



RV Educational institutions

**RV Institute of Technology and Management**®

**Bangalore – 560076**

**Department of Information Science Engineering**

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| <b>Event Name</b> | <b>5 DAY FDP ON OUTCOME BASED EDUCATION</b>                              |
| <b>Theme</b>      | Learn and practice Outcome Based Education culture.                      |
| <b>Date</b>       | 25 <sup>th</sup> September 2023 to 04 <sup>th</sup> October 2023(5 Days) |
| <b>Venue</b>      | 6 <sup>th</sup> floor Seminar Hall                                       |

### **Objective of the Program:**

The primary objective of the 5-day Faculty Development Program (FDP) on "Outcome-Based Education" is to equip educators with the knowledge, skills, and tools necessary to effectively implement and manage outcome-based education practices in their institutions. By the end of this FDP, participants will be well-equipped to lead the implementation of outcome-based education in their Institutions, contributing to the improvement of educational quality and the success of their students in the rapidly evolving engineering field.

### **Topics Covered:**

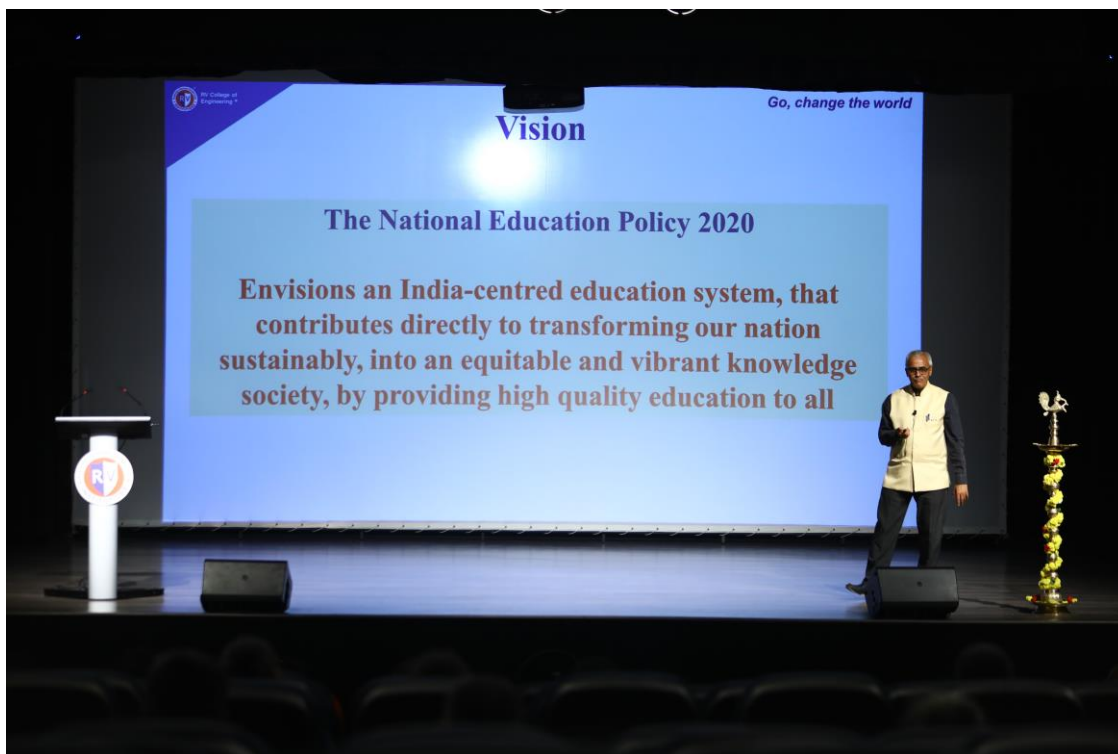
- NEP-2020
- Outcome Based Education
- Pedagogical Practices for Millennial Learners
- Curriculum Design & Planning
- Blooms Taxonomy
- Modernizing the Teaching-Learning Paradigm
- Significance of CO-PO Attainment
- Outcome Analysis and Improving Employability Outcomes
- Creating MOOCs
- Developing E-Content and ICT Tools for Blended Learning
- Profile Creation

**Day 1:25.09.2023**

**10.30am to 11.30am**

**Inaugural Function**

The program was started with the Inauguration session. Dr. Latha C A, HoD, Department of ISE started the session with the Welcome address. It was then followed by invocation song by Dr. Niharik P Kumar Associate Professor Department of ISE and Dr. Shruthi P, Assistant Professor, Department of ISE. Dr. Vinoth Kumar M, Associate Professor, Dept of ISE gave details about the objectives and details about the FDP. Prof. Deepak D J Assistant Professor, Department of ISE has introduced the chief guest to session. The Chief guest of the session Dr. K.N Subramanya, Principal, RVCE, Bangalore has set the right tone to the program by delivering Inaugural address to the participants and by outlining the importance of National Education Policy (NEP 2020). Finally, Dr. Shruthi P, Assistant Professor, Department of ISE proposed vote of thanks to the gathering and concluded the Inaugural function.



**Day 1:25.09.2023**

**11.45am to 1.15pm**

**Forenoon Session**

**Topic:**

Out come based education: Essentials and frame works

**Resource Person:**

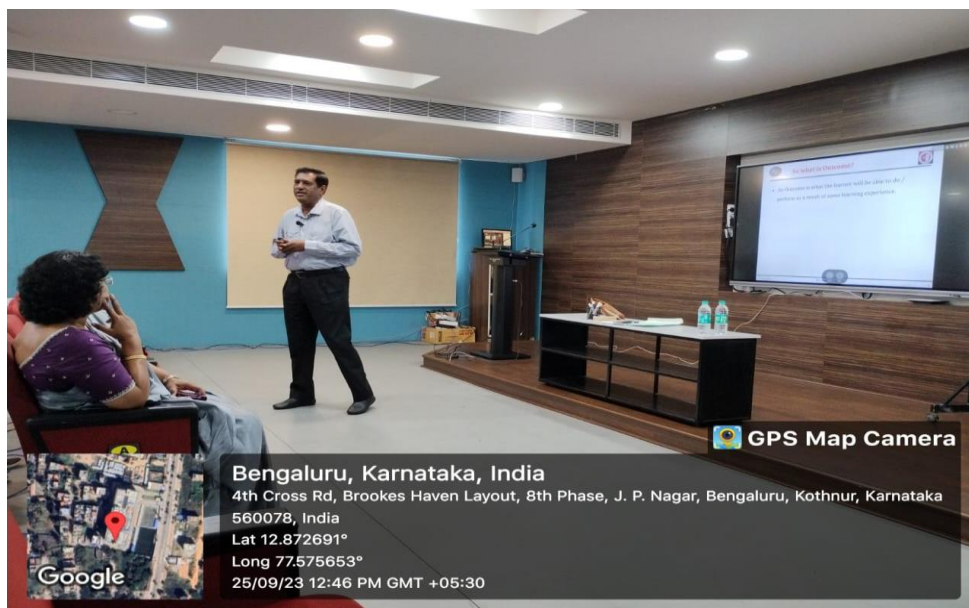
Dr. Guruprasad Nagaraj,

Professor, CSE

Global Academy of Technology, Bengaluru.

The following titles are covered in the forenoon session

- Essentials of OBE
- Framework of OBE



**Day 1: 25.09.2023**

**02.00pm to 04.00pm**

**Afternoon Session**

**Topic:**

Pedagogical practices for millennial learners – Hands-on.

**Resource Person:**

Dr. Swarna M Patra, Assistant Professor, Department of Chemistry, RVCE, Bangalore.  
Prof.Prapulla, Assistant Professor, Department of CSE, RVCE, Bangalore.

The following titles are covered in the Afternoon session

- Video based learning
- Self study
- Performance support
- Coaching sessions
- Group Activities





**Day 2: 27.09.2023**

**10.00am to 12.00pm**

**Forenoon Session**

**Topic:**

Profile Creation- Hands-on.

**Resource Person:**

Dr.Kendaganna Swamy S

Assistant Professor, Department of Electronics and Instrumentation Engineering,  
RVCE, Bangalore.

The following titles are covered in the forenoon session

- Digital lesson plans,
- Use of smart boards and e-portfolios.



**Day 2: 27.09.2023**

**12.00pm to 1.30pm**

**Topic:** Effective Assessment Techniques and Rubrics.

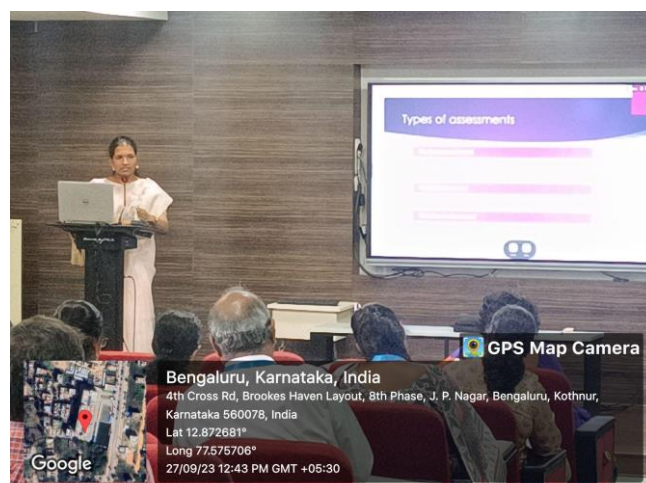
**Resource Person:**

Dr. Rajasree.P.M

Assistant Professor, Department of Electronics and Instrumentation Engineering,  
RVCE, Bangalore.

The following titles are covered in the session.

- Construction of a rubric, with its criteria, characteristics, and levels of achievement.
- Application of the rubric to ascertain students' perceptions and satisfaction with its validity



**Day 2: 27.09.2023**

**2.00pm to 4.30pm**

**Afternoon Session**

**Topic:**

ICT tools for blended learning.

**Resource Persons:**

Dr. Kendaganna Swamy S

Assistant Professor,

Department of Electronics and Instrumentation Engineering,

RVCE, Bangalore.

Prof. Suhmitha N

Assistant Professor,

Department of Information Science and Engineering,

RVCE, Bangalore.

The following titles are covered in the afternoon session

- Blended and flipped learning methods
- ICT tools and their applications



**Day 3: 30.09.2023**

**10.00 am to 11.30 pm**

**Forenoon Session**

**Topic:** Modernizing the Teaching-Learning Paradigm

**Resource Person:**

Dr. Radhakrishna, BE, M Tech, PhD  
Professor and Head,  
Department of Civil Engineering  
R. V. College of Engineering, Bangalore.

**The following titles are covered in the forenoon session**

- Experiential Learning Methods
- Teaching is an Art or Science
- Generation Z
- The best way to engage students during class
- Course Augmentation methods
- Innovative Methods
- Industry -Institute symbiosis
- Liberal Education Methods
- Importance of co-curricular activities.



**Day 3: 30.09.2023**

**11.45 am to 1.15 pm**

**Forenoon Session**

**Topic:** Creating MOOCS, developing E-Content

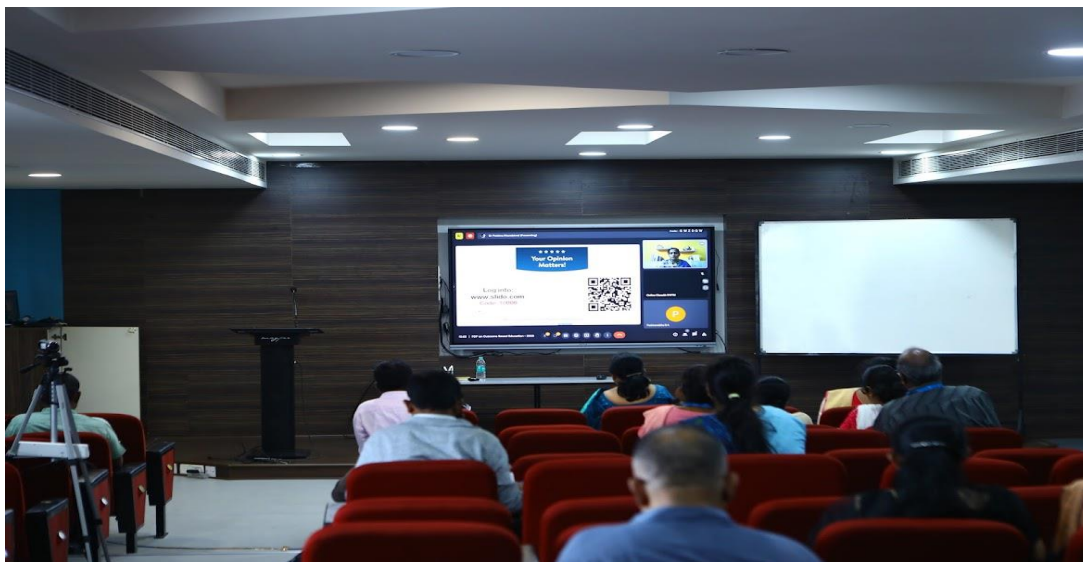
**Resource Person:**

Dr. Pratima Khandelwal  
Edu-prenuer, Founder  
FlyHigh Educational Excellence Services, Bengaluru



**The following titles are covered in the forenoon session.**

- Importance of MOOC courses.
- Online learning
- Creating MOOC Course.
- Developing E-Contents.
- How effectively e-content can be used in online sessions.
- Taking quiz and course delivery using online tools.



**Day 4: 03.10.2023**

**10.00 am to 11.30 pm**

**Forenoon Session**

**Topic:** Curriculum Design and Planning

**Resource Person:**

Dr. Geetha. K.S.

Vice Principal,

Professor, and Head

Department of Electronics and Communication Engineering

RVCE, Bangalore.

**The following titles are covered in the forenoon session**

- Curriculum Framework Fundamental Principles
- Curriculum Planning for Outcome-Based Education
- Curriculum Development and Implementation
- Curriculum Assessment and Improvement



**Day 4: 03.10.2023**

**11.45 am to 1.15 pm**

**Forenoon Session**

**Topic:** Blooms Taxonomy

**Resource Person:**

Dr. Shanmukha Nagaraj  
Dean of Academics, Professor  
Department of Mechanical Engineering,  
RVCE, Bengaluru.

**The following titles are covered in the forenoon session**

- 6 Levels of Cognitive Learning in Blooms Taxonomy
- Case Study demonstrating each level of Blooms Taxonomy consisting of remembering, understanding, applying, analyzing, evaluating, and creating.



**Day 4:03.10.2023**

**2.00 pm to 4.45 pm**

**Afternoon Session**

**Topic:** Curriculum Design and Planning - Hands-On

**Resource Person:**

Dr. Swarna M Patra,  
Assistant Professor, Department of Chemistry,  
RVCE, Bangalore.

Prof.Prapulla,  
Assistant Professor, Department of CSE,  
RVCE, Bangalore.

**The following titles were covered in the afternoon session of Hands-On**

- Curriculum Design-PO-CO mapping
- Identify the COs, POs & BT levels
- Improvement Action Plan





**Day 5: 04.10.2023**

**Timings: 10.00am to 03.00 pm**

**Topic:**

Significance of CO-PO Attainment

**Resource Persons:**

Dr. Shylashree N  
Associate Professor, ECE  
RVCE, Bengaluru

Dr. Ramaa  
Associate Professor, IM  
RVCE, Bengaluru

The following topics were covered in the session

- Curriculum Design
- CO-PO Mapping
- Outcome Based Education Structure
- National Education Policy
- Improvement Action Plan
- CO Attainment – Hands-on
- PO Attainment – Hands-on



**Day 5: 04.10.2023**

**Timings: 3.30pm to 4.00 pm**

**Valedictory function**

The valedictory function of the Faculty Development Program (FDP) marked the culmination of an intensive and enriching learning journey, where participants, Experts, and organizers came together to celebrate the successful completion of the program.

Dr. Jayapal R, Principal, RVITM presided over the valedictory function and distributed participation certificate along with chief guest. During the valedictory function, participants had the opportunity to reflect on their FDP experience, share their key takeaways, and express their gratitude towards the organizers and fellow participants for their support and collaboration throughout the program. Dr. Vinoth Kumar M, Associate professor, Department of ISE concluded the session with vote of thanks. The session is winded up with group photo with participants.



**Coordinators Signature**

**HOD's Signature**