## One week National Workshop on "Developing critical thinking using Learning Management Systems (LMS) and ICT tools'' on August 05-09, 2019

One week National Workshop was organized by **Department of Electrical Engineering**, **Rajkiya Engineering College (REC), Ambedkar Nagar, Uttar Pradesh** in association with **HRDC, Integral University, Lucknow** on '**Developing critical thinking using Learning Management System** (LMS) and ICT tools' from August 05-09, 2019. Program was funded by **MHRD, Govt. of India for Implementation of World Bank Assisted Projects in Technical Education memento** under **TEQIP-3** scheme. REC Ambedkar Nagar, offered the infrastructure facilities and HRDC, Integral University provided academic support for the programme.



The programme started with Lightening of Lamp on 5<sup>th</sup> August 2019 during inaugural session. Prof. Syed Aqeel Ahmad, Director HRDC, Integral University was given the floral welcome as the chief guest by Dr. A K Mishra, Director, REC Ambedkar Nagar, followed by welcome of Guest of Honour, Dr S.P. Singh, Director, City College of Pharmacy, Barabanki, Dr. Anup K Sirbaiya and Mr. Ranjan Kumar, Faculty of Pharmacy, Integral University. This was followed by welcome address by Dr. A K Mishra. Memento was presented to the dignitaries followed by vote of thanks by Dr. Yudhistir Pandey, coordinator from REC Ambedkar Nagar. The sessions started with expert lecture by Prof. Syed Aqeel Ahmad, on 'Role of technology in today's education system', followed by 'Different types of LMS available' and 'Different Active learning strategies (15 min talk + hands on)' by Dr. Satya Prakash Singh, 'G Suite as LMS' and 'Hands-on on G-suite'by Dr. Anup Kumar Sirbaiya, 'Smartphone as a tool (15 min talk + hands on)' and 'Website and online portfolio creation (10 min talk + hands on)'and 'Integrating ICT in the flipped classroom scenario' by Mr. Ranjan Kumar.



Day two had sessions 'About MOOCs' by Dr. Anup Kumar Sirbaiya, 'Moodle as LMS' by Dr. Satya Prakash Singh and 'Different Features of Moodle' by Mr. Ranjan Kumar. This was followed by Hands-on sessions on moodle course creation in workshop mode, mentored by the three trainers.



Day three started with welcome of Dr. Jaykrishnan Madathil Warriem, Senior Scientist, NPTEL, IIT Madras, Chennai, who delivered expert lectures on 'Revised Bloom's taxonomy'

'TPACK module' and 'How NPTEL can be best utilized by Faculty and Students'. Later on, the hands-on sessions on moodle course creation in workshop mode continued till the end of the day, mentored by all the four trainers.



On fourth day, the sessions delivered were 'How to use available online videos effectively' and 'Spoken tutorial creation / video creation of own lectures' by Ranjan Kumar, 'Storing content-Repositories' by Dr Anup K Sirbaiya and 'Creative commons licensing' by Dr. S P Singh. Later in the day, hands-on workshop was continued on moodle features.



Day five started with moodle features on workshop mode, followed by creation of own moodle course by participants which they presented after lunch. There was a session on 'Enabler and Blockers' taken by all the three trainers. Day five and the programme ended with valedictory session, in which the chief guest Prof Dr.V.S. Sapkal, Ex Vice Chancellor, Rashtra Sant Tukadoji Maharaj Nagpur University, Nagpur appreciated the efforts put in by TEQIP-3, AKTU, Lucknow, REC Ambedkar Nagar and HRDC Integral University, Lucknow, various resource persons and the participants. Participants shared their feedback with the audience, and after momento presentation, program ended with vote of thanks presented by Dr Arif Iqbal, EED, REC Ambedkar Nagar, convenor of the program.



The workshop was successfully coordinated on behalf of Integral University by Dr. Anup K Sirbaiya and Mr. Ranjan Kumar, Faculty of Pharmacy, under patronage of Prof. Syed Aqeel Ahmad, Director HRDC, Integral University.