

National Workshop on Emerging Trends in Information Technology in University Management

A three-day National Workshop on ‘Emerging Trends in Information Technology in University Management’ was organized by the Association of Indian Universities (AIU), New Delhi in collaboration with the Faculty of Science and Technology (FST), ICFAI University, Tripura (IUT) during December 01–03, 2018 at Tripura. The event witnessed active participation of twenty eight university officials and administrative staff members from reputed universities and institutes across India. The participants were mostly serving as Directors, Registrars, Deputy Registrars, Controller of Examinations, IT Managers and Programmers, System Administrators, Librarians, Deans, IT Professors and faculty members in their respective universities.

The inaugural session was started off with the gracious presence of the Chief Guest, Shri Sudip Roy Barman, Honorable Minister of Health and Family Welfare, Science, Technology and Environment, Industry and Commerce PWD, Govt. of Tripura; Prof. Biplab Halder, Pro-Vice Chancellor, The ICFAI University, Tripura; Dr. Amarendra Pani, Joint Director and Head, Research Division, AIU, New Delhi, Convener of the Workshop; and Dr. A Ranganath, Registrar, The ICFAI University, Tripura. Dr. Usha Rai Negi, Assistant Director, Research Division, AIU; Dr. Priyanshu Rana Borthakur, Coordinator, Faculty of Science and Technology (FST), IUT; Prof. Sayantan Chakraborty, Workshop Coordinator, Head, Department of Electrical and Electronics Engineering, FST, IUT and many other administrative and academic heads and officials of the ICFAI University, Tripura were also present in the inaugural session. While welcoming to the guest and delegates, Prof. Biplab Halder, Pro-Vice Chancellor, ICFAI University, Tripura expressed his sincere gratitude to the Association of Indian Universities for collaborating with ICFAI University to organize such kind of workshop which is indeed the need of the hour.

In his address, Chief Guest, Shri Sudip Roy Barman highlighted the ‘Impact of IT in Present Days’

Education System’. He drew attention to consequences of introducing the LMS courses, E- Learning Materials, keenly intellectual classroom, virtual classroom in Indian classrooms and appreciated the way the ICFAI University, Tripura was devoted in implementing them in the field in order to bring paramount transmutations in the sphere of higher education of Tripura.

Dr. Amarendra Pani, Convener of the Workshop and Special Guest highlighted the background of AIU, its objectives and the way of its functioning, He also provided a background of such an initiative of AIU for organising the national workshop. Dr Pani observed that the cartographical contour of higher education has undergoing a massive change. The traditional style of functioning and management of the university administration needs a relook for keeping pace with the change. Continuous upgradation of technology, revamping the system and updating the knowledge and skills of administrators has become essential for facing the formidable challenges. The inaugural session ended with the vote of thanks by the Registrar of ICFAI University.

During technical Session, Dr. Satish Zende, Business Account Manager, Digital University Business Development Programme, Maharashtra Knowledge Corporation Ltd. (MKCL), Pune presented his lecture on the need of IT applications and its impact on Student Life Cycle Management System and Digital University Framework. The next session was started with some practical examples. In the session, Dr. Zende represented Secured Remote Question Paper System, Accreditation Framework - Make up to Build up Approach, Paper Less Administration-WFMS and Ph D Student Life Cycle Management System. The session ended with an interactive session in which all participants put their queries on the aforementioned topics.

Mr. Samrat Mukherjee, Head, Bigdata Practice, Digital and Enterprise Transformation Business Unit (HiTech), Tata Consultancy Services Limited, Kolkata was the resource person during the next session. The key themes in his presentation were Advanced Digital Trends in IT Industry, Pillars of Big Data-Volume Scale Data, Velocity Pace of Data, Variety Data Formats, Big Data-Veracity, Data Uncertainty, Big Data

Characteristic–Basic understanding of File Systems, Basic Understanding of DBMS, Java Programming Language, Python Programming Language and Unix Operating systems. In compliance to a question in the interactive session, he described Cloud Computing as the transformation of computer hardware, software and networks into the utility just like the Electric Company, Water Company, or Gas Company.

Mr. Rajagopal Yadavalli, Founder and M D, Winnou Systems and Services (P) Ltd. focused on present ERP system of The ICFAI University, Tripura and also on the process of sending bulk messages to students, the simplified process of doing the registration of the students, the feedback system-both students and employees, the student friendly app and on providing attendance in the classroom. The hands on training session was conducted by Mr. Yadavalli using some simple problem-based tests and an interactive session.

Dr. Atul Wadegaonkar, Sr. General Manager, Digital University Business Development Programme, MKCL highlighted certain areas on Open Source Software, Cloud Technology, Mechanical Learning and Big Data Eco-system with Velocity Pace of Data, Variety Data Formats, Veracity Data Uncertainty.

Mr. Nilkamal Dey Purakayastha, Scientist-C, National Informatics Centre (NIC) Tripura presented the latest developments in various institutions with advanced flexible IT applications. He mainly focused on utility of free open source software, some useful open source tools for development, deployment and implementation of application software. He also discussed the significance of Postgre SQL as a powerful, open source object-oriented RDMS with strong reputation for reliability, data integrity, and correctness.

The presentation of Dr. Prasenjit Dasgupta, Professor, FMS, IUT highlighted the significance of application of information technology in management studies with i) strategic management as a general process of continuous planning, monitoring, analysis and assessment, ii) Watson (2000) managing strategy, iii) H Koontz and H Weihrich's (2010) strategy, iv) university requirements to meet stakeholders expectations and perform their functions, etc. He also focused on the necessity of continuous exercises on

vision, mission and core values of universities, since stakeholders are large and spread over performance indicators and requirement of quantitative measurement of performance in the modern universities.

Dr. Bijoy Kr. Upadhyaya, Associate Professor, Electronics and Telecommunications, Tripura Institute of Technology (TIT) conducted the successive session in which he unveiled various practical situations faced by him during the implementation of IT module he had developed for the organizational management in his institution. He pointed out the importance of implementing technology in the field of Education. He further highlighted about the need of upgradation of the present IT modules applied in the university management with possible solutions.

The valedictory session was chaired by Professor Biplab Halder, Pro-Vice Chancellor of ICFAI University Tripura, Dr. Amarendra Pani, Convener of the event and Dr. A Ranganath, Registrar of ICFAI University of Tripura. The Pro-Vice Chancellor expressed his sincere gratitude to the Convener of the Workshop, Dr. Amarendra Pani, Resource Persons, Participants Faculty Members and the members of the workshop for their corporation in accomplishing the event. He further mentioned that it was an opportunity for IUT to learn how to organize National level workshop in the university campus. Dr. A Ranganath, Registrar, congratulated all participants, organizers, Convener and Coordinator for the success of the workshop. He also expressed his sincere gratitude to AIU for organizing the event at IUT.

The vote of thanks was proposed by Dr. Amarendra Pani, where he thanked the Pro-Vice Chancellor and Registrar, ICFAI University, Tripura for their continuous support to make the gala event a grand success. In his speech, he appreciated the hard work and dedication of each of the organizing committee members for conducting the event. He conveyed a special thank to the Workshop Coordinator, Prof. Sayantan Chakraborty, IUT and Dr. Usha Rai Negi, AIU for playing the major roles in the event's success. Towards the very cessation of the event, certificates were distributed among the participants. The event was concluded with the National Anthem and Photo session. □