NANDHA ENGINEERING COLLEGE, AUTONOMOUS- ERODE-52

CENTRE FOR LEARNING AND DEVELOPMENT & IQAC

PROGRAMME: FACULTY DEVELOPMENT PROGRAMME- FDP

DATE: 30.08.2025- SATURDAY

EVENT REPORT

SESSION DETAILS:

SESSION	TIME	TOPIC	RESOURCE PERSON
I	09.15 AM- 04.30 PM	Outcome Based Education and Essential AI Tools for Teachers and Researchers	Dr. Suresh Namboothiri Mentor, Gen AI- Interdisciplinary Research & AI Consultant, PRS Solutions Ltd

Sustainable Development Goals (SDG) Alignment

SDG 4: Quality Education - "Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all"

Education for Sustainable Development

"By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development"

Programme Relevance:

- AI tools can integrate sustainability concepts across disciplines
- Faculty equipped to design interdisciplinary courses addressing global challenges
- Research applications of AI can focus on sustainable development solutions

SDG 4 Target	Programme Activity	Direct Impact	Multiplier Effect
4.3 - Higher Education Access	OBE Training	Improved teaching quality	Better student outcomes
4.4 - Relevant Skills	AI Tools Training	Digital literacy for faculty	Students gain AI/tech skills
4.7 - Sustainable Development	Research Applications	Faculty can integrate sustainability	Cross-disciplinary impact
4.C - Teacher Development	Entire Programme	Direct faculty capacity building	Institutional transformation

PARTICIPANT DETAILS:

TOTAL NUMBER OF PARTICIPANTS	168

Session Objectives:
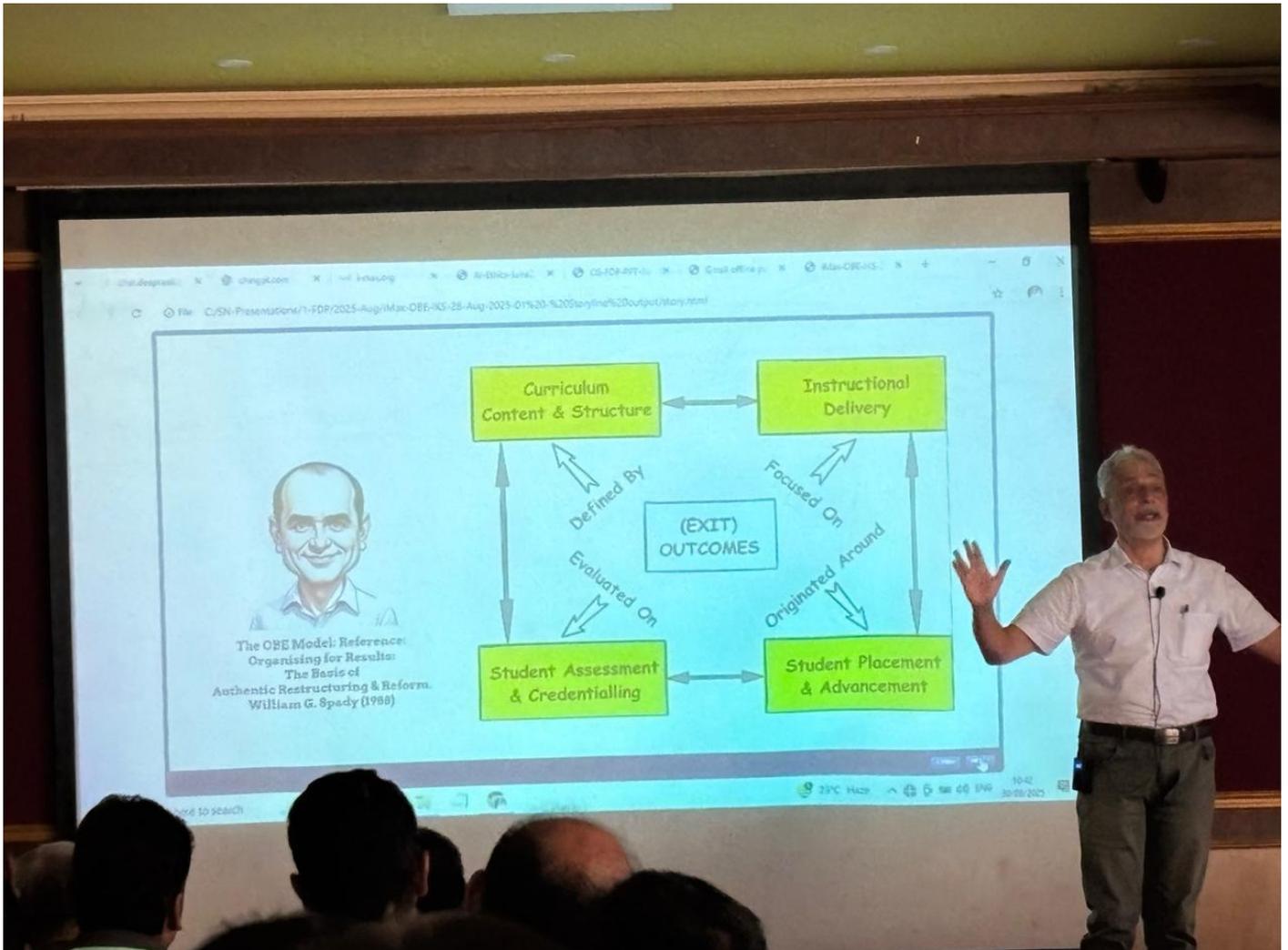
The Programme was designed to:

1. Enhance Faculty Competency in Outcome-Based Education (OBE)

2. Introduce Essential AI Tools for modern teaching and research

3. Promote Pedagogical Excellence Through Innovative Approaches

Key Topics Covered

☐ Understanding OBE principles and framework

☐ Designing measurable learning outcomes

☐ Developing assessment strategies aligned with outcomes

☐ Quality assurance in OBE implementation

☐ AI-powered teaching aids and platforms

☐ Research automation and data analysis tools

☐ Content creation and personalization using AI

Event Photos

Dr. Suresh Namboothiri, explained the importance of exit outcome in OBE framework and demonstrated AI tools in teaching & research

Conclusion

The Faculty Development Programme on "Outcome Based Education and Essential AI Tools for Teachers and Researchers" conducted on August 30, 2025, represents a landmark initiative in educational transformation at Nandha Engineering College. This programme has successfully bridged the gap between traditional pedagogical approaches and modern educational requirements, positioning the institution at the forefront of academic innovation.

This programme represents a significant contribution to **Sustainable Development Goal 4 - Quality Education**, particularly Target 4.C (teacher development). The multiplier effect of training 100+ faculty members will positively impact thousands of students annually, contributing to national development goals and the knowledge economy.
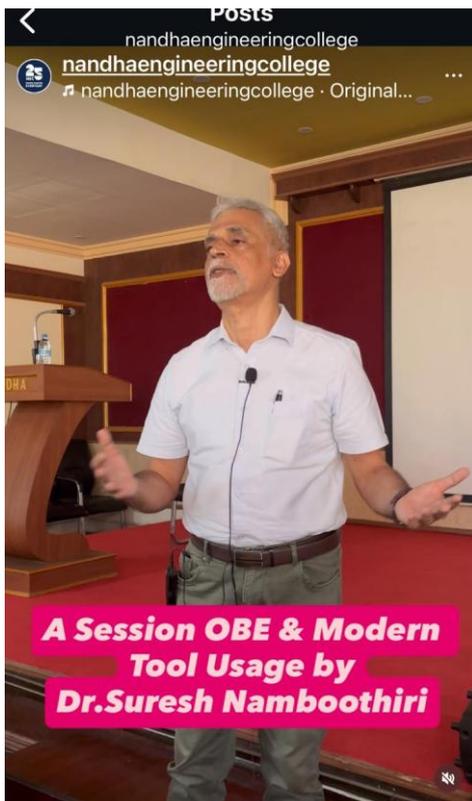
Future Roadmap:

The success of this programme establishes a foundation for:

- Regular faculty development initiatives in emerging technologies

- Integration of AI tools across all academic departments

- Development of interdisciplinary research projects

- Continuous curriculum updates based on industry trends

Recognition of Excellence:

- The collaboration between CLD NANDHA and the Internal Quality Assurance Cell demonstrates the institution's commitment to holistic faculty development. The choice of Dr. Suresh Namboothiri as the resource person reflects the college's dedication to engaging with leading experts in educational innovation.

Event Post in Instagram

Prepared by: Centre for Learning Development (CLD NANDHA)
Date of Report: 02, September 2025
Enclosure: Attendance Sheet, Feedback Consolidation & Post Quiz Report

Flyer:

NANDHA Engineering College

(Autonomous)

(Affiliated to Anna University, Chennai, Approved by AICTE, New Delhi)

Erode, Tamil Nadu

CLD NANDHA
Centre for Learning Development

&

Internal Quality Assurance Cell

Jointly Organizes

Faculty Development Programme on

OUTCOME BASED EDUCATION AND ESSENTIAL AI TOOLS FOR TEACHERS AND RESEARCHERS

Resource Person

August
30
2025

09:15 AM | Saturday
NEC - Conference Hall

Dr. SURESH NAMBOOTHIRI

Innovator, Speaker & Mentor - Generative AI for
Inter-disciplinary Research,
Pedagogical Excellence, Design Thinking
Qualitative OBE, and Business Excellence.

www.nandhaengg.org