FDP COMMITTEE

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Honorable Vice-Chancellor, RTU

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Prof. (Dr.) Mukesh Arora, HOD (ECE), SKIT

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RTU EVENT COORDINATOR
Mr. Riyaz Ahmad

HOST INSTITUTE COORDINATORS
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Mr. Vikas Pathak, Associate Professor
Ms. Pooja Choudhary, Assistant Professor

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Prof. D. K. Sambariya (Nodal Officer Procurement)
Dr. S. D. Purohit (Nodal Officer Finance)
Dr. Irum Alvi (Conference)
Mr. Santosh Sharma (Expert Lecture)
Mr. Anshul Bansal (GATE & Induction)
Mr. Dinesh Kumar (Workshop)

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REGISTRATION FORM

RTU(ATU) TEQIP-III Sponsored

Faculty Development Program
on
"Machine Learning and Smart Electronic System"
(MLSES-2020)
03th-05th September, 2020

Name: Mr./Ms./Dr.....
Designation: .....
Institute Name: .....
.....
Institute Address: .....
.....
Affiliated to RTU/BTU..... (Yes/No)
Mailing Address: .....
.....
Mobile No.: .....
E-Mail Id: .....

Signature of Participant

Head of Department

Note: Submit the Registration Form through Online Process via: **https://forms.gle/h2PjDsbZzCryTehBA**

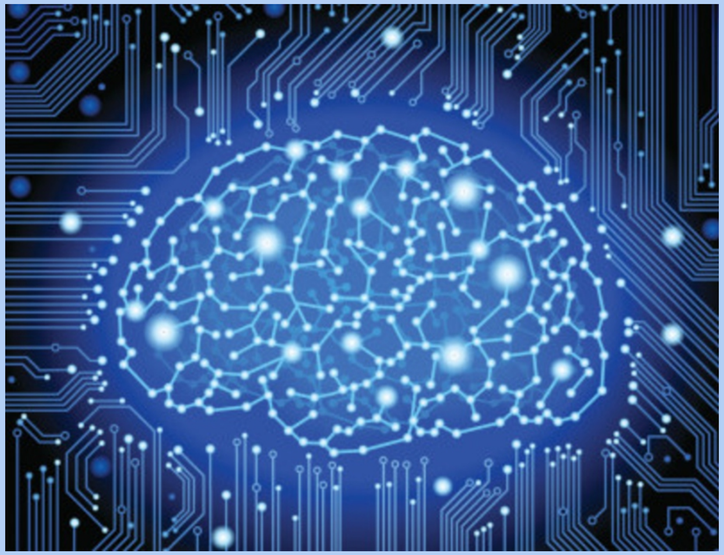
No. of Seats are limited. So there is first cum first serve basis.

Note: The Mode of FDP is online platform **(Cisco WebEx)**. After the registration Join Whatsapp group for all details related to FDP.

E-Certificate is provided to participant, whose attendance is above 80%.

TEQIP-III SPONSORED FACULTY DEVELOPMENT PROGRAM ON "MACHINE LEARNING AND SMART ELECTRONIC SYSTEM" (MLSES-2020)

03th-05th September, 2020



Organized by
Rajasthan Technical University, Kota
&
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Host Institute
Department of Electronics & Communication
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur-302017
www.skit.ac.in

ABOUT 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.

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 B.Arch, 41 MCA Colleges, 95 MBA Colleges, 44 M.Tech Colleges and 3 Hotel Management and Catering Institutes.

The University aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.

ABOUT SKIT

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) is Ranked No. 1 (three consecutive years) Engineering College in Rajasthan declared by Rajasthan Technical University (RTU), Kota. SKIT is a selective comprehensive institution offering undergraduate and postgraduate programmes in Engineering and Management. The institute was established in the year 2000 by a team of committed professionals and academicians. During all the past years SKIT has emerged as a premier centre of technical education not only in Rajasthan but also in northern India which as been realized through efficient and dedicated faculty members, innovative teaching learning methods, state of the art infrastructures and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accreditation (NBA).

DEPARTMENT OF ELECTRONICS & COMMUNICATION

The department of Electronics & Communication Engineering (ECE) was started in the year 2000. The Department has well qualified and experienced faculty members. The Department is actively involved in conducting Conferences and Workshops periodically. The department has well equipped laboratories with a view to strengthen research & development activities. Electronics and Communications Engineering (ECE) involves researching, designing, developing and testing of electronic equipment used in various systems. Department provides an in-depth education in engineering principles and motivate the students to take leadership positions.

OBJECTIVE OF THE FDP

Machine Learning (ML) and smart electronics play a significant role in the modern engineering and information processing systems. It is a rapidly growing field. The Machine Learning is an essential part of pattern recognition, object detection and classification, clustering, data mining and speech recognition etc. Current trends demand for efficient and secured electronic systems for commercial and industrial applications.

The aim of this FDP is to provide an exposure to both basics and recent advances in Machine Learning and smart electronic systems to the teaching and research communities.

- To introduce basics of Machine Learning and deep learning.
- To introduce Machine Learning in Healthcare.
- Establishing the basic concept of Embedded Systems with smart electronics.
- Learning the various aspects of Smart electronic- smart hearing aids, Wireless sensor network and cyber physical system for health care.

REGISTRATION FEE

▶ **There is No Registration Fee.**

FDP Schedule

3/9/20 (Day1)	09:30 am-10:00 am	Inaugural session
	10:00 am-11:30 am	Machine Learning - I Dr. S. J. Nanda, MNIT, Jaipur
	11:45 am-12:45 am	Embedded Systems for smart electronics Dr. Lava Bhargava, MNIT, Jaipur
	02:00 pm-03:30 pm	Cyber Physical system for healthcare Dr. Amit M. Joshi, MNIT, Jaipur
4/9/20 (Day2)	10:00 am-11:30 am	Machine Learning – II Dr. Nithin V. George , IIT, Gandhi Nagar
	11:45 am-12:45 pm	Introduction to deep Learning Dr. Kuldeep Singh, MNIT, Jaipur
	02:00 pm-03:30 pm	Wireless sensor network Dr. Trilochan Panigrahi, NIT, Goa
5/9/20 (Day3)	10:00 am-11:30 am	Machine Learning in Healthcare Dr. Sitanshu S. Sahu, BIT, Mesra
	11:45 am-12:45 am	Smart Hearing aids Dr. Vasundhara , NIT, Warangal
	12:45 pm-01:15 pm	Valedictory session

RESOURCE PERSON

The various sessions of the FDP will be preceded by the experts from IITs, NITs and other reputed institutes.

CONTACT PERSON

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