

Report of FDP on “ICT tools for teaching learning process-post pandemic educational strategies.” was organized by Department of Physics and IQAC, Sree Narayana College, Kollam in association with Kerala state higher educational council

An online one week Faculty development programme on “ICT tools for teaching learning process-post pandemic educational strategies.” was organized by Department of Physics combined with IQAC, Sree Narayana College, Kollam in association with Kerala State Higher Educational Council. The duration of the course was from 17th August to 23rd August 2020. The FDP aimed to provide opportunities to faculty members of higher education sector to enrich their learning process. The Programme also intended to develop the knowledge of participants with advanced tools for inculcating learning values in students and guiding and monitoring their progress. 396 faculty members belong to different streams in science and social science participated in the FDP

In the inaugural ceremony, Sriji S (Coordinator of the program) welcomed the dignitaries and the participants of the program. The programme was inaugurated by Dr. Rajan Varughese (member secretary of Higher education council) on 17th August 2020 through digital platform. Dr. R. SunilKumar (Principal of Sree Narayana College, Kollam), delivered the presidential address. Dr. G. Sajeevkumar (Head of Department of Physics, Sree Narayana College, Kollam) and Dr. Manoj S.V (IQAC coordinator and coordinator of the program) rendered the felicitation speech. Vote of Thanks was given by Baiju V (Assistant professor, Department of Physics). The resource persons of the program were Dr. Rakesh Chandran S.B (Assistant professor, Department of Physics, S.D College, Alappuzha), Dr.Anilkumar K.M (Assistant professor, Department of Physics, M.S.M College, Alappuzha) and Dr. K.S. Sajan (Assistant professor, Department of Education, N.S.S Training College, Ottapalam).

In the inaugural session, our chief guest Dr. Rajan Varughese sir highlighted the importance of online method of teaching in the present scenario. He mentioned the starting of the state level repository of open educational resources for the benefit of students and teachers in affiliated colleges as well.

Dr. R. SunilKumar talked about the unavoidable place of technology in education system in post pandemic era. He extended his gratitude towards the Kerala Higher Education Council for their immense support in promoting learning management systems in higher education sector.

Themes for discussion in the programme

- ❖ Understanding online education
- ❖ Digital tools for developing e contents
- ❖ Various LMS platforms and tools for online education
- ❖ Hands on training in MOODLE LMS
- ❖ Other related themes.

In the FDP, the classes were in asynchronous mode, so that the video lectures, tutorials etc. can be accessed by the participants at the time of their convenience during the course period. There is no registration fees were collected from the participants. The course materials were uploaded in MOODLE platform. Regular assignments based on day activities were given. Responses received were also good. E-Participation Certificates will be given to all qualified participants.

The resource persons emphasized on three major process related to ICT and education namely interaction, presentation & assessment. The sessions helped to promote student centric effective teaching-learning pedagogy among the participants. The discussed areas were of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the most widely used technologies in academic activities. The participants of the proposed Faculty Development Programme would be enriched with a thorough technical knowledge relating to E- learning after undergoing the training sessions. This in turn will help in teaching and assessment of students. The two live interaction sessions with the resource persons during the course was very useful and informative to the participants. The resource persons were very keen and gave vivid explanation to the doubts of the participants. All the sessions were very well appreciated by the participants.

The valedictory session was on 23rd August through google meet. The Programme was coordinated by the Principal, Dr.R Sunilkumar. He stated that regular institutional education handed over the baton on to online education for some time; but these online classes will not a substitute for classroom teaching. The coordinator Srijith S presented a report of the FDP. The Chief Guest of the function was Dr. R. Raveendran, UGC Emeritus Professor and Research Officer

S.N Trust, Kollam. He emphasized the inevitability for each one in the teaching fraternity to be updated to the highest available standards of digital tools. One of the resource Person, Dr. K.S. Sajan shared the experiences about the FDP. Some of the participants expressed their feedback of the program. The function ended with vote of thanks by Dr. Roxy M.S, Assistant Professor, Department of Physics, Sree Narayana College, Kollam. She expressed the gratitude on the behalf of Sree Narayana College, Kollam and Kerala Higher Education Council towards all the dignitaries, participants and all other helping hands, which contributed towards the success of the event.

Out of 398, 267 participants were qualified to get an e certificate of FDP. Overall the 7 day FDP program successfully enlightened the participants and encouraged discussion leading to a better understanding of the development of smart content and virtual content towards personalized learning.