Vipin	Vipin	Vipin	Vipin	Vipin	Vipin



RAJASTHAN TECHNICAL UNIVERSITY, KOTA
&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)
(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S. No.	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
51.	Arvinder Sharma (Asst. Prof. SKIT)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
52.	Dr. Kamal Sharma (Asst. Prof. SKIT)	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal	Kamal
53.	Ajay Sharma (Assistant Prof. SKIT)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
54.	Dr. Rishi (Asst. Prof. SKIT)	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi	Rishi
55.	Raman K. Jain (Asst. Prof. SKIT)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



RAJASTHAN TECHNICAL UNIVERSITY, KOTA
&

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
RTU (ATU) TEQIP-III SPONSORED

Faculty Development Program on Recent Trends in Nano- Electronics (RTNE-2018)
(May 1-5, 2018)

VENUE: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DAILY ATTENDANCE SHEET

S. No.	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
56.	Dr. Manoj Dixit (Asst. Prof. SKIT)	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj	Manoj
57.	Dr. Brajraj Sharma (Asst. Prof. SKIT)	Brajraj	Brajraj	Brajraj	Brajraj	Brajraj	Brajraj	Brajraj	Brajraj	Brajraj	Brajraj
58.	Sushil Vishwakarma (Asst. Prof. SKIT)	Sushil	Sushil	Sushil	Sushil	Sushil	Sushil	Sushil	Sushil	Sushil	Sushil
59.	Sachin Kumar (Asst. Prof. SKIT)	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin
60.	Dr. Anil Dixit (Asst. Prof. SKIT)	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil



RAJASTHAN TECHNICAL UNIVERSITY, KOTA
 (Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur)
 RTU (ATU) TEQIP-III SPONSORED
 Faculty Development Programme on Recent Trends in Nano-Electronics (RTNE-2018)
 (01st May 2018 – 5th May 2018)
 VENUE: SKIT, Jaipur



DAILY ATTENDANCE SHEET

S. No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
61	SHWETA AMARON Asst. Prof. Shankara Smriti Ankit Agrawal	Shweta	Shweta	Shweta	Shweta	Shweta	Shweta	Shweta	Shweta	Shweta	Shweta
62	Asst. Prof. SKIT, Jaipur.	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit	Ankit
63	Dr. Mukesh Kr. Gupta	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh	Mukesh
64	Dr. Swati Arore	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati	Swati
65	Dr. Rakesh Zafar Associate Prof.	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh



RAJASTHAN TECHNICAL UNIVERSITY, KOTA
 (Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur)
 RTU (ATU) TEQIP-III SPONSORED
 Faculty Development Programme on Recent Trends in Nano-Electronics (RTNE-2018)
 (01st May 2018 – 5th May 2018)
 VENUE: SKIT, Jaipur



DAILY ATTENDANCE SHEET

S. No	Name, Designation and Affiliation	01.05.2018		02.05.2018		03.05.2018		04.05.2018		05.05.2018	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
66	Bh. Praveen K. Jain, Asso. Prof. SKIT, Jaipur	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen

c. Brief Proceeding of each day of the activity

Program Schedule

Day 1: May 01, 2018 (Tuesday)	
8:30 am-9:00 am	Morning Tea
9:00 am -11:00 am	<p>Inauguration of FDP</p> <p>Chief Guest-1 (Keynote Address) Dr. Rajiv Sharma, Director, Mission of Nano Science and Technology (Nano Mission), Department of Science & Technology, New Delhi Secretary, Science and Engineering Research Board (SERB), Govt. of India, New Delhi</p> <p>Chief Guest-2 (Keynote Address) Dr. G. K. Prabhu President, Manipal University Jaipur</p>
11:00 am - 11:30 am	High Tea
11:30 am- 1:00 pm	<p>Lecture-1 Prof. Kanupriya Sachdev, Head, Materials Research Centre, MNIT Jaipur</p>
1:00 pm-2:00 pm	Lunch Break
2:00 pm-3:30 pm	<p>Lecture-2 Prof. S. K. Bhatnagar Director (Research), SKIT</p>
3:30 pm - 4:30 pm	Assignment-1 Solving and Open discussion
4:30 pm-5:00 pm	Evening Tea

Day 2: May 02, 2018 (Wednesday)	
8:00 am-8:30 am	Breakfast

8:30 am - 10.00 am	Lecture-3 Dr. Ghanshyam Singh, Associate Professor, Department of ECE, MNIT, Jaipur
10.00 am - 11:30 am	Lecture-4 Dr. Ghanshyam Singh, Associate Professor, Department of ECE, MNIT, Jaipur
11:30 am – 12:00 pm	Tea Break and shifting to Computer Lab
12:00 pm- 1:00 pm	Lab Session-1 Mr. Nishant Kumar, Cognitive Design Technology Pvt. Ltd., Bangalore
1:00 pm-2:00 pm	Lunch Break
2:00 pm-3:30 pm	Lab Session-2 Mr. Nishant Kumar, Cognitive Design Technology Pvt. Ltd., Bangalore
3:30 pm -4:30 pm	Assignment-2 Solving and Open discussion
4;30 pm-5:00 pm	Tea Break

Day 3: May 03, 2018 (Thursday)	
8:00 am-8:30 am	Breakfast
8:30 am - 10:00 am	Lecture-5 Dr. Srinivasa Rao, Associate Professor, MNIT Jaipur
10:00 am – 10:15 am	Tea Break
10:15 am - 11:30 am	Lecture-6 Dr. Srinivasa Rao, Associate Professor, MNIT Jaipur
11:30 am - 1:00 am	Lab Session-3 Mr. Nishant Kumar,

	Cognitive Design Technology Pvt. Ltd., Bangalore
1:00 pm-2:00 pm	Lunch Break
2:00 pm-3:30 pm	Lecture-7 Dr. P. K. Khanna Chief Scientist, CSIR-CEERI, Pilani
3:30 pm -4:30 pm	Assignment-3 Solving and Open discussion
4;30 pm-5:00 pm	Tea Break

Day 4: May 04, 2018 (Friday)	
8:00 am-8:30 am	Breakfast
8:30 am - 10:00 am	Lecture-8 Dr. P K Khanna, Chief Scientist, CSIR-CEERI, Pilani
10:00 am- 10:30 am	Tea Break
10:30 am - 11:30 am	Lecture-9 Dr. Bipin Kumar Gupta, Scientist E, CSIR-National Physical Laboratory, New Delhi
11: 40 am - 1:00 pm	Lab Session- 4 Dr. Amit Joshi, MNIT Jaipur Xilinx Vivado VLSI EDA tool and FPGA
1:00 pm-1:45 pm	Lunch Break
1:45 pm-3:30 pm	Lab Session-5 Dr. Amit Joshi, MNIT Jaipur Xilinx Vivado VLSI EDA tool and FPGA Trainer Kits
3:30 pm -4:30 pm	Assignment-4 Solving and Open discussion
4;30 pm-5:00 pm	Tea Break

Day 5: May 05, 2018 (Saturday)

8:00 am-8:30 am	Breakfast
8:30 am - 9:30 am	Lecture-10 Dr. Bipin Kumar Gupta, Scientist E, National Physical Laboratory, New Delhi
9:45 am - 11:00 am	Lab Session- 6 Dr. Amit Joshi, MNIT Jaipur Xilinx Vivado VLSI EDA tool and FPGA Trainer Kits
11:00 am - 11:15 am	Tea Break
11:15 am- 1:00 pm	Lab Session:7 Dr. Amit Joshi, MNIT Jaipur Xilinx Vivado VLSI EDA tool and FPGA Trainer Kits
1:00 pm-2:00 pm	Lunch Break
2:00 pm-3:00 pm	Online Exit Exam of Participant
3:00 pm-4:00 pm	Valedictory Function and Certificate Distribution
4:30 pm-5:00 pm	Tea Break

c. Attainment of the activity:

The FIP attained most of the objectives to cover in the field of Nanotechnology that can be beneficial to researchers and faculty

d. Recommendations: Such kind of FDP is recommended for future

4. Enclosures

a. Brochure:

FDP COMMITTEE	REGISTRATION FORM	TEQIP-III SPONSORED
<p>Chief Patron Prof. N.P. Kaushik Honorable Vice-Chancellor, RTU</p> <p>Patrons Sh. Raja Ram Meel, Patron, SKIT Sh. Surja Ram Meel, Chairman, SKIT</p> <p>Co-ordinator RTU Prof. (Dr.) Dharendra Mathur</p> <p>Advisors Sh. Jaipal Meel, Director SKIT Prof. (Dr.) S.L. Surana, Director (Academics), SKIT Prof. (Dr.) S.K. Calla, Director (D&W), SKIT Mrs. Rachna Meel, Registrar, SKIT Prof. (Dr.) Ramesh Kumar Pachar, Principal, SKIT Prof. (Dr.) S. K. Bhatnagar, Head, ECE Dept, SKIT Dr. Mukesh Arora, Associate Prof. SKIT</p> <p>Convener Dr. Praveen K. Jain, Associate Prof., SKIT, Jaipur Dr. Rukhsar Zafar, Associate Prof., SKIT Jaipur Dr. Mukesh Gupta, Associate Prof., SKIT Jaipur</p> <p>Course Secretary Dr. Rishi Vyas, Associate Professor, SKIT, Jaipur Dr. Monika Mathur, Associate Prof., SKIT, Jaipur Dr. Swati Arora, Associate Professor, SKIT, Jaipur</p> <p>RTU (ATU) TEQIP-III Committee Prof. Dharendra Mathur (Co-ordinator) Prof. D.K. Sambari (Nodal Officer Procurement) Dr. Harish Sharma (Nodal Officer Academic) Dr. S.D. Purohit (Nodal Officer Finance)</p> <p>RTU (ATU) Academic Committee Dr. Irum Alvi (Conference) Mr. Santosh Sharma (Expert Lecture) Mr. Anshul Bansal (GATE & Induction) Mr. Dinesh Kumar (Workshop)</p>	<p style="color: red; text-align: center;">RTU (ATU) TEQIP-III SPONSORED</p> <p style="text-align: center;">Faculty Development Program (FDP) on Recent Trends in Nano-Electronics (RTNE-2018) 1st - 5th May, 2018</p> <p>Name: _____ Designation: _____ Department: _____ Institute: _____ Institute Address: _____ RTU affiliated (Yes/ No): _____ Mailing Address: _____ Mobile No.: _____ E-mail : _____ Accommodation Required: _____</p> <p style="text-align: center;">Seal & Signature of Principal</p> <p>NOTE- Submit the registration form through online process via http://goo.gl/n9s4BB Upload the registration form duly signed by the head of institution.</p>	 <p>TEQIP-III SPONSORED</p> <p>Faculty Development Program (FDP) on Recent Trends in Nano-Electronics (RTNE-2018) 1st - 5th May, 2018</p>  <p>Organized by: Rajasthan Technical University, Kota & Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur</p>  <p>Venue: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur Ramnagar, Jagatpura, Jaipur-302017 Rajasthan, India www.skit.ac.in</p>

b.

RTNE-2018				
About us				
<p>TEQIP III The Project, Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelfth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.</p> <p>Rajasthan Technical University Rajasthan Technical University (RTU) is located in Kota in the state of Rajasthan. It was established in 2006 by the Government of Rajasthan. The university currently affiliates about 129 Engineering Colleges, 4 BArch, 41 MCA Colleges, 95 MBA Colleges, 44 M.Tech Colleges and 3 Hotel Management and Catering institute. The University aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.</p> <p>SKIT Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) inspired from the learnings of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. Today the institute is recognized as one of the centers of academic excellence in Northern India which has been realized through efficient & dedicated faculty members, innovative teaching & learning methods, state of art infrastructure and core values of discipline. The Institute is affiliated to Rajasthan Technical University, Kota and approved by All India Council for Technical Education (AICTE). The institute has been ranked no.1 by RTU(Kota).</p>	<p>Objective of the FDP: The FDP aims to provide a platform for expert technical exchange regarding the advance technologies and innovations in the field of Nano-Science and Engineering. The FDP will draw attention of faculty towards the field of Nano-Electronics. The FDP looks for significant contributions to the applied sciences, engineering, and nanotechnology in theoretical and practical aspects.</p> <p>Course Content: The major contents of the FDP will be:</p> <ul style="list-style-type: none"> • Introduction to Nano-Electronics • Carbon Nanostructures and Devices • Thin Film Deposition Techniques • Nanomaterials Characterization Techniques • Applications and recent trends for research • Nano-Photonics • Device Fabrication • MEMS/NEMS 			
	REGISTRATION FEE			
	<ul style="list-style-type: none"> • No Fee for Faculty from RTU Affiliated Institutes • Fees for Faculty from other institutes is INR 2500/- 			
	ACCOMODATION			
	Lodging and boarding will be provided for the participants on the request.			
		<p>Targeted Audience Faculty of various Engineering institutes affiliated to Rajasthan Technical University, Kota and other academic institutes.</p> <p>Resource Person The various Sessions of the FDP will be preceded by the expert faculty from IITs, NITs, and other reputed institutes.</p> <p>Important Dates Last Date of Registration : 15th April, 2018 Selection Notification: 21st April, 2018 Course duration : 1st - 5th May, 2018</p> <p>Contact Person</p> <table border="0"> <tr> <td>Dr. Praveen K. Jain (Associate Prof., SKIT) +91 9928652224</td> <td>Dr. Rishi Vyas (Associate Prof., SKIT) +91 9828540040</td> </tr> </table> <p>E-mail us at : fdprtne@skit.ac.in</p>	Dr. Praveen K. Jain (Associate Prof., SKIT) +91 9928652224	Dr. Rishi Vyas (Associate Prof., SKIT) +91 9828540040
Dr. Praveen K. Jain (Associate Prof., SKIT) +91 9928652224	Dr. Rishi Vyas (Associate Prof., SKIT) +91 9828540040			

c.

d. Detail of funding if any:



RAJASTHAN TECHNICAL UNIVERSITY

Rawatbhata Road, Akelgarh, Kota-324 010

TEQIP III-RTU(ATU) OFFICE

Phone: 0744-2473060 Fax: 2473002 Email: rtuteqip@rtu.ac.in

No. RTU/TEQIP-III/F(56)/2017-18/114-22

DATE:- 23/02/2018

OFFICE ORDER

Hon'ble Vice-Chancellor is pleased to approve the following FDP/STTP to be conducted at the affiliated colleges under subhead 1.2.2.4 of RTU (ATU) TEQIP-III Action plan as per the mentioned schedule.

S.No.	Name of college	Title	No. of days	RTU Faculty Coordinator	Proposed months by RTU	Sanction Amt. (Rs.)
1	Surendera Group of Institutions, Sriganganagar	Research Methodology	5	Mr. Dinesh Kumar 7665886128	Till 20 March, 2018	500000
2	Arya College of Engineering & Information Technology Jaipur	Finite Element Analysis for Engineering Applications	3	Mr. S S Godara 9782605555	Till 20 March, 2018	184000
3	Aravali insitute of technical studies udaipur	Future of Energy-Application, Implementation, Technology and System	5	Dr. Brijesh Tripathi 9891855857	Till 20 March, 2018	392400
4	Bhartiya institute of engginnering 2technology sikar	Promotion of Academic Integrity and excellence and Prevention	1	Mr. Ramesh Kumar 9828335211	Till 20 March, 2018	100000
5	Institute of Engineering & Technology Alwar	Intellectual Property Rights(IPR) & Patents	2	Dr. D K Sambharia 9982252205	Till 20 March, 2018	184000
6	Apex Institute of Enginerring and technology	Application of Artificial Intelligence in Engineering	5	Dr. K B Rana 9468855055	Till 20 March, 2018	300000
7	Charted Institute of technology	Machine Learning, Deep Learning & Artificial Intelligence	5	Dr. Harish Sharma 9461174365	Till 20 March, 2018	500000
8	Swami Keshvanand institute of Technology, Mgt.& Gramothan	Recent Trends in Nano-electronics	5	Dr. D mathur 9460089919	April – May, 2018	500000
9	Poomima college of Engineering jaipur	Advancement in Power System & Power Electronics	5	Sh S K Sharma 9460013249	April – May, 2018	430000
10	Global Institute of Technology Jaipur	Outcome based Technical	5	Dr. R K baryal 9460013249	April – May, 2018	250000

e. Souvenir: NIL

f. Proceedings : NIL

g. Photographs



