

Faculty Development Programme ICT Integrated Evaluation in Outcome-Based Education

The AADC Centre and Department of EEE, AMET, Deemed to be University has organized AIU Sponsored 8 Days Weeks Faculty Development Programme on “ICT Integrated Evaluation in Outcome-Based Education” from 05.01.2024 – 12.01.2024 (Online Mode). Around 650 participants across the India enrolled in this FDP.

Dr. V. Sridevi, Professor and Head EEE, AMET University welcomed chief guest and all the dignitaries on the meeting. She delivered the overview, scope and impact of the faculty development programme. Our Vice President Academics Dr. Deepa Rajesh, AMET University delivered the importance of FDP in the Inaugural and Felicitation address. Our Programme Coordinator Dr. D. Lakshmi, Professor, EEE introduced the chief guest. The Chief Guest Dr. Kamal Kant Sharma, Professor and Associate Dean, Chandigarh University, Chandigarh provided an inspiring speech about the Outcome based education and ICT Tools. The Programme Coordinator Mrs. R. Rajasree, Assistant Professor, EEE delivered the Vote of thanks and the session is handover to the session speaker.

The Session Speaker Dr. Kamal Kant Sharma, Professor and Associate Dean (Strategy and Planning), Chandigarh University, Chandigarh explained the significant impact on how well students learn and how it greatly expands educational opportunities while also adding value to education. He also insists today's rapidly evolving world, integrating Information and Communication Technology (ICT) in education has become a pivotal force for transforming traditional learning approaches and ICT in education, often called e-learning or digital learning, has revolutionized how students learn and teachers teach, how it provides students access to various online resources, including textbooks, research materials, and educational videos and ICT facilitates lifelong learning, allowing individuals to acquire knowledge conveniently and conveniently, ability to cater to diverse learning styles, active engagement fosters critical thinking, problem-solving, and creativity, preparing students for the complex challenges of the modern world.

DAY 2 – 06.01.2024 (Saturday)

Topic: ICT in Assessment: A Backbone for Teaching and Learning Process
Speaker: Dr. P. SIVARAMAN
Senior Member of IEEE, Exicom Member of IEEE ADSF SIGHT, Power Plant Control Engineer, Schneider Electric Solar India Pvt. Ltd, Chennai.

The Program Co-coordinator Dr. D. Lakshmi, Professor, EEE, AMET University welcomed the chief guest and all the dignitaries. The Program Co-coordinator Mrs. R. Rajasree, Assistant Professor, EEE introduced the chief guest and the session is handover to the session speaker.

The Session Speaker Dr. P. Sivaraman, Senior Member of IEEE, Exicom Member of IEEE

ADSF SIGHT, Power Plant Control Engineer, Schneider Electric Solar India Pvt. Ltd, Chennai delivered the key component in the process of teaching and learning and what are the major role being played by ICT in making the process of assessment easy for teachers, employing ICT in assessment, the recording of responses and providing necessary feedback is likely to grow as virtual learning environments is growing day by day. He also explained that he students are being empowered to make use of online or web-based assessments which in return help the students to do self-assessmentof their learning, support of applying ICT in conducting assessment for students.

DAY 3 – 07.01.2024 (Sunday)

Topic: Role of Teacher in Technology Enabled Assessment and Evaluation
Speaker: Dr. G. KULANTHAIVEL
Professor, Department of ECE
National Institute of Technical Teachers Training and Research,
Government of India, Chennai

The Program Co-coordinator Dr. D. Lakshmi, Professor, EEE, AMET University welcomed the chief guest and all the dignitaries. The Program Co-coordinator Mrs. R. Rajasree, Assistant Professor, EEE introduced the chief guest and the session is handover to the session speaker.

The Session Speaker Dr. G. Kulanthaivel, Professor, Department of ECE, National Institute of Technical Teachers Training and Research, Government of India, Chennai. He explained how the teachers play a role in deciding the technology that may be incorporated for testing the student's achievement and how the technology can be employed for both evaluation and assessment. He also insists the use of Technological Pedagogical Content Knowledge for teachers and what is teacher knowledge within the framework of TPACK with complex interaction and intersection among the bodies of knowledge, teachers should remember the knowledge of both pedagogy and content which helps for the transact of the concept in meaningful way.

DAY 4 – 08.01.2024 (Monday)

Topic: Importance of ICT in Assessment and Evaluation
Speaker: Dr. JOHN PANEERSELVAM
Lecturer in Informatics,
University of Leicester, United Kingdom

The Program Co-coordinator Dr. D. Lakshmi, Professor, EEE, AMET University welcomed the chief guest and all the dignitaries. The Program Co-coordinator Mrs. R. Rajasree, Assistant Professor, EEE introduced the chief guest and the session is handover to the session speaker.

The Session Speaker Dr. John Paneerselvam, Lecturer in Informatics, University of Leicester,

United Kingdom delivered how the ICT plays an important role in assessing achievement of learners and finding out their grades. It also helps to report the student's achievement, drawing inferences, analyzing and synthesizing, predicting, comparing, evaluating student's higher order thinking through electronic reporting systems, tests use of learning management system (LMS) or virtual learning environment such as Blackboard and Web-CT via websites not only make teaching learning effective but inclusion of various online tests and quizzes proved an effective tool for assessment and evaluation, the activities pertaining to the instructions were performed in front of pupils in the class and mostly the process of assessment was made with paper and pencil tests.

DAY 5 – 09.01.2024 (Tuesday)

Topic: ICT Based Assessment Methods in Education
Speaker: Dr. SHEILA MAHAPATRA
Professor and Head EEE &
Associate Director – Research Academics,
Alliance College of Engineering and Design, Karnataka

The Program Co-coordinator Dr. D. Lakshmi, Professor, EEE, AMET University welcomed the chief guest and all the dignitaries. The Program Co-coordinator Mrs. R. Rajasree, Assistant Professor, EEE introduced the chief guest and the session is handover to the session speaker.

The Session Speaker Dr. Sheila Mahapatra, Professor and Head EEE & Associate Director – Research Academics, Alliance College of Engineering and Design, Karnataka. She explained the constructivist method in teaching-learning processes enables instructors to assess pupils using modern information and communication technologies, significant component of classroom activities during the last few decades, several ICT technologies available to assist teachers in assessing student performance. She also insists the advent of ICT, the nature of teaching, learning, and assessment has changed. Television, computers, iPods, learning management systems (LMS), virtual reality, social networking sites, online education, online digital repositories, and other ICTs

DAY 6 – 10.01.2024 (Wednesday)

Topic: Challenges and Possibilities of ICT-Mediated Assessment in Virtual Teaching and Learning Process
Speaker: Dr. RENUKA DEVI
Professor and Head,
Department of Engineering Education,
National Institute of Technical Teachers Training and Research,
Government of India, Chennai

The Program Co-coordinator Dr. D. Lakshmi, Professor, EEE, AMET University welcomed the chief guest and all the dignitaries. The Program Co-coordinator Mrs. R. Rajasree, Assistant Professor, EEE introduced the chief guest and the session is handover to the session speaker.

The Session Speaker Dr. Renuka Devi, Professor and Head, Department of Engineering Education, National Institute of Technical Teachers Training and Research, Government of India, Chennai delivered the assessment action of assigning a value to generate a judgment on the validity of an action, a process, or a relationship according to socially validated parameters, evaluation mediates the relationships between teachers and students, and between the educational standards regulated at the international and national level and concrete educational practices. She also insists the evaluative action represents an institutional framework that reflects a place of power in the pedagogical relationship, usually associated with educational quality, educational assessment guarantees the culmination of access to knowledge and, at the same time, is an observable and quantifiable element that facilitates measurement and comparison with others. Educational assessment and evaluation set a standard benchmark that attempts to infer the degree of progress based on these standards.

DAY 7 – 11.01.2024 (Thursday)

Topic: Electronic Support as a Tool in the Assessment Process
Speaker: Dr. SAURAV RAJ
Professor, Institute of Chemical Technology,
Marathwada Campus, Maharashtra

The Program Co-coordinator Dr. D. Lakshmi, Professor, EEE, AMET University welcomed the chief guest and all the dignitaries. The Program Co-coordinator Mrs. R. Rajasree, Assistant Professor, EEE introduced the chief guest and the session is handover to the session speaker.

The Session Speaker Dr. Saurav Raj, Professor, Institute of Chemical Technology, Marathwada Campus, Maharashtra explained the use of E-assessment for exam awarding bodies, particularly those with multiple or international study centres and those which offer remote study courses, Online assessment is used primarily to measure cognitive abilities, demonstrating what has been learned after a particular educational event has occurred, such as the end of an instructional unit or chapter. He also explained that when assessing practical abilities or demonstrating learning that has occurred over a longer period of time an online portfolio is often used, used to determine if learning is happening, to what extent and if changes need to be made, e-marking can be combined with electronic examinations, whilst in other cases students will still hand-write their exam responses on paper scripts which are then scanned and uploaded to an e-marking system for examiners to mark on-screen.

DAY 8 – 12.01.2024 (Friday)

Topic: ICT-Based Assessment, Methods and Programs in Tertiary Education

Speaker: Dr. DIANA MOSES
Professor, Department of CSE,
Methodist College of Engineering and Technology, Hyderabad

The Program Co-coordinator Dr. D. Lakshmi, Professor, EEE, AMET University welcomed the chief guest and all the dignitaries. The Program Co-coordinator Mrs. R. Rajasree, Assistant Professor, EEE introduced the chief guest and the session is handover to the session speaker.

The Session Speaker Dr. Diana Moses, Professor, Department of CSE, Methodist College of Engineering and Technology, Hyderabad delivered the essential of research publication that provides relevant theoretical frameworks and recent empirical research findings on integrating ICTs in tertiary education to enhance learning and allow students to take more control of their learning, the integration of ICTs has become an advantage for students at tertiary education when used for the right purpose to enhance learning. She also insists that the use of technology brings forth a flexible and accessible mode of education and bridges the gap of learning across borders, enables students at tertiary level to have access to other universities and academic resource materials globally, thereby expanding their knowledge, development of technology in education as part of a comprehensive pedagogical framework and take into account new developments in ICTs.

The Valedictory session starts at 04:00 PM. The Programme Co-ordinator Dr.V.Sridevi, Professor and Head EEE, AMET delivered the welcome address and invites all the dignitaries of the programme. Our Vice President Academics Dr. Deepa Rajesh, AMET University delivered the valedictory address and the objective of this faculty development programme for the participants and important aspects of Outcome-Based Education with ICT Tools. The Program Co-Coordinator Dr.D. Lakshmi, Professor, EEE delivered the report of this 8 days faculty development programme (05.01.2024 – 12.01.2024).

At the end of the valedictory session, vote of thanks was given by program Co- coordinator Mrs. R. Rajasree, Assistant Professor, EEE in which she has paid her gratitude to the Resource Persons, Chancellor, Vice Chancellor, Dean, Head of the Department's and Management, AIU for giving this valuable opportunity. She also expressed the gratitude towards all the participants who has spared their valuable time for attending this FDP.

