



Department of ECE, CSE and CSE (DS)

in association with

Office of VP(Academics), IQAC and SDC

Faculty Development Programme Report

1. Basic Details

Title of the Programme: Five - Day Faculty Development Programme on "Building a Culture of Academic Excellence through the New NBA SAR Framework."

Category: Faculty Development Programme (FDP)

Duration : 27 July 2026 – 31 July 2026

Time:

Day 1: Session 1 (10:00 AM – 12:30 PM), Session 2 (2:00 PM – 4:15 PM)

Day 2: Session 3 (10:00 AM – 12:30 PM), Session 4 (2:00 PM – 4:15 PM)

Day 3: Session 5 (9:00 AM – 11:15 AM), Session 6 (2:00 PM – 4:15 PM)

Day 4: Session 7 (10:00 AM – 12:30 PM), Session 8 (2:00 PM – 4:15 PM)

Day 5: Session 9 (10:00 AM – 12:30 PM), Session 10 (2:00 PM – 4:15 PM)

Venue / Mode (Offline/Online): Offline , Falconry Hall, C 102 Room Number.

Organizing Department / Unit: Department of ECE, CSE, CSE(DS) in association with IQAC and Skill Development Centre.

Coordinator(s): Dr M Jayanthi (ECE), Dr Joshua Daniel Raj (CSE-DS) and B Santosh Kumar B (Associate Head -IQAC)

Target Audience: Faculty Members of NHCE and External Participants from other engineering colleges.

Number of Participants Attended:

Teaching Staff: 35 participants

Non-Teaching / Technical Staff: Nil

Others (if any): Nil

2. Objective of the Programme

The FDP was organised to equip faculty members with the knowledge and practical skills required to effectively implement the revised NBA Self-Assessment Report (SAR) framework and strengthen Outcome-Based Education (OBE) practices.

The objectives were:

- To familiarise faculty members with the revised NBA SAR framework.
- To strengthen understanding of Outcome-Based Education principles.
- To enhance competency in curriculum design aligned with OBE.
- Introducing innovative pedagogical approaches for student - centered learning.
- To improve assessment methods, CO-PO attainment, and Continuous Quality Improvement (CQI).
- To prepare faculty for effective documentation required during NBA accreditation.

3. Resource Person(s) Details

Name	Designation	Affiliation / Organisation
Dr. Kanmani Buddhi	Retired Professor	BMS College of Engineering and IGIP International Engineering Educator
Dr M Jayanthi	Associate Professor	Dept of ECE, New Horizon College of Engineering, Bangalore
Dr B Roja Reddy	Associate Professor	Dept of ECE, RV College of Engineering, Bangalore.
Ms Asha Rani Bohra	Senior Assistant Professor	Dept of CSE, New Horizon College of Engineering, Bangalore.
Dr. Smitha Prabhu	Professor	Dept of ECE, Nitte Meenakshi Institute of Technology, Bangalore
Dr Joshua Daniel Raj	Associate Professor	Dept of CSE, New Horizon College of Engineering, Bangalore.
Dr Santosh Kumar. B	Associate Head and IQAC	New Horizon College of Engineering, Bangalore.
Dr. Vasantha Lakshmi M	Associate Professor	Department of ETCE, B M S College of Engineering, Bangalore
Dr. Babita Jain	Dean - IQAC	New Horizon College of Engineering, Bangalore.

Dr. Gurulakshmi AB	Associate Head and IQAC	New Horizon College of Engineering, Bangalore.
Dr Aravinda K	Professor and Head, Dept of ECE, NHCE, Bangalore	Dept of ECE, New Horizon College of Engineering, Bangalore

4. Summary of Sessions / Activities Conducted

Session No.	Topic / Activity	Resource Person	Highlights
1	Global Competency through OBE	Dr. Kanmani Buddhi	The session emphasised the importance of Outcome-Based Education (OBE), continuous quality improvement, and the evolving expectations of the revised NBA Self-Assessment Report (SAR) framework.
2	Hands-on Workshop: Outcome-Based Course Design	Dr. M Jayanthi	The hands-on workshop provided participants with practical experience in Outcome-Based Course Design, including writing measurable Course Outcomes (COs), mapping COs with POs and PSOs, applying the ADDIE instructional design model, and preparing outcome-based lesson plans aligned with OBE principles and NBA requirements.
3	Innovative Pedagogical Approaches for Higher Education	Dr. B Roja Reddy	The session focused on learner-centric education, active learning strategies, experiential learning, collaborative teaching methods, and innovative classroom practices that enhance student engagement and improve learning outcomes.
4	Hands-on Activity: Pedagogical Approaches	Ms. Asha Rani Bohra	Conducted an interactive hands-on session on implementing innovative pedagogical techniques. Through practical classroom activities, collaborative exercises, and a gallery walk, participants explored effective methods for 5 integrating modern pedagogical approaches into engineering education.

5	Assessment and Evaluation	Dr. Smitha Prabhu	The session emphasised designing effective assessment strategies aligned with Course Outcomes, preparing analytical rubrics, implementing direct and indirect assessment methods, and evaluating student performance in an Outcome-Based Education framework.
6	Hands-on Activity: Assessment Design and Evaluation	Dr. Joshua Daniel Raj Dr. Santosh Kumar. B	Participants actively designed assessment tools, developed rubrics, mapped assessments to Course Outcomes, and practiced CO attainment calculations through collaborative activities and case studies.
7	Insights into NBA Accreditation based on New SAR (Criteria 1 to Criteria 4)	Dr. Vasantha Lakshmi M	The session provided comprehensive guidance on curriculum design, teaching-learning processes, student performance, faculty contributions, and documentation practices required under the revised NBA accreditation framework.
8	Hands-on Activity: Outcome Attainment in OBE: Assessment Strategies, Calculation, and Compliance	Dr. Babita Jain	Participants learned systematic approaches to CO-PO attainment calculations, target setting, gap analysis, Continuous Quality Improvement (CQI).
9	Insights into NBA Accreditation based on New SAR (Criteria 5 to Criteria 8)	Dr. Gurulakshmi AB	The session covered governance and leadership, infrastructure and learning resources, institutional support systems, quality assurance practices, and continuous improvement mechanisms essential for sustaining academic excellence and successful NBA accreditation.
10	Stress Management through Yoga	Dr. Aravinda K	The session highlighted the importance of physical fitness, mental well-being, mindfulness, and work-life balance in enhancing faculty productivity and sustaining professional excellence.

5. Participant Feedback (Summary)

The feedback received from participants was highly positive, reflecting the overall success of the programme. Faculty members appreciated the well-structured sessions, expert resource persons, and the practical orientation of the FDP.

Participants particularly appreciated:

- Comprehensive coverage of the revised NBA SAR framework and Outcome-Based Education (OBE).
- Hands-on workshops on course design, lesson planning, innovative pedagogies, and assessment design.
- Interactive learning through group activities, gallery walk, discussions, and collaborative exercises.
- Practical sessions on CO–PO mapping, outcome attainment, and NBA documentation.
- Ready-to-use templates, examples, and implementation strategies for academic practice.

Overall, participants expressed increased confidence in implementing OBE principles, adopting innovative teaching-learning practices, preparing NBA documentation, and contributing effectively to quality enhancement and accreditation initiatives within their departments.

6. Outcomes of the Programme

Throughout the five days, the programme witnessed enthusiastic participation from faculty members across various departments. The sessions combined expert lectures with practical workshops, enabling participants to gain both conceptual understanding and hands-on experience.

The FDP successfully enhanced participants' knowledge of:

- The revised NBA SAR framework and accreditation process.
- Outcome-Based Education and course design.
- Innovative pedagogical practices.
- Assessment planning and evaluation techniques.
- Outcome attainment calculation and documentation.
- Continuous quality improvement practices.
- Stress management and personal well-being.

7. Photographs / Screenshots



Lighting of the Lamp



FDP opening Address by Principal



Token of Appreciation to Chief Guest



Keynote Speaker



Group Photo after Keynote Address



Day 1 Glimpse – 27th July 2026



Day 2 Glimpse – 28th July 2026



Day 3 Glimpse – 29th July 2026



Day 3 Glimpse – 29th July 2026



Day 4 - 30th July 2026



Day 5 – 31st July 2026



Valedictory Function



Feedback Session

8. Remarks / Recommendations (Optional)

Participants recommended conducting more FDPs focusing on:

- NBA documentation workshops
- Continuous Quality Improvement implementation

9. Submitted by:

Name of Coordinator(s): Dr M Jayanthi , Dr Joshua Daniel Raj , B Santosh Kumar

B Designation: Associate Professor - ECE, Associate Professor-CSE-DS

Department: Electronics & Communication, CSE(DS) , CSE

Date of Submission: 04/08/2026