

FACULTY ORIENTATION PROGRAM

Internal Quality Assurance Cell (IQAC), MRU, launched the Faculty Orientation Programme for the faculty members who joined the university in August 2022 onwards on 5th August 2022. The comprehensive orientation programme spanned over five weeks from 5th August to 21st September 2023, aimed to equip the participants with the necessary knowledge and tools to excel in their roles.

Day 1 began with a Faculty Diagnostic Assessment by Prof. (Dr.) Geeta Thakur, analyzing faculty knowledge and identifying necessary skills. Subsequent sessions covered institutional policies by Prof. (Dr.) Sangita Banga and faculty roles in student development by Hon'ble Vice Chancellor Prof. (Dr.) I.K. Bhat. The day concluded with an emphasis on student-centric learning, 21st-century skills in Teaching practices, and Bloom's Taxonomy.

On August 10th, 2023, during the second day of the program, Honorable Vice Chancellor Sir, Prof. (Dr.) I.K. Bhat spearheaded a session focusing on active learning strategies. The session underscored the pivotal role of teachers in ensuring high-quality facilitation, emphasized the importance of aligning activities with learning objectives, and highlighted the significant impact of the overall learning environment on students' development.

On August 17th, 2023, during Day three of the program, Professor (Dr.) I.K. Bhat, the Honorable Vice Chancellor, conducted an enlightening session on Outcome-Based Education (OBE) and the process of crafting examination question papers. In this insightful session, participants gained a comprehensive understanding of OBE principles and how they can be effectively incorporated into the educational framework.

On August 19th, 2023, Day four delved into the concepts of CO (Course Outcomes), PO (Program Outcomes), and PSO (Program Specific Outcomes), along with their mapping and attainment. Professor (Dr.) Sangita Banga, the Pro-Vice Chancellor at MRU, elucidated how Outcome-Based Education (OBE) fosters accountability, ensures quality, and facilitates continuous improvement within the educational framework. The session also elucidated the process of calculating CO-PO attainment through the EMS facility, elucidating the various parameters responsible for this calculation. Additionally, Hon'ble Vice Chancellor, Prof. (Dr.) I. K. Bhat, provided hands-on experience in "Cooperative learning using Jigsaw for stress management." The activity-based session concluded with participants gaining in-depth knowledge and confidence in the demonstrated technique.

The session on the fifth day, on August 24th, 2023, concentrated on the generation of electronic content. Dr. Savita Sharma, Associate Professor at the School of Education & Humanities, emphasized the crucial role of creating E-content as a key avenue for the continuous professional development of faculty members. This significance was underscored, particularly in light of recent initiatives by the UGC in this field. Various aspects related to the complexities of E-content development and open educational resources across various platforms were explored. Major emphasis was placed on the fundamental requirement for faculty members to possess a thorough understanding of Creative Commons licenses and copyright norms during the E-content development process.

On the 6th day (August 31st, 2023) of the FDP Prof. (Dr.) Sangita Banga, Pro-Vice Chancellor, led an insightful session on "Accreditations and Rankings – NIRF/NAAC/NBA/QS". Dr. Banga explained the crucial role that accreditations and rankings play in assessing the quality and standing of educational institutions. The session provided a detailed overview of the key attributes of assessment criteria and outlined the requirements necessary to achieve the goal of quality sustenance.

On the 7th day (September 2nd, 2023) of the FDP, **Prof. (Dr.) Pradeep Kumar Varshney** led an informative session on "Research & Its Importance - Innovation, Entrepreneurship, and Startup & Institutional Support."

The pivotal role of research outcomes, their impact on academic excellence and societal progress were emphasized by Prof. Varshney. The session delved into the symbiotic relationship between robust research practices and the university's global ranking and accreditation, shedding light on how a strong research foundation attracts top-tier faculty, students, and collaborative opportunities. The session also provided an extensive overview of MRU's cutting-edge research facilities, research policies, and the strategic research plan, highlighting the university's dedication to foster an environment conducive to groundbreaking research, innovation, and entrepreneurial endeavors.

During the second session of the day on "Course File Maintenance- ERP." Prof. (Dr.) Sangita Banga, the esteemed PVC at MRU, detailed the integration of various ERP modules and their functions covering different aspects of course content development & delivery ensuring alignment with academic standards and institutional goals.

Further, during the third session on **"Curriculum Planning and Development"** Prof. Banga emphasized its role in shaping student learning experiences. The need for a thorough analysis of identifying curriculum gaps, considering industry requirements, student aspirations, and societal needs was discussed. Prof. Banga explained the importance of learning objectives, their alignment with the institution's mission, novel pedagogical approaches and the role of technology in enhancing the learning experience and preparing students for the digital age.

An edifying session on **Project Based Learning: Developing Rubrics for Project Based Learning** on 2nd September, 2023 was conducted by Prof.(Dr.) Geeta Thakur. As an initiative for best practices and developing innovative teaching methods, the Elementary Engineering Education (EEE) model was explained in detail with live, exemplary demonstrations of learning by doing. SAMR model for improving the integration of technology along with the different stages of enhancement, namely substitution, augmentation, modification, and redefinition, were discussed and explained.

The eighth day on 21st September 2023 by **Prof. Geeta Thakur dealt with the** Evaluation, Engagement, and Entertainment model of Digital Learning. The importance of maintaining a balance between Evaluation, Engagement, and Entertainment for effective digital learning was stressed. Successful case studies, offering valuable insights and strategies for implementation in the digital learning were illustrated.

Throughout the program, emphasis was placed on fostering engaging and effective learning environments, aligning teaching methodologies with contemporary educational paradigms, and equipping faculty with necessary tools for a dynamic academic landscape.