



Department of Information Technology
(NBA Accredited)

A Two Week AICTE Sponsored
Faculty Development Programme on
“Internet of Things: Education Canvas”
(09th November – 20th November, 2019)



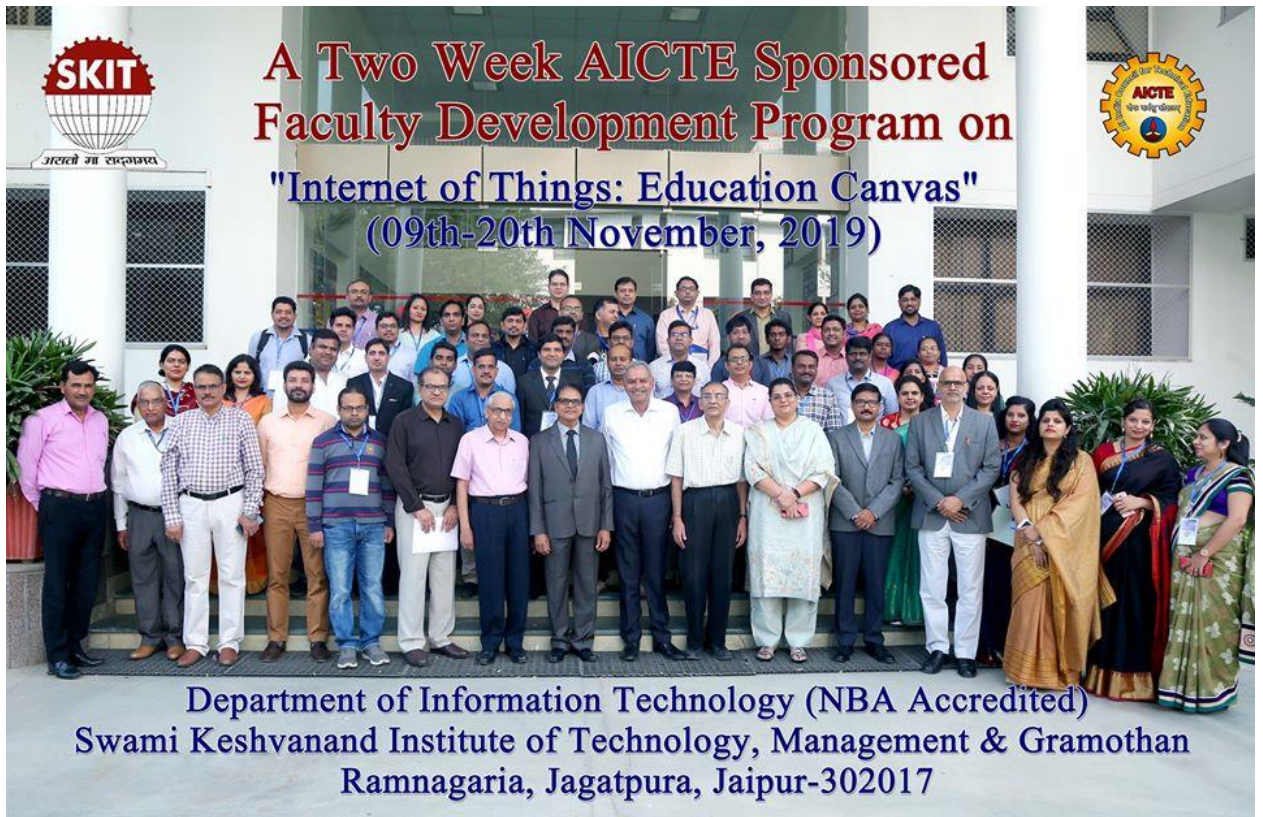
An AICTE sponsored two week Faculty Development Programme (FDP) on “**Internet of Things: Education Canvas**” was successfully organized by Department of Information Technology in the Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 9th November, 2019 to 20th November, 2019. The programme had the primary objective to provide the state of the art trends and advancements of Internet of Things in Education Canvas to the faculty members of different organizations. Some other specific objectives which were targeted in this FDP are:

- ✓ To provide exposure to IoT Tools and Techniques to enhance the teaching and research skills.
- ✓ To form a bridge between the industry and academic institutions to update their knowledge.
- ✓ To understand the need of IoT in the research community and the software industry in India.
- ✓ To appreciate the differences among Big Data, Cloud Computing and IoT.
- ✓ To understand the need of innovative applications, such as Smart City, Smart Health, Smart Manufacturing, Smart Agriculture, etc.
- ✓ To train the participants on how to design and program the IoT based system.
- ✓ To understand the concept of Internet of Things in Education Canvas.
- ✓ To provide an exposure of recent advancements in Internet of Things.
- ✓ To provide hands-on-experience of best practices for Internet of Things through various case studies.
- ✓ To foster collaboration among researchers, industrial experts and academic professionals.

<p style="text-align: center;">Endorsement from the Head of the Institution/Dept.</p> <p>Prof./Dr./ Mr./Ms..... Department..... Institute:..... is allowed to attend the FDP on “Internet of Things: Education Canvas” during 09th November to 20th November, 2019 at SKIT, Jaipur.</p> <p>Signature _____ Head of the Institution/Dept.</p> <p>Date: _____ (Seal)</p> <p style="text-align: center;">Contact Details: Course Coordinator Prof. (Dr.) Anil Chaudhary (HOD-IT) Ph. No. 0141-5160400 (Ext: 286)</p> <p style="text-align: center;">Course Secretary Dr. Mukesh Kumar Gupta Professor, Mob: 9772545766</p> <p>Dr. Pankaj Dadhech Mr. Ankit Kumar Associate Professor Assistant Professor Mob: 9887708973 Mob: 9057836398</p> <p style="text-align: center;">E-Mail your Registration Form to: FDP-2019 Department of Information Technology, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Ramnagar, Jagatpura, Jaipur-302017 Email : fdpit@skit.ac.in Phone:+91-141-2752165, 5160400 Ext: 284 Website: www.skit.ac.in/fdpit2019</p>	 <p>Department of Information Technology The Department of Information Technology was established in 2000. The Department offers Undergraduate Programme in Information Technology. The Major Areas of Research in the Department are Data Analytics, Big Data Analytics, Cloud Computing and Virtualization, Security, Compilers and Programming languages, Computer Architecture, Bioinformatics and Theoretical Computer Science. The Department has Several Research Labs and Laboratories with state of the art Computing facilities. Constantly Modernization of facilities helps the Department to adapt itself to the rapidly changing Technological Scenario.</p> <p>About SKIT Swami Keshvanand Institute of Technology, Management & Gramothan (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 has been realized through efficient and dedicated faculty members, innovative teaching-learning methods, state of art infrastructure and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accreditation (NBA).</p> <p>About Jaipur The world famous ‘PINK CITY’, the capital of the Rajasthan state founded in 1727 AD by Sawai Jai Singh II is one of the most popular tourist destinations. It has a rich culture heritage and many important historical places viz. Amber Fort, Jaigarh Fort, Nahargarh Fort, City Palace, Albert Hall Museum, Jantar-Mantar, Govind-Dev Ji Temple, and Birla Mandir. Jaipur is also famous for its handloom & handicraft, and proves a heaven for shopping and enjoyment. This fascinating city with its romantic charm takes you to an epoch of royalty and tradition.</p>	<p>Faculty Development Programme on Internet of Things: Education Canvas</p> <p>(09th November to 20th November, 2019)</p> <p style="text-align: center;">Organized by  Department of Information Technology (NBA Accredited) Swami Keshvanand Institute of Technology, Management & Gramothan , Jaipur – 302017</p> <p style="text-align: center;">Course Coordinator Prof. (Dr.) Anil Chaudhary Professor & Head, Department of Information Technology</p> <p style="text-align: center;">Sponsored by  All India Council for Technical Education, New Delhi</p>
---	---	--

Programme Highlights

- ✓ **Number of participants:** In all 78 participants attended the FDP Programme. There were participants from all parts of the country namely Mumbai, Delhi, Punjab, Haryana, Maharashtra, Uttar Pradesh, Gujarat, Hyderabad Telangana, Gurugram, Puducherry, Andhra Pradesh, Tamil Nadu and Rajasthan.



✓ **Resource Persons:** Following were the key resource persons in this programme:

1	Dr. Mani Madhukar	Program Manager - University Relations, IBM India Pvt. Ltd.
2	Mr. Ishan Vaid	Subject Matter Expert, IBM India Pvt. Ltd.
3	Mr. Peeyush Maharshi	Principal Consultant from Infosys Ltd.
4	Dr. Basant Agarwal	Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Information Technology, Kota.
5	Dr. Poonam Gera	Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur.
6	Mr. Kartavya Jain	CEO, Jainson Corp, Jaipur
7	Mr. Sombabu Gunithi	Technical Manager, Einfochips, India.
8	Mr. Devesh Kumar Mathur	Cyber Security Practice, Tata Consultancy Services (TCS).
9	Dr. Pramod Gaur	Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur.



Media Coverage

‘इंटरनेट ऑफ थिंग्स: एजुकेशन कनवास’ का हुआ समापन

जयपुर (का.सं.)। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एवं ग्रामोत्थान, जयपुर में दो सप्ताह तक चले एआईसीटी द्वारा प्रायोजित फैकल्टी डेवलपमन्ट प्रोग्राम ‘इंटरनेट ऑफ थिंग्स: एजुकेशन कनवास’ का समापन बुधवार को हुआ। इससे पूर्व 9 नवम्बर को शुरू हुए कार्यक्रम का शुभारम्भ मुख्य अतिथि डॉ. आर ए गुप्ता (वीसीएआरटीयू) द्वारा किया गया था। डॉ. धीरेन्द्र माथुर (टीक्यूआईटी कॉर्डिनेटर, आरटीयू) ने भी विचार प्रकट किए।

इस प्रोग्राम में विभिन्न विद्यालयों से 60-70 तकनीकी शिक्षकों ने शिरकत की। 9 से 11 नवम्बर तक डा मनी मधुकर ने डीप लर्निंग, बिग डाटा हैंडलिंग एवं आर प्रोग्रामिंग के कॉन्सेप्ट एवं इंप्लीमेंटेशन को समझाया। 12 से 13 नवम्बर तक ईशान वैद ने केस स्टडी के साथ बिग डाटा एवं मशीन लर्निंग के डाटा की प्रोसेसिंग एवं



घरेलू वस्तुओं के ऑटोमेशन कैसे करें, उसे प्रयोग के साथ बताया। 14 नवम्बर को पीयूष महर्षि ने इसी को आगे डिटेल् में विशेषज्ञता के साथ बताया।

15 से 16 नवम्बर तक डा. बसंत अग्रवाल, डा. पूनम गेरा एवं दिवेश माथुर ने बिग डाटा कॉन्सेप्ट, मशीन लर्निंग फ्री टायर, डब्ल्यू एसए एव विजुअलाइजेशन एवं हार्डवेयर इंटरफेस करके इन्हे

ऑटोमाइजेशन में कैसे काम लें, इसमें अपने विशेषज्ञ विचार प्रस्तुत किए। 18 से 19 नवम्बर तक डा सोमाबाबू गुनिथी ने आईओटी के फील्ड में आने वाले चैलेंज एवं उनके पॉसिबल सोल्यूशन के बारे में विद्यार्थियों को अवगत कराया। प्रमोद गौर ने 20 नवम्बर को क्रिप्टोग्राफी एवं ब्लॉकचैन के कॉन्सेप्ट के साथ इस शैक्षणिक कार्य की समाप्ति की।

