

## **Two Weeks Faculty Development Programme (FDP)**

### **Outcome based Education for Effective Learning and Teaching**

Two Weeks Faculty Development Programme (FDP) on “Outcome based Education for Effective Learning and Teaching”, was jointly organized by the Academic and Administrative Development Centre (AADC) of Academy of Maritime Education and Training – Deemed to be University and the Association of Indian Universities on July 19-27 July 2023 through Online Mode (Zoom Participants mode). About 400 applications were received from the participants and 350 were accepted and 290 participants were successfully completed the faculty development programme and received the certificate.

There were 7 sessions in the Faculty Development Programme including the assessment of FDP. Seven experts from various Universities/National Institutes of India have shared their experience and educate the faculty members about the importance of Outcome based Education and its alignment with the National Education Policy. All the sessions were done as interactive sessions to allow all the participants to interact with the experts to clarify their doubts and the guidelines provided with the case studies conducted to evaluate the effective implementation of Outcome based Education in some of the Universities.

The inaugural session of the FDP was held on 19th July 2023. The welcome address was delivered by Dr. T. Sasilatha, Dean International Relations, AMET; Col. Dr. G. Thiruvassagam, Pro Chancellor Academics delivered the presidential address and highlighted about the initiatives of the Association of Indian Universities and the importance of OBE for Effective teaching and insisted the need of effective teaching from class room to assessment. He pointed that continuous and effective implementation will help the students to update their skills and abilities in their domain and to be industry ready.

Followed by presidential address, the inaugural session was delivered by Dr. V. Rajendran, Vice – Chancellor, AMET. He has appreciated the AIU for developing the Academic and Administrative Development Centre to perfectly balance the academics and administration in an institution. He delivered about ways and procedures of the Outcome based Education which is to unleash the potential of the faculty towards student centric approach. He pointed about the essential of utilizing the ICT tools to interact and engage the students for effective learning.

In continuation of the inaugural, the technical session one started. Our guest speaker Dr. T.T. Mirnalinee, Professor & Head, Department of Computer Science and Engineering, SSN College of Engineering, Chennai. Professor has delivered the session on “OBE-Process Flow. She has discussed on essential shift from student centered approach to learner centered approach. She mentioned the Framework of National Board of Accreditation with sample programme which was conducted and implemented effectively in SSN.

Dr. G. Kulandaivel, Professor, Department of Electrical Electronics and Communication Engineering, National Institute of Technical Teachers, Training and Research, Chennai. He discussed on ICT tools for effective teaching and learning. He emphasized the role of ICT in modern day learning and shown various tools and its benefits. He also elaborated how the tools can be used in online/offline teaching to make our class interactive in a better way. He showcased the utilization of tools from different platforms which are available to use and thereby interacted the participants.

Dr. R. Varadharajan, Consultant, Pranav Consultation, Chennai discussed about Outcome Based Education: Instructional Design for Active Learning. He pointed out the information on the Innovative curricula and social Engagement. He emphasized the significance of Sustainable Development Goals (SDG) and its adoption in this modern day is essential as well as the difficulties we might face and how to overcome them. He insisted on the implementation of ethical practices to preserve the globe is essential nowadays, and this has to be adopted in the modern education.

Dr. P. Ezhilarasi, Professor and Head, Department of Electronics and Communication Engineering, St. Joseph's College of Engineering, Chennai delivered the session on Outcome Based Education. She shared her expertise in OBE from the traditional system. She explained the function, attributes, and components of OBE and its essential in implementation of National Education Policy. She suggested the proven assessment methodologies to be taken to evaluate the performance of the learners with the conducted case study.

Dr. S. Renukadevi, Professor and Head, Department of Engineering Education, National Institute of Technical Teachers, Training and Research, Chennai was our guest speaker and she delivered the lecture on Resilient Pedagogy. She explained the various pedagogical techniques needed for the modern-day teaching and learning. She emphasized the significance of generation Z learners.

Dr. A. Abudhahir, Director IQAC, Abdur Rahman Crescent Institute of Science & Technology, Chennai was the session speaker. He discussed about the case studies conducted in the Institution on Outcome Based Education. He described the effective outcome after implementing the process and its benefits. He showcased the impacts of the implementation of outcome-based education with the assessment for the course control systems and that gave clear insights on developing an effective CO, PO's.

Dr. K. Chitra, Professor and Deputy, Director – Directorate of Quality Assurance and Accreditation, VIT Chennai, was the guest speaker. Professor insisted on the necessity of OBE and its alignment with the National Education Policy 2020. She discussed about the various challenges involved in implementing the OBE and the adaptable strategies for the same.

During the valedictory session Mrs. J. Padmapriya, Scientist, Department of EEE, AMET proposed the welcome address and introduced the guests of the valedictory session. Dr. Deepa Rajesh, Vice President Academics and Nodal Officer, AADC, AMET delivered the presidential address and pointed about the significance of Outcome based Education and the necessity of effective implementation to equip the students to be encounter the design and developments of cutting edge technologies. She highlighted the major initiatives taken by the Association of Indian Universities towards the various avenues of faculty enrichments and scope for the faculty members for their academic enrichment.

Followed by the Chief Guest address was delivered by Dr. Vikas Tyagi, Professor and Head, School of Business, Dev Bhoomi University, Uttarakhand. He pointed about the quality of the education lies in the effective implementation of outcome based education. He interacted with the participants and provided clear vision on the impacts in the implementation of the same and how that could be overcome. Participants provided their feedback and appreciated the organizers for identifying the suitable resource persons as a chief guest for all the sessions and provide the detailed insights and AIU for sponsoring these kind of initiatives. Ms. J.K. Vaijayanthimala, Research Scholar, Department of EEE, AMET proposed the Vote of thanks to all the guests, speakers, participants, session chairs and organizing committee for making the event more successful.