



# **Swami Keshvanand Institute of Technology, Management & Gramothan**

**Approved by AICTE, Ministry of HRD, Government of India  
Recognized by UGC under Section 2(f) of the UGC Act, 1956  
Affiliated to Rajasthan Technical University, Kota**

## **Faculty Development Programme**

**For**

## **Newly Recruited Faculty Members**

🏠: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA

☎: +91-141-5160400, 2752165, 2759609 | 📠 : 0141-2759555

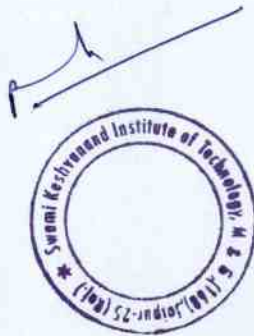
✉: [info@skit.ac.in](mailto:info@skit.ac.in) | 🌐: [www.skit.ac.in](http://www.skit.ac.in)

## NOTICE

It has been decided to hold an inhouse faculty development programme by Prof. (Dr.) N.K. Banthiya, Head PAQIC from April 29, 2019 to May 4, 2019. Based upon observations during his visits to classes undertaken by various faculty members he will discuss ways and means to improve class room delivery. He will also discuss about other techniques to improve teaching learning process.

The faculty members whose classroom deliveries have been audited by Dr. Banthiya and the faculty members who have not attended any FDP before in SKIT should attend this programme. Other faculty members who are free may also attend this FDP.

The HODs are kindly requested to see to it that faculty from their departments attend the programme. Irregular faculty members will not be awarded certificates.



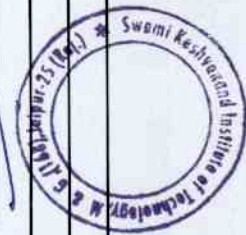
*S.L. Surana*  
Dr. S.L. Surana  
Director (Academics)

**Copy to:**

1. The Director
2. The Principal
3. The Registrar
4. The Adviser
5. Prof. (Dr.) N.K. Banthiya, Head PAQIC
6. All HODs-EC, EE, CSE, IT, ME, CE, MS, Phy., Chem., Maths, English
7. File

## FDP Attendance sheet

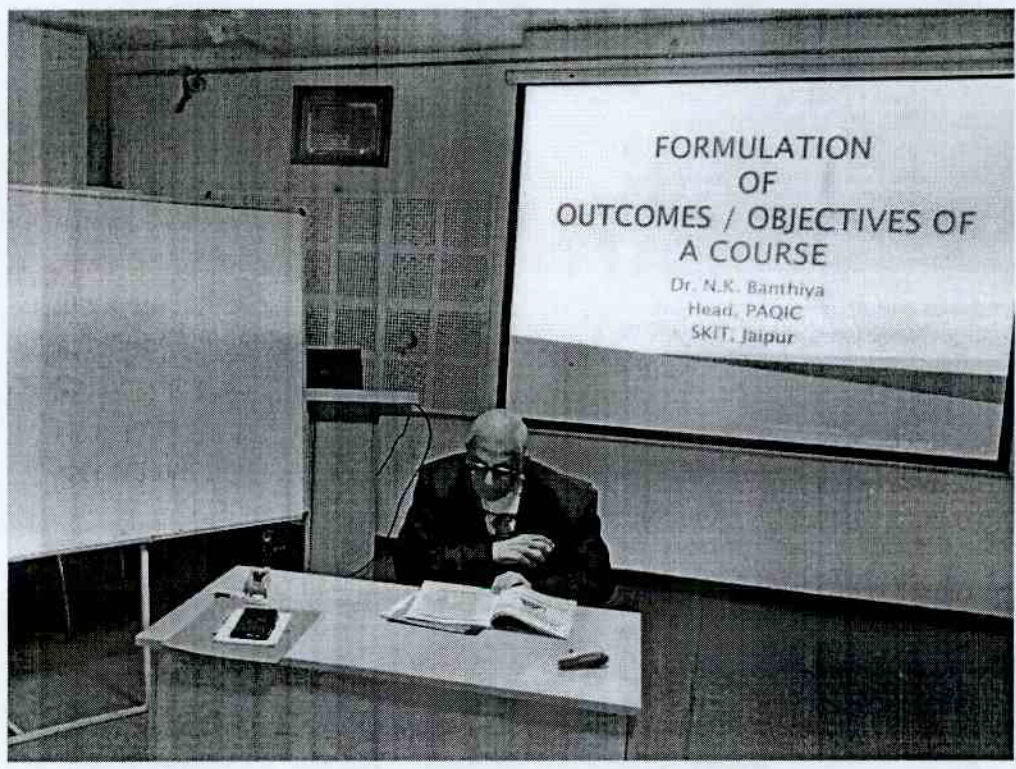
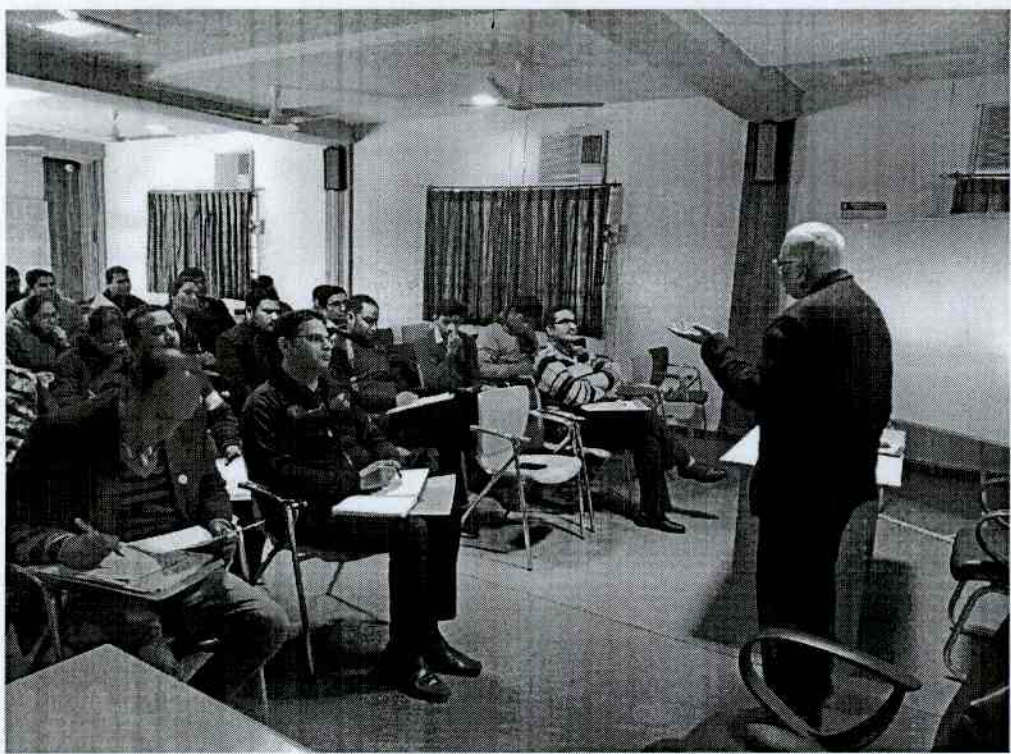
Sr. No.	Name	Designation	Dept.	29-04-2019	30-04-2019	01-05-2019	02-05-2019	03-05-2019	04-05-2019	07-05-2019	Remarks
1	AKASH JOHARI	ASSISTANT PROF. 1	CE	P	AB	P	P	P	P	P	AL on April 30, 2019
2	POOJA JAIN	ASSISTANT PROF. 2	CE	P	P	P	P	P	P	P	
3	PRIYANKA GUPTA	ASSISTANT PROF. 2	CE	P	P	P	P	P	P	P	
4	Bhawna Choudhary	Asst. Prof.	CSE	P	P	P	P	P	P	AB	
5	Dr. Sunita Gupta	ASSOCIATE PROF. 1	CSE	P	AB	P	P	P	AB	P	
6	NIKETA SHARMA	ASSO. PROF.	CSE	AB	P	P	P	P	P	P	Ajmer for General Election
7	Rajat Goel	Assoc. Prof.	CSE	P	P	P	AB	P	P	AB	
8	Rashmi Dadhich		CSE	AB	AB	P	P	P	P	AB	
9	Shanu Tripathi	Asst. Prof.	CSE	P	P	P	P	P	P	P	
10	SUSHANT KUMAR	Asst. Prof.	CSE	P	P	P	P	P	P	AB	
11	YOGENDRA KUMAR GUPTA	ASTT. PROF.	CSE	AB	P	P	P	P	AB	P	NEET exam duty AL
12	GLORIA JOSEPH	ASSISTANT PROF. 1	ECE	P	P	P	P	P	P	P	
13	HARSHAL NIGAM	ASSISTANT PROF. 1	ECE	AB	P	P	P	P	P	AB	
14	JAYPRAKASH VIJAY	ASSOCIATE PROF. 1	ECE	P	P	P	P	P	P	AB	
15	URVASHI PRAKASH SHUKLA	ASTT. PROF.	ECE	P	P	P	P	P	P	AB	
16	VIKAS PATHAK	ASSOCIATE PROF. 1	ECE	AB	P	P	P	P	P	AB	
17	GARVIT KUMAR GUPTA	ASSISTANT PROF. 1	EE	P	P	P	P	P	P	AB	
18	GAURAV KANSAL	ASSISTANT PROF. 2	EE	P	P	AB	P	P	P	P	Busy in Internal Practical Exam of BEE(II)
19	RAMESH PRAKASH	ASSISTANT PROF. 1	EE	P	P	P	P	P	P	P	
20	TARUN KUMAR CHHEEPA	ASSISTANT PROF. 2	EE	P	P	P	P	P	P	AB	
21	TARUN NARUKA	ASSOCIATE PROF. 1	EE	AB	P	P	P	P	P	P	Ajmer for General Election
22	VIKRAM SINGH	ASSISTANT PROF. 1	EE	P	P	P	P	P	P	AB	University Practical Exam
23	C.P. JAIN	ASSISTANT PROF. 2	MATHS	P	P	P	P	P	P	P	
24	DR. NAWAL KISHOR JANGID	ASSOCIATE PROF. 1	MATHS	P	P	P	P	P	P	P	
25	DR. VIVEK VIJAY	ASSISTANT PROF. 2	MATHS	P	P	P	P	P	P	P	
26	SUMIT GUPTA	ASSISTANT PROF. 1	MATHS	P	AB	AB	AB	AB	AB	AB	
27	UDAI KUMAR SHARMA	ASSOCIATE PROF. 1	MATHS	P	P	P	P		P	P	





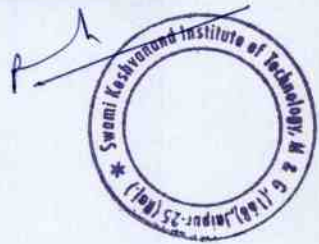
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FORMULATION  
OF  
OUTCOMES / OBJECTIVES OF  
A COURSE

Dr. N.K. Banthiya  
Head, PAQIC  
SKIT, Jaipur





Swami Keshvanand Institute of Technology, Management & Gramothan  
Ramnagar (Jagatpura) Jaipur-17

SKIT/OFFICE/2017/763

Date: 25.8.2017

**NOTICE**  
**Faculty Development Programmes**

Faculty Development Programmes are scheduled as follows:-

**1. Induction Programme**

This programme will be for new faculty members / those faculty members who have not attended such programme earlier / other interested faculty members

**Dates:** 1<sup>st</sup> September to 7<sup>th</sup> September, 2017

**Venue:** Room No. 201, Vikram Sarabhai Academic Block (Old building)

**Time:** 12.30 to 3.00 P.M.

**2. Training for Development and Implementation of Course Outcomes**

This programme will be for all the faculty members who are interested in developing and using Course Outcomes for their courses. All the faculty members attending Induction Programme will also attend this programme.

**Dates:** 4<sup>th</sup> September, 2017 to 5<sup>th</sup> September, 2017

**Venue:** Room No. 201, Vikram Sarabhai Academic Block (Old Building)

**Time:** 12.30 to 3.00 P.M.

All Heads of Departments and Sections are required to send the names of faculty members who will be attending the programmes to Dr. N.K. Banthiya in Programme Assessment & Quality Improvement Cell (PAQIC) in his office AC101 in the Vikram Sarabhai Academic Block (Old Building).

All Heads of Departments and Sections are also required to send the names of faculty members who would like to volunteer in assisting Dr. N.K. Banthiya in conducting the programmes.

Lists must be sent by 29<sup>th</sup> August, 2017. Some minor modifications may be made in the time tables so that concerned faculty members are able to attend the programmes.

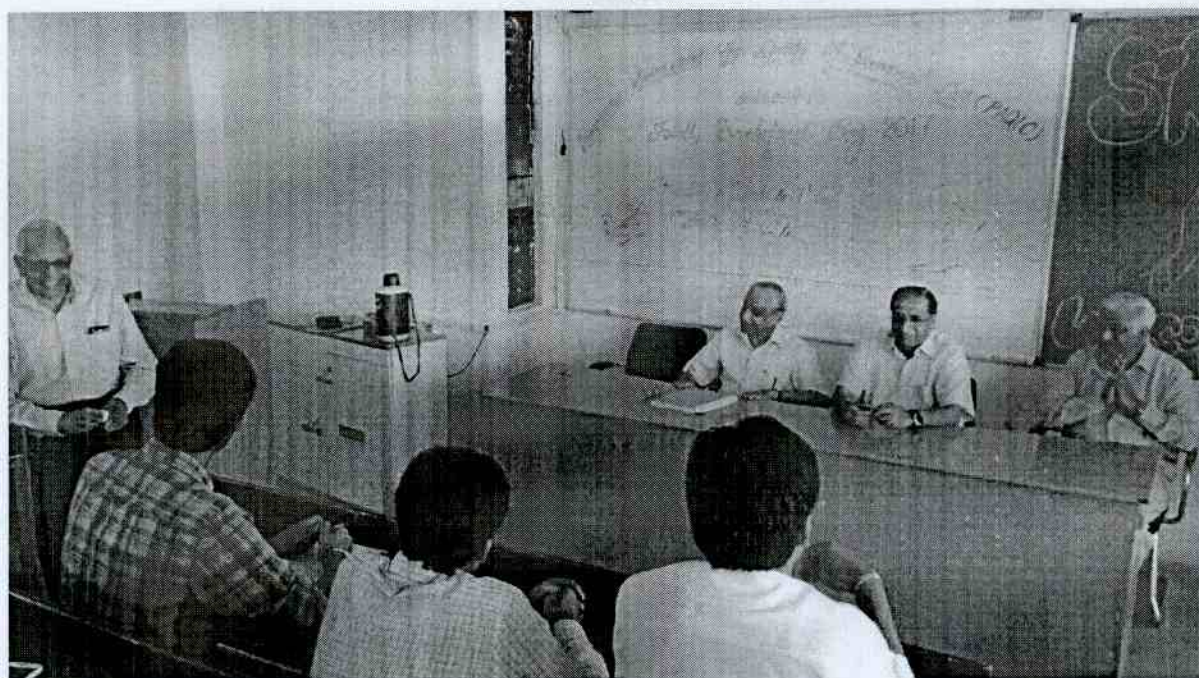


*S. L. Surana*  
(Dr. S.L. Surana)  
Director (Academics)

Copy to:

1. Director
2. Director (De&W)
3. Registrar
4. Principal
5. Advisers
6. Prof. N. K. Banthiya
7. All HODs-EC,EE,CS,IT,ME,CE,MS, I/c B. Tech. 1 year, Phy, Chem, Maths, English,
8. All faculty members
9. File

**Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur**  
**Programme Assessment & Quality Improvement Cell**  
**Faculty Development Programme (FDP)**





**Swami Keshvanand Institute of Technology, Management & Commerce, Jaipur**  
**Programme Assessment & Quality Improvement Cell**  
**Faculty Development Programme (FDP)**

**Attendance Sheet**

S. No.	Name of Faculty	Desig.	Deptt.	09-01-2017	09-02-2017	09-04-2017	09-05-2017	09-06-2017	09-07-2017	Remarks.
1	Mr. Achin Srivastav	Assoc. Prof.	ME	1	2	3	4	5	6	
2	Mr. Devanshu Rana	Asst. Prof.	ME	1	2	3	4	5	6	
3	Mr. Manoj Kumar	Asst. Prof.	ME	1	2	AB	4	5	6	
4	Mr. Vishnu Jangid	Asst. Prof.	ME	1	2	3	4	5	6	
5	Mohd. Suhaib Ansari	Asst. Prof.	ME	AB	AB	1	2	3	4	
6	Mr. Sumit Jhalani	Asst. Prof.	ME	1	2	3	AB	4	5	
7	Mr. Rahul Saraswat	Asst. Prof.	ME	1	2	3	4	5	6	
8	Mr. Ashish Saini	Asst. Prof.	EE	AB	AB	AB	AB	AB	AB	
9	Mr. Arun Nayak	Asst. Prof.	EE	1	2	3	4	5	6	
10	Mr. Vikram Singh	Asst. Prof.	EE	1	2	3	4	5	6	
11	Mr. Gaurav Kansal	Asst. Prof.	EE	AB	AB	1	2	3	4	
12	Mr. Nihit Giri	Asst. Prof.	EE	1	2	3	4	5	6	
13	Mr. Deepak Saini	Asst. Prof.	EE	1	2	3	4	5	6	
14	Mr. Ashish Sharma	Asst. Prof.	CE	1	2	3	4	5	6	
15	Mr. Sandesh Saxena	Asst. Prof.	CE	1	2	3	4	5	6	
16	Mr. Rishabh Machiwal	Asst. Prof.	CE	1	2	3	4	5	6	
17	Mr. Praveen Saraswat	Asst. Prof.	ECE	1	2	3	4	5	6	
18	Mr. Abhinandan Jain	Asst. Prof.	ECE	1	2	3	4	5	6	
19	Abhilasha Yadav	Asst. Prof.	ECE	1	2	3	4	5	6	
20	Richa Sharma	Asst. Prof.	ECE	1	2	3	4	5	6	
21	Mr. Vijay Kanungo	Asst. Prof.	CS/IT	AB	AB	AB	AB	AB	AB	
22	Ms. Nidhi Srivastava	Assoc. Prof.	CS/IT	1	2	3	4	5	6	
23	Mr. Nitin Gothwal	Asst. Prof.	CS/IT	1	2	3	4	5	6	
24	Ms. Neha Mathur	Asst. Prof.	CS/IT	1	2	3	4	5	6	
25	Ms. Garima Gupta	Asst. Prof.	CS/IT	1	2	3	4	5	6	
26	Mr. Pankaj Kumar Jadw	Asst. Prof.	CS/IT	AB	AB	1	2	3	4	
27	Ms. Tanu Shree Dhiran	Asst. Prof.	CS/IT	1	2	3	4	5	6	



Swami Keshvanand Institute of Technology, Management & Gramothan Jaipur

Program Assessment & Quality Improvement Cell (PAQIC)

## Report of Faculty Development Program (Induction Program)

(1<sup>st</sup> September to 7<sup>th</sup> September, 2017)

### 1. Introduction

A Faculty Development Program (Induction Program) was scheduled from 1.09.2017 to 7.09.2017 for new faculty members / those faculty members who had not attended similar program earlier or other interested faculty members. Simultaneously, a program for 'Training for Development and Implementation of Course Outcomes' was also organized on 4<sup>th</sup> and 5<sup>th</sup> September, 2017. This report concerns the first program i.e. Induction Program.

Departments / Sections were requested to forward names of faculty members who would be attending the program.

List of faculty members who were recommended for attending the program with their attendance is given in Appendix I.

### 2. Faculty Development Program Outcomes

After attending the program, participating in planned activities and doing assignments, participants will

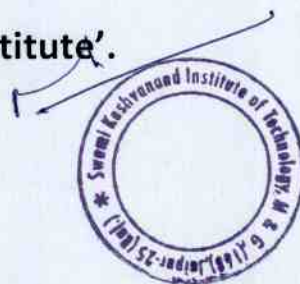
1. Appreciate and use rules, regulations and policies of the Institute and follow the rules and regulations.

1.1 Explain and follow rules and regulations of the Institute.

1.2 State relevant policies of the Institute.

2. Appreciate worth of 'Quality Policy of the Institute'.

2.1 Strive to maintain quality in all their endeavors.





**3. Apply various aspects related to 'Classroom Communication' during their communication in classrooms and laboratories.**

**3.1 State purposes of communication.**

**3.2 Explain Berlo's S-M-C-R model of communication.**

**3.3 Explain and use various 'Channels of Communication'.**

**3.4 Explain various 'Communication Barriers' and get over the barriers.**

**3.5 Explain and use various types of communication effectively: Verbal (spoken and written) and Non-verbal (body movement, gestures and mannerisms).**

**3.6 Use effective communication by properly using A.V. aids, active learning and stimulus variation.**

**4. Develop 'Course Files' for their courses.**

**4.1 Sequence content for the course being taught.**

**4.2 Explain necessity of contents of a 'Course File'.**

**4.3 Develop 'Course Planning Table' for the course.**

**4.4 Prepare 'Course File' of the course.**

**5. Perform effective teaching-learning in classrooms.**

**5.1 Use chalk board, white board, OHP transparencies, PPTs effectively.**

**5.2 Use Gagne's Events of Instruction and other important points related to teaching-learning in the classroom.**

**6. Use concepts: PEOs, POs, PSOs and COs.**

**6.1 Explain concepts: PEOs, POs, PSOs and COs and their relationship.**

**6.2 Explain how POs as specified by NBA can be achieved for a program.**

**6.3 Formulate PSOs for the program for which they are working.**





## **7. Formulate COs for the course(s) they are teaching.**

7.1 Identify COs or otherwise from a list of statements.

7.2 Differentiate between 'General' and 'Specific' outcomes.

7.3 Explain three domains of learning as Cognitive, Affective and Psychomotor.

7.4 Write COs in all the three domains of learning.

7.5 State meaning of 'taxonomy'.

7.6. Explain taxonomy in three domains of learning; Bloom's Taxonomy for Cognitive Domain as Knowledge, Comprehension, Application, Analysis, Synthesis and Evaluation ; Dave's Taxonomy in Psychomotor Domain as Imitation, Manipulation, Precision, Articulation and Naturalization; and Kraithwohl's taxonomy in Affective Domain as Receiving, Responding, Valuing, Organizing and Characterizing.

7.7 Write Cognitive Domain COs at all taxonomy levels for the course.

## **8. Understand and use CO-PO mapping and specification table.**

8.1 Develop CO-PO mapping of the course being taught.

8.2 Develop Specification Table for a Mid-term test.

## **3. Program Delivery**

Program was planned for Induction of new faculty members; thus it was attended mainly by new faculty members whose names were received from the departments.

In the program following delivery methods / aids/ strategies were used:

1. Use of white board and chalk board
2. Use of PPTs
3. Demonstration of use of Overhead projector



4. During beginning and end every day, revision of material learnt by participants previous day / that day by interaction with the participants
5. Question-answer technique during the presentation
6. Class oral assignments / demonstration
7. Presentations by participants, feedback by peers, feedback by program faculty and camera recording of presentations
8. Supply of Course Material by email to the participants daily

#### 4. Program Time Table

Program Time Table is given as Appendix II.

It can be seen that main focus was on classroom teaching and a brief awareness of terms related to Accreditation.

Due to shortage of time, important topics related to Laboratory and Sessional Work and Evaluation were not discussed.

#### 5. Program Feedback

Although no formal feedback was taken, informal feedback did show that participants were happy that whatever they had learnt and practiced in a free and fair atmosphere, would result in all round improvement in them, in addition to improvement in their class-room teaching.

Participants, in general, were happy about other arrangements like photography during their presentations, feedback on their presentations and same day receipt of whatever was discussed on a day by email.

Participants, in general were also happy about Mr. Chandan Kumar and Mr. Dinesh Sharma, Assistant Professors, Department of Mechanical Engineering for their assistance throughout the program.





## 6. General Remarks

It is my pleasure to put on record my sincere thanks to Dr. S.L. Surana, Director (Academics) for providing all support for organizing the program and discussing with the participants Rules, Regulations and Policies of the institute. I also thank Dr. S.K. Calla, Director (D&W) and Dr. S.K. Bhatnagar, HOD (EC) for being present at the beginning of the program and giving brief inputs to the participants.

I also sincerely thank all HODs / Deputy HODs for nominating faculty members for the program, and making necessary arrangements in the departments so that these faculty members could attend the program.

Thanks are also due to HOD, EC and Mr. Jagdish Choudhary for providing Class Room 201 and the facilities therein for conducting the program.

Mr. Chandan Kumar and Mr. Dinesh Sharma, Assistant Professors and Mr. Roop Singh, Technical Assistant of the Department of Mechanical Engineering were present most of the time to support me during the program; my sincere thanks to them and Mr. Dheeraj Joshi, Deputy HOD of Mech. Engg, for sparing their services. Thanks are also due to Mr. Manoj Kumar Sain and Mr. Dheeraj Joshi for assisting me in providing feedback to participants during their presentations.

Dr. N.K. Banthiya

Program Assessment and Quality Improvement Cell





## Appendix II

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Program Assessment & Quality Improvement Cell

Staff Development Program

Time: 1.40 to 3.20 P.M. Venue: Room No. 201, Vikram Sarabhai Academic Block

Dates: 27.09.17, 04.10.17, 11.10.17

### Time Table

Date	Day	Program
27.09.17	Wednesday	<ul style="list-style-type: none"><li>* Introduction to the Program (NKB)</li><li>* Quality Policy of the Institute (NKB)</li><li>* Discussion on Linkages of technicians with others (NKB)</li><li>* Input-cum-discussion on Classroom Communication (NKB)</li><li>* Input-cum-discussion on Channels of Communication (NKB)</li><li>* Input-cum-discussion on Domains of Learning (NKB)</li><li>* Revision of inputs during the session (NKB)</li></ul>
04.10.17	Wednesday	<ul style="list-style-type: none"><li>* Revision of inputs during the last session (NKB)</li><li>* Discussion on Roles, Responsibilities and Duties of Technicians (NKB)</li><li>* Laboratory Maintenance (VSM)</li><li>* Basic Tools in Laboratory Maintenance (VSM)</li><li>* Revision of inputs during the session (NKB)</li></ul>
11.10.17	Wednesday	<ul style="list-style-type: none"><li>* Revision of inputs during the last session (NKB)</li><li>* Importance of Laboratory Maintenance, Maintenance of Electronic Equipment (SKB)</li><li>* Maintenance of Computers (AK)</li><li>* Revision of inputs during the program (NKB)</li><li>* Certificate distribution (CK)</li></ul>

Resource Persons: NKB- Dr. N.K. Banthiya, SKB- Dr. S.K. Bhatnagar, VSM- Mr. Vinay Singh Marwal, AK- Mr. Ashwini Kumar, CK- Mr. Chandan Kumar



# Appendix- I: Attendance in the Staff Development Program

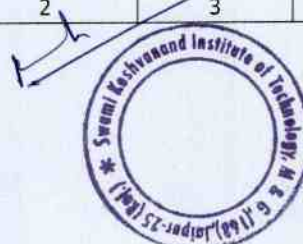
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Programme Assessment & Quality Improvement Cell

Staff Development Program (SDP)

## Attendance Sheet

S. No.	Name of Staff	Deptt.	27/9/2017	04/10/2017	11/10/2017	Remarks
1	MR. LOKESH SAINI	ME	1	2	3	Certificate Issued
2	MR. DINESH LAL GUPTA	ME	1	2	AB	Certificate Issued
3	MR. MOHAN BAGARIA	ME	AB	1	2	Certificate Issued
4	MR. SHIV KUMAR SAINI	ME	1	2	3	Certificate Issued
5	MR. SHIVRAJ PANCHAL	ME	1	2	3	Certificate Issued
6	MR. HEMANT KUMAR	ME	1	2	3	Certificate Issued
7	MR. SANVARO PANCHAL	ME	1	AB	2	Certificate Issued
8	MR. PUSHPENDRA CHOUHAN	CS/IT	1	2	AB	Certificate Issued
9	MR. ROOP SINGH	ME	AB	1	2	Certificate Issued
10	MR. KEDAR SHARMA	ME	1	2	3	Certificate Issued
11	MR. SUNIL KUMAR	ME	1	2	3	Certificate Issued
12	MR. LOKESH KUMAR DARHEE	ME	1	2	3	Certificate Issued
13	MR. RAVINDRA SINGH CHOUDHARY	ME	1	2	3	Certificate Issued
14	MR. SHANKAR LAL GURJAR	ME	1	2	3	Certificate Issued
15	MR. ARJUN RAM PRAJAPAT	ME	1	2	3	Certificate Issued
16	MR. BHOORI SINGH SAINI	PHY.	1	2	3	Certificate Issued
17	MR. MANOJ KUMAR GUPTA	PHY.	1	2	3	Certificate Issued
18	MR. ASHOK KUMAR	PHY.	1	2	3	Certificate Issued
19	MR. GOVERDHAN LAL CHAWLA	CHEM.	1	2	3	Certificate Issued
20	MR. HANSRAJ MEENA	CHEM.	1	2	3	Certificate Issued
21	MR. DINESH S. CHOUDHARY	CS/IT	1	2	3	Certificate Issued
22	MR. PAWAN KUMAR JANGIR	CS/IT	1	AB	2	Certificate Issued
23	MR. RAMESH KUMAR	CS/IT	1	2	3	Certificate Issued
24	MR. BALVENDRA MANGAVA	CS/IT	1	2	3	Certificate Issued
25	MR. SHYAM LAL BAIRWA	CS/IT	1	2	3	Certificate Issued
26	MR. PRASHANT ACHARYA	CS/IT	1	AB	2	Certificate Issued
27	MR. FATEH SINGH GURJAR	CS/IT	1	2	3	Certificate Issued
28	MR. LAKSHMAN SINGH DHAKED	CS/IT	1	2	AB	Certificate Issued
29	MR. ROHIT KHINCHI	CS/IT	1	2	3	Certificate Issued
30	MR. RAVIKANT HARSHWAL	CS/IT	1	2	3	Certificate Issued
31	MS. TANU GARG	CS/IT	1	2	3	Certificate Issued
32	MS. SHALINI GUPTA	CS/IT	1	2	3	Certificate Issued
33	MR. ASHISH KUMAR	CS/IT	1	2	3	Certificate Issued
34	MS. CHANDAN SINGH DHAKED	CS/IT	1	2	3	Certificate Issued





35	MR. SHIVRAJ REGAR	CS/IT	1	2	3	Certificate Issued
36	MR. VIMAL KANT DIMRI	CS/IT	1	2	3	Certificate Issued
37	MS. NEHA KASWAN	CS/IT	1	2	AB	Certificate Issued
38	MR. RAJESH KUMAR	CS/IT	1	2	3	Certificate Issued
39	MR. ANIL KUMAR VERMA	ECE	1	2	3	Certificate Issued
40	MR. RICHPAL SINGH OLA	ECE	1	2	3	Certificate Issued
41	MRS. SUSHMA POONIA	ECE	AB	1	2	Certificate Issued
42	MR. SUNIL KUMAR ACHARYA	ECE	1	2	3	Certificate Issued
43	MR. PREMA RAM	ECE	1	2	3	Certificate Issued
44	MS. SEEMA BHATI	ECE	1	2	3	Certificate Issued
45	MS. KUMARI RENU	ECE	AB	1	2	Certificate Issued
46	MR. DEENDAYAL SINGH	ECE	1	2	3	Certificate Issued
47	MR. DHURENDRA SINGH	ECE	AB	1	2	Certificate Issued
48	MS. MEENU PRADHAN	ECE	1	AB	2	Certificate Issued
49	MS. RUCHI MAHAWAR	ECE	AB	AB	1	
50	MR. MAHESH KUMAR RATHODIYA	EE	1	2	3	Certificate Issued
51	MR. SATYAVEER SINGH	EE	1	2	3	Certificate Issued





**Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur**

**Program Assessment & Quality Improvement Cell (PAQIC)**

**Report of Staff Development Program**

**(27<sup>th</sup> September, 4<sup>th</sup> October & 11<sup>th</sup> October, 2017)**

**I. Introduction**

A three-day Staff Development Program was scheduled on three Wednesdays, beginning 27.09.2017. The program was planned for laboratory & workshop staff (laboratory assistants, technicians, technical assistants & foremen). Also laboratory incharges were invited to attend the program. The main purpose of the program was to bring together all laboratory and workshop staff so that they are able to see their importance in the functioning of the departments and the institute as well as teaching-learning processes.

Although various departments / sections have been running staff development and training - retraining programs for their own staff, this was the first attempt to have a common program for staff from all the departments.

It is heartening that all the departments cooperated whole heartedly and sent almost all the staff from their departments to attend the program. A few faculty members were also sent.

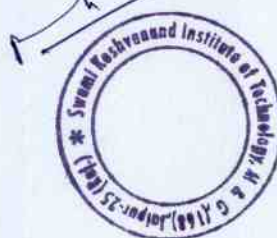
List of staff and faculty members who attended the program with their attendance is given in Appendix I.

**II. Target Group**

As stated above, target group was all laboratory & workshop staff. Though this group is homogeneous functionally because it is having similar roles and responsibilities; it is not homogeneous in their language and communication skills. Due to this, in program delivery this aspect was considered an important factor and taken into consideration during presentations and discussions. Another non-homogeneity is the position of participants in SKIT; there was mix of senior and junior staff and also their years of service in the institute. This non-homogeneity provided a good opportunity for learning for all from interaction with each other.

**III. Staff Development Program Outcomes**

The homogeneity and non-homogeneity of the target group as stated were taken into consideration while deciding the Program Outcomes and later during Program Delivery. Program Outcomes are stated below.



After attending the program and participating in planned activities, participants will

**1. Understand technician's linkages with others.**

1.1 Derive linkages with various persons and authorities (e.g. students, laboratory incharge, HOD/Deputy HOD, Purchase Officer, Parents/guardians of students etc.).

1.2 Classify linkages as very important and important.

**2. Understand 'Quality Policy of the Institute'.**

2.1 Given the 'Quality Policy of the Institute', explain it in their own words.

2.2 Explain their own importance in successfully implementing Quality Policy.

**3. Know communication, channels of communication and domains of learning and their importance for the functioning of technicians.**

3.1 State purposes of communication.

3.2 State various 'Channels of Communication' as eyes (seeing), ear (hearing), hand (touching), nose (smelling) and mouth (tasting).

3.3 State approximate amount of learning by various channels of communication.

3.4. State three domains of learning as three Hs or Cognitive (Head), Affective (Heart) and Psychomotor (Hand).

3.5 State how a technician plays an important role in learning by students in affective and psychomotor domains of learning.

**4. Appreciate various roles, responsibilities and duties of laboratory / workshop personnel.**

4.1 State various roles, responsibilities and duties.

4.2 Classify various roles as student-related, laboratory-related and others.

4.3 State how one can be more effective in performing a role.

**5. Appreciate various aspects of laboratory maintenance.**

5.1 State the meaning of 'maintenance'.

5.2 State various types of maintenance as breakdown, preventive, schedule and predictive.





5.3 State 5S Principle of Maintenance as Sorting, Systematic Maintenance, Cleaning, Standardization & Self-discipline.

5.4 Explain how 5S Principle is/can be applied in their laboratories.

**6. Know various tools used in laboratory maintenance.**

6.1 Identify various tools required in their laboratories.

6.2 Identify availability of a tool or facility in laboratories of their own department or other departments.

**7. Know maintenance of electronic equipment, including computers.**

7.1 State requirements of doing maintenance as skills and knowledge.

7.2 State the safety precautions to be used when undertaking maintenance of electronic equipment.

7.3 State the process of soldering and de-soldering.

**IV. Program Delivery**

In the program following delivery methods / aids/ strategies were used:

1. Use of English and Hindi during explanations, discussions and class exercises (Quality Policy was translated in Hindi and explained.)

2. Use of PPTs and white board

3. Exercises on linkages; roles, responsibilities and duties done with the assistance of participants

4. During beginning and end of a session, revision of material learnt by participants during previous session / that day done by interaction with the participants

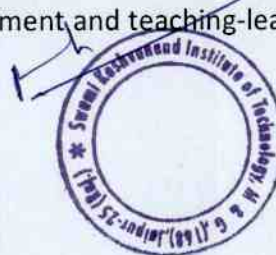
5. Question-answer technique during the presentation

6. Supply of handouts containing photocopies of PPTs used to participants

**V. Program Time Table**

Program Time Table is given as Appendix II.

Main focus was on making technicians realize that they are extremely important in the teaching-learning process and maintenance of quality in the department and teaching-learning.



Also another message was to see how technicians of various departments can cooperate with each other and share resources.

Due to shortage of time, important topics related to dealing with stores and first aid could not be included.

## **VI. Program Feedback**

Although no formal feedback was taken, informal feedback did show that participants were happy that such a program was conceived and organized for them, and importance was given to their contribution in the institute. They also felt that such programs be organized for them on a regular basis. Also a need for skill development in computer usage was felt by some participants. Departments may plan such programs for their technicians or / and all technicians who may be interested in specific skill development.

Another need expressed was providing short training to those staff who get involved during admissions so that uniform and correct information is conveyed to parents and guardians who visit the Institute during admission time. Some of the technicians felt that they remain with parents and guardians for a fairly long period, and they are asked questions of all types. A training program can be arranged in the beginning of admission session for this purpose. Also if a list of usual questions asked by parents and guardians is prepared and their answers written down and given to those involved with the admission process, it would be a good training investment.

Participants, in general were also happy about Mr. Chandan Kumar and Mr. Dinesh Sharma, Assistant Professors, Department of Mechanical Engineering for their assistance throughout the program.

## **VII. General Remarks**

It is my pleasure to put on record my sincere thanks to Dr. S.L. Surana, Director (Academics) for showing interest in organizing such a program and providing all support for organizing the program.

I also thank Dr. S.K. Bhatnagar, HOD (EC), Mr. Vinay Singh Marwal, Associate Professor, Department of Mech. Engg. and Mr. Ashwini Kumar, Department . of CS/IT, for assisting me as faculty in the program; their inputs and interactions with the participants have been very useful.

I also sincerely thank all HODs / Deputy HODs for nominating staff members and faculty members for attending the program.





Mr. Chandan Kumar and Mr. Dinesh Sharma, Assistant Professors, Department of Mechanical Engineering were present most of the time to support me during the program; my sincere thanks to them

**Dr. N.K. Banthiya**

**Head, Program Assessment and Quality Improvement Cell**



# **REPORT**

Five-day Faculty Development Programme

On

**“Outcome-Based Education: A Paradigm for Assessment & Accreditation**

organized by

Department of Computer Science and Engineering  
&  
Department of Information Technology

Under the aegis of IQAC & PAQIC, SKIT, Jaipur

24<sup>th</sup> August, 2021 to 28<sup>th</sup> August, 2021



**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur**



## APPROVAL LETTER



Dr. S.L. Surana <sls@skit.ac.in>

### IOAC/PAQIC: FDP

1 message

Prof. Anil Chaudhary <hodit@skit.ac.in>

Wed, Jul 28, 2021 at 4:09 PM

To: "S. Surana" <sls@skit.ac.in>

Cc: rachna.meel@rediffmail.com, meel.jaipal@gmail.com, ramesh pachar <rameshpachar@rediffmail.com>

Dear Sir, enclosed is an abstract for conducting in-house fdp on account of IQAC/PAQIC for your perusal and approval: Abstract: The purpose of this workshop is to enhance the knowledge of Assessment and Attainment Tools for Outcome Based Education (OBE) among the faculty and peer groups. The implementation of such methods in the Teaching and Learning Process will provide continuous quality evaluation so that they can act as an important stakeholder in outcome-based teaching, assessment and evaluation.

Duration: 5 Days

Tentative Dates: 24 - 28 August 2021

Tentative Expenditure: 30,000/- (experts honorarium), Hence requested for approval, regards, anil

20,000/-

Recommended, Obtain financial sanction from the  
Management

S. L. Surana  
29/7/21

## POSTER



**Swami Keshvanand Institute of Technology ,  
Management & Gramothan  
Jaipur, Rajasthan, India**

**Five-Day Faculty Development Programme**

*on*

***Outcome-Based Education: A Paradigm for Assessment & Accreditation***

***VIRTUAL MODE***

ORGANIZED BY:

***Department of Computer Science and Engineering (NBA Accredited) & Department of Information Technology (NBA Accredited)***

***Under the aegis of IQAC & PAQIC , SKIT , Jaipur***

**24 - 28 AUGUST, 2021**

**SPECIAL SESSIONS BY INDUSTRY EXPERTS FROM IBM AND INFOSYS**

**Registration Link : <https://forms.gle/sGBrSGao3Fx1Y6bM7>**

***E-CERTIFICATE ON SUCCESSFUL COMPLETION***



**No Registration Fee**



**Last Date of Registration  
21 August , 2021**



**Contact : [fdpcs@skit.ac.in](mailto:fdpcs@skit.ac.in)**



**skitjaip**



**skitjaipurofficial**



**skit\_jaipur**

***\* Faculty Members from AICTE/UGC Approved Organizations/Institutes PAN India can participate.***



# BROCHURE

## PATRONS

- Shri Raja Ram Meel, Patron, SKIT
- Shri Surja Ram Meel, Chairman, SKIT

## ADVISORS

- Shri Jaipal Meel, Director
- Prof. (Dr.) S. L. Surana, Director (Academics)
- Prof. (Dr.) Ramesh Kumar Pachar, Principal
- Ms. Rachana Meel, Registrar
- Prof. (Dr.) Anil Chaudhary, Coordinator IQAC & HOD-IT
- Prof. (Dr.) Mukesh Kumar Gupta, HOD-CSE
- Prof. (Dr.) Mukesh Kumar Arora, HOD-ECE
- Prof. (Dr.) Dheeraj Joshi, HOD-ME
- Prof. (Dr.) Dhanraj Chitara, HOD-EE
- Prof. (Dr.) D. K. Sharma, HOD, CE
- Prof. (Dr.) Amber Srivastava, Head-T&P Cell
- Prof. (Dr.) Rohit Mukherjee, Incharge-I Year
- Dr. Praveen Kumar Jain, Co-coordinator, IQAC
- Dr. Rishi Vyas, Co-coordinator IQAC

## CONVENERS

- |                     |                     |
|---------------------|---------------------|
| Dr. Pankaj Dadheech | Mr. Mehul Mahrishi  |
| Associate Professor | Associate Professor |
| Dy. HOD-CSE         | Dy. HOD-IT          |

## COORDINATORS

- |                     |                     |
|---------------------|---------------------|
| Ms. Deepa Modi      | Ms. Shamu Tripathi  |
| Assistant Professor | Assistant Professor |
| CSE                 | CSE                 |

## ORGANIZING COMMITTEE

- Dr. S. R. Dogiwal, Associate Professor-IT
- Dr. Neha Janu, Associate Professor-CSE
- Mr. M. K. Beniwal, Associate Professor-CSE
- Ms. Nidhi Srivastava, Associate Professor-CSE
- Ms. Rashmi Dadhich, Assistant Professor-CSE
- Ms. Nikhar Bhatnagar, Assistant Professor-IT
- Ms. Priyanka Sharma, Assistant Professor-CSE
- Mr. Naveen Jain, Assistant Professor-IT
- Mr. Pankaj Jadwal, Assistant Professor-CSE

## CONTACT US

[fdpcs@skit.ac.in](mailto:fdpcs@skit.ac.in)

## REGISTRATION FORM

Registration link to join this FDP:  
<https://forms.gle/sGBrSGao3Fx1Y6bM7>

### Note:

- The FDP will be conducted through **online platform**.
- Participants can be faculty members from AICTE/UGC approved organizations/institutes **PAN India**.
- There is **no registration fee**.
- Special sessions** by industry experts from IBM and, Infosys on CMMI Specifications.
- The **certificates** will be issued to those participants who will attend the program with minimum 80% attendance and score overall 60% marks in the assessments/assignments conduct during the online FDP.
- Last date of registration is **21<sup>st</sup> August 2021**.

## ABOUT THE PROGRAMME

The purpose of this faculty development programme is to enhance the knowledge of Outcome Based Education (OBE) among the faculty and peer groups. The FDP will attract the speakers and policy makers in OBE and quality specifications from both Industry and Academia. This FDP is meant for faculties of engineering, sciences, mathematics, and humanities courses in technical and diploma institutes.

## EXPERTS/SPEAKERS

- Col. B. Venkat, Director, Faculty Development Cell, AICTE, India
- Prof. G. Varaprasad, CSE, B.M.S. College of Engineering, Bengaluru, Karnataka
- Ms. Shubha Gupta, Digital & Mobile Client Services and Excellence (CSE) Leader (CIC India), IBM
- Prof. M.K. Banerjee, Visiting Professor, Department of Metallurgical & Material Engineering MNIT, Jaipur
- Dr. S. Das Mandal, Advanced Technology Development Centre, IIT Kharagpur
- Ms. Kamaljeet Kaur, Lead, Education, Training and Assessment, Infosys
- Prof. Vineet Sahula, Professor-HAG, MNIT, Jaipur

## A Five-Day Faculty Development Programme on

### “Outcome-Based Education: A Paradigm for Assessment & Accreditation”

(24<sup>th</sup>-28<sup>th</sup> August 2021)

### Organized by:

Department of Computer Science & Engineering  
(NBA Accredited)

&

Department of Information Technology  
(NBA Accredited)

*Under the aegis of IQAC & PAQIC, SKIT, Jaipur*



Swami Keshvanand Institute of  
Technology, Management & Gramothan  
Ramnagar, Jagatpura, Jaipur-302017

Email: [fdpcs@skit.ac.in](mailto:fdpcs@skit.ac.in)

Phone: +91-141-3500300

Website: [www.skit.ac.in](http://www.skit.ac.in)

## ABOUT JAIPUR



The world famous 'PINK CITY', the capital of the Rajasthan state founded in 1727 AD by Sawai Jai Singh II is one of the most popular tourist destinations. It has a rich culture heritage and many important historical places viz. Amber Fort, Jaigarh Fort, Nahargarh Fort, City Palace, Albert Hall Museum, Jantar-Mantar, Govind-Dev Ji Temple, and Birla Mandir. Jaipur is also famous for its handloom & handicraft, and proves a heaven for shopping and enjoyment. Jaipur is also a home of undergraduate and post-graduate education in Rajasthan with numerous eminent universities and institutes.

## ABOUT THE INSTITUTION



Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) is a selective comprehensive institution offering undergraduate and postgraduate programmes in Engineering and Management. The institute was established in the year 2000. During all the past years SKIT has emerged as a 'Premier Centre' of technical education not only in Rajasthan but also in northern India. The institute is ranked "No. 1 Engineering College in Rajasthan within Category-A" for the last four consecutive academic years (i.e., 2017-18, 2018-19, 2019-20 & 2020-21) by Rajasthan Technical University, Kota. The institute is also accredited & re-accredited by NBA (Five Engineering Branches since 2010).

## COMPUTER SCIENCE & ENGINEERING & INFORMATION TECHNOLOGY



The departments are NBA accredited and offers undergraduate programs in CSE & IT, postgraduate program in CSE and Ph.D. in CSE. The major areas of research are Big Data Analytics, Cloud Computing & Virtualization, Artificial Intelligence, Security, Compilers & Programming Languages, Computer Architecture, Bioinformatics and Theoretical Computer Science. Both departments have various research laboratories with the state-of-the-art computing facilities. The department is also recognized as a "Center of Excellence in IoT" by Rajasthan Technical University, Kota.

## PROGRAMME OBJECTIVES

- Create awareness among the faculties and their peer groups about the concepts of Outcome Based Education (OBE) and its growing importance in present educational scenario.
- Understand the implementation process of Outcome Based Education.
- Educate the participants with the various contemporary academic delivery methods.
- Develop measures that can be used to assess the quality of education provided through the OBE model with a special emphasis on technical education.
- Understand the implementation of OBE in NBA/NAAC.

## EXPECTED OUTCOMES

- The participants will understand the relevance of Outcome Based Education, its role in NBA/NAAC, usefulness of accreditation and various processes associated with accreditation.
- The participants will understand the teaching pedagogy and effective implementation of every aspect of pedagogy.
- The participants will learn to formulate vision, mission, PEOs, PSOs of the department and methods of attaining PEOs and PSOs.
- The participants will also learn to design course outcomes.
- The Participants of the FDP will become more familiar with assessment process using OBE.

## TENTATIVE TOPICS TO BE COVERED

- Process of developing vision & mission of the Institute/Department.
- Formulation of course outcomes with blooms taxonomy.
- Writing PEOs and PSOs for UG programs.
- Mapping of COs & POs, Importance, Rubrics/formats & examples for theory course, Laboratory course.
- Best practices to continuously improve the quality of programs.
- Teaching and Learning process
- Contemporary Pedagogical tools for effective course delivery.
- Process of curriculum development.
- Methodology and benefits pre-qualifiers for the accreditation process.
- File preparation and document management for Self-Assessment Report (SAR) and Self Study Report (SSR).

# SCHEDULE OF THE FDP



**Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur**  
Department of Computer Science and Engineering (NBA Accredited)  
&  
Department of Information Technology (NBA Accredited)  
Under the aegis of IQAC & PAQIC, SKIT, Jaipur  
Organizes



Five-Day Faculty Development Programme  
on  
**“Outcome-Based Education: A Paradigm for Assessment & Accreditation”**  
(24<sup>th</sup>-28<sup>th</sup> August 2021)  
**Tentative Schedule**

DATE	TIME	SESSION
<b>DAY 1</b>		
24.08.2021	09:40 AM-10:00 AM	Inaugural Ceremony
24.08.2021	10:00 AM-11:00 AM	Keynote address by <b>Col. B. Venkat</b> , Director FDC, AICTE, New-Delhi, India <b>WebEx link:</b> <a href="https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e47ca5d282bb4ca1dd04c8bd4794d919a">https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e47ca5d282bb4ca1dd04c8bd4794d919a</a> Password: 1234 (if required)
24.08.2021	11:30 AM-01:30 PM	<b>Ms. Shubha Gupta</b> Digital & Mobile Client Services and Excellence (CSE) Leader (CIC India), IBM, India <b>“QUALITY MANAGEMENT SYSTEMS IN IT INDUSTRY”</b> <b>WebEx link:</b> <a href="https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e47ca5d282bb4ca1dd04c8bd4794d919a">https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e47ca5d282bb4ca1dd04c8bd4794d919a</a> Password: 1234 (if required)
<b>DAY 2</b>		
25.08.2021	10:00 AM-12:00 Noon	<b>Dr. G. Varaprasad</b> Professor, Department of CSE, B.M.S. College of Engineering, Bangalore, India
25.08.2021	01:00 PM- 03:00 PM	<b>“ATTAINMENT PROCESS OF COURSE OUTCOMES &amp; PROGRAM OUTCOMES/PROGRAM SPECIFIC OUTCOMES”</b> <b>WebEx link:</b> <a href="https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e2eb916e8fe0d05012c3cbf3ee130e13f">https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e2eb916e8fe0d05012c3cbf3ee130e13f</a> Password: 1234 (if required)
<b>DAY 3</b>		
26.08.2021	10:00 AM-12:00 Noon	<b>Prof. Vineet Sahula</b> Professor-HAG Department of Electronics & Communication Engineering, MNIT, Jaipur <b>“FORMULATION OF VISION, MISSION AND COURSE OUTCOMES”</b> <b>WebEx link:</b> <a href="https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=eb63cad2766bbf699e94eb889b3e9df24">https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=eb63cad2766bbf699e94eb889b3e9df24</a> Password: 1234 (if required)
26.08.2021	01:00 PM- 03:00 PM	<b>Dr. Shyamal Kumar Das Mandal</b> Assistant Professor, Centre for Educational Technology, IIT Kharagpur <b>“OUTCOME BASED EDUCATION FOR ONLINE TEACHING”</b> <b>WebEx link:</b> <a href="https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ed1751ecd8ebb0aa87a1eea419bc69a41">https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ed1751ecd8ebb0aa87a1eea419bc69a41</a> Password: 1234 (if required)



DAY 4		
27.08.2021	10:00 AM-12:00 Noon	<b>Prof. M. K. Banerjee</b> Ex-Professor, MNIT, Jaipur <b>“TEACHERS' PERSPECTIVE ON OUTCOME BASED EDUCATION”</b> <b>WebEx link:</b> <a href="https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ef9bc5dfe9176e4ae1c858b220d787d72">https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ef9bc5dfe9176e4ae1c858b220d787d72</a> Password: 1234 (if required)
27.08.2021	01:00 PM- 03:00 PM	
DAY 5		
28.08.2021	10:00 AM- 12:00 NOON	<b>Ms. Sanjita Bohidar</b> Principal - Quality Programs, Infosys Technologies <b>“QUALITY AT INFOSYS”</b> <b>WebEx link:</b> <a href="https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ed1751ecd8ebb0aa87a1eea419bc69a41">https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ed1751ecd8ebb0aa87a1eea419bc69a41</a> Password: 1234 (if required)
28.08.2021	Just after the session	Valedictory Ceremony and Final Assessment <b>WebEx link:</b> <a href="https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ed1751ecd8ebb0aa87a1eea419bc69a41">https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=ed1751ecd8ebb0aa87a1eea419bc69a41</a> Password: 1234 (if required)

# INAUGURAL CEREMONY



## Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



Department of Computer Science and Engineering (NBA Accredited)

&

Department of Information Technology (NBA Accredited)

Under the aegis of IQAC & PAQIC, SKIT, Jaipur

Organizes

Five-Day Faculty Development Programme

on

**“Outcome-Based Education: A Paradigm for Assessment & Accreditation”**

### INAUGURAL CEREMONY

**(24<sup>th</sup> August 2021, 09:40 AM onwards)**

#### Minute-to-Minute Program

Event Description	Duration
Program Initiation	09:40 AM-09:43 AM
Welcome Address Shri Jaipal Meel Director, SKIT	09:43 AM - 09:50 AM
About FDP Prof. Anil Chaudhary HOD-IT & Head (PAQIC), Coordinator (IQAC), SKIT	09:50 AM – 10:00 AM
Chief Guest & Keynote Talk Col. B. Venkat Director, FDC, AICTE, India	10:00 AM – 10:30 AM
Vote of Thanks Prof. Mukesh Kumar Gupta HOD-CSE, SKIT	10:30 AM – 10:35 AM
Group Photo	10:35 AM

Link for Inaugural Ceremony:

<https://skitjaipur.webex.com/skitjaipur/onstage/g.php?MTID=e47ca5d282bb4ca1dd04c8bd4794d019a>

Password: 1234



Ms. Shubha Gupta, Digital & Mobile Client Services and Excellence (CSE) Leader (CIC India), IBM, India  
India Digital & Mobile Client Services and Excellence (CSE) Leader (CIC India), IBM, India



Mobile No. 7045686975  
Email ID: shubhagu@in.ibm.com

Ms. Shubha has total 22 years of work experience and she is associated with for 14 Years. She is currently working as Digital & Mobile CSE Leader for CIC India, Program Manager for Global Process, Methods n tools (Japan ,China and other CICs) and CMMI Process Consultant , Maybank IBM Malaysia. Prior to IBM she has worked with Aricent , HCL technologies as Process Consultant.

Dr. G. Varaprasad, Professor, Department of CSE, B.M.S. College of Engineering, Bangalore, India



Mobile No. 9449612596  
Email ID: varaprasad.cse@bmsce.ac.in

Dr. G. Varaprasad obtained B.Tech (CSE) from Sri Venkateswara University, Tirupati in 1999, M.Tech (CSE) from Visvesvaraya Technological University, Belgaum in 2001 and then Ph.D (CSE) from Anna University, Chennai in 2004. In 2004, he joined PET Lab, Department of Electrical Communication Engineering, Indian Institute of Science, Bangalore as a Postdoctoral fellow under guidance of Dr.P.Venkataram. His Ph.D work supported by University Grants Commission, New Delhi. He worked as Junior Research Fellow at GCE, Anna University under Dr.RSD.Wahida Banu. Since 2005, he has been with the B.M.S.College of Engineering, Bangalore in Department of Computer Science & Engineering. In his credit, he has 65 journal papers, 54 conference papers, holds 23 patents/copyrights (and 5 applied), has authored 4 textbooks and 13 awards. He executed 9 external funded R&D projects, 3 consultancy projects worth 1.3 Crores. Currently, he has been executing 1 consultancy project. He has been actively involved as an expert member in various committees such as AICTE, NBA, DRDO, ADA, UPSC, DST, TCS.

Prof. Vineet Sahula, Professor-HAG, Department of Electronics & Communication Engineering, MNIT, Jaipur



Mobile No. :0141-2713336  
Email ID: vsahula.ece @ mnit.ac.in

**Qualifications:**

Ph.D.(EE VLSI, IIT Delhi 2001) from IIT Delhi, 2001  
M.Tech.(Int. EC & Ckts, IEC IITD 1989) from IIT Delhi, 1989  
B.E.(Electronics, MNIT 1987) from MNIT Jaipur, 1987

**Research Interests**

Resilience, Trust & Security in Hardware, EDA for VLSI/Embedded-Systems, Cognitive Architectures.

**Brief Research Profile**

- Working with group of research-scholars/faculty members on various aspects of Trust & Security in Chips & Embedded Systems; Modeling of Cognition, cognitive algorithms/architectures;
- Member of faculty group who visited Canadian Universities- Saskatchewan, Toronto Calgary University, for academic & research collaboration, 14th -21st Sept. 2013
- Member of faculty group who visited North Dakota State University, Fargo for academic & research collaboration, 23rd -27th March 2009
- Visiting faculty, Microelectronics programme at Asian Institute of Technology Thailand, Autumn 2004

Dr. Shyamal Kumar Das Mandal, Assistant Professor, Centre for Educational Technology, IIT Kharagpur



Mobile No. 9432091556  
Email ID: sdasmandal@cet.iitkgp.ac.in

**Educational Qualification**

Ph. D. in Engineering, March 2007 Department: Electronics and Telecommunication Engineering, Jadavpur University

BE (Hon's) in Electronics and Telecommunication Engineering, Jadavpur University, 1998

**Awards & Honors**

- National award of Young IT Professional in 2003, Awarded by Computer Society of India (CSI)
- National award of "TI DSP Challenge" in 1997, Awarded by Texas Instruments (TI), India
- Fellow of Japan Society for the Promotion of Science(2010)

**Research Areas**

Outcome based Curriculum development with 21st century pedagogy

Speech based technology development for e-learning

Accent Conversion

Prof. M. K. Banerjee, Ex-Professor, MNIT, Jaipur



Mobile No. 9549654564  
Email ID: mkbanerjee@hotmail.com

Prof. M.K. Banerjee graduated from University of Calcutta and did his masters and PhD from the same university. He has more than 40 years of teaching experience in many reputed institutions. He served in industries for six years. Prof. Banerjee worked as professor and Head of Metallurgical and Materials Engineering till 2000. He was the Secretary of Science and Technology, Government of west Bengal from 2000-2004. Prof. Banerjee acted as Directors of National Institute of Secondary Steel Technology, National Institute Foundry and Forge Technology, Birla Institute of Technology Director. He had been the Ministry of Steel Chair Professor at MNIT Jaipur from 2012 till 2019. Nominated by AICTE he is acting a 'Margdarshak of various Institutes in India.

He has more than 170 research publications in reputed journals. He authored a number of book chapters and Reference modules tasked by Elsevier Inc. He is a regular reviewer of a number of reputed International Journals published by Elsevier, Springer ASM etc. He has collaboration with number foreign universities from Taiwan, China, Bangladesh, Australia, Portugal, Austria, USA and UK. He delivered a large number of invited talks in various international conferences held in various countries. Prof. Banerjee's research interest are energy material, computational materials engineering, advanced materials design.

Prof. Banerjee has supervised fourteen PhD students and seven PhD students are working with him. He acted as Chief Investigator of more than 25 sponsored research project and in all has handled more than 40 research projects in various areas of technology and materials development. He holds a couple of patents. He has been the Guest Editor of reputed ASM journal. His expertise in technical education is very well known.



Ms. Sanjita Bohidar, Principal - Quality Programs, Infosys Technologies



Mobile No. 9739987157

Email ID:sanjita\_b@infosys.com

She has 24 years of experience at Infosys. She has expertise in Delivery Management of all aspects of software projects in the Global Delivery Model for Clients in the US & Europe.

She has worked onsite in London, Paris and Boston for Clients in Banking & Financial Services, Retail, Hi-Tech & Manufacturing verticals.

She has effectively managed large change initiatives in the organization for adoption of Agile methodologies. She also successfully led an org initiative to create Agile Certification for multiple Delivery roles.

Her interest areas are Integration Testing, CMMI, and Agile Methodologies.

## **LIST OF PARTICIPANTS**

<b>Sr. No.</b>	<b>Name</b>	<b>Institute</b>	<b>Email</b>
1	Mrs.A Nivetha	Muthayammal engineering college (Autonomous), Rasipuram	nivethaa.sritece@gmail.com
2	Mr.ABHISHEK DWIVEDI	Bengal College of Engineering and Technology, Durgapur-713212	dwivediabhi@gmail.com
3	Mr.ADIL KAMAL	Mapping Minds Venture	kamaladil@gmail.com
4	Mr.AJIT KUMAR SETHI	Vikram Deb Autonomous college, jeypore	ajitkumar.cs55@gmail.com
5	Ms.AKANKSHA PRASAD	INDERPRASTHA ENGINEERING COLLEGE	akansha.prasad@ipecc.org.in
6	Dr.Akash Agarwal	Rajkiya Engineering College, Kannauj	dr.akashag1@gmail.com
7	Mr.Akhil	Vaish college of engineering	akhilbhardwaj1989@gmail.com
8	Mr.Akhilesh Deep Arya	Techno India NJR Institute of Technology	akhilesharya09@gmail.com
9	Akshada Kulkarni	MIT Arts Commerce and Science College	apkulkarni@mitacsc.ac.in
10	Ms.Akshita Choudhary	UCET, Bikaner Technical University	achoudhary85@gmail.com
11	Mrs.Alagusundari Narayanan	Avinashilingam Institute for Home Science and Higher Education	alagusundari_pt@avinuty.ac.in
12	Mrs.Alka Srivastava	Atharva college of engineering	alka.rkgit@gmail.com
13	Mr.AMAL THOMAS	Al-Azhar College Of Engineering And Technology	amalthomask888@gmail.com
14	Mr.AMIT KUMAR	INDIRA GANDHI INSTITUTE OF PHYSICAL EDUCATION & SPORTS SCIENCES	amittyagi649@gmail.com
15	Mr.Amit Kumar Kaushik	Vaish College of Engineering Rohtak	avijay00000@gmail.com
16	Mr.Amit Sharma	Arya College Of Engineering & IT	amitjaipur@gmail.com
17	Mrs.Anita Panwar	University College of Engineering & Technology, Bikaner	anitapanwar15@yahoo.co.in
18	Dr.Anjali Saxena	ABESIT	anjali.saxena@abesit.in
19	Mrs.Anju Rajput	Jaipur Engineering College and Research Centre	anjurajput.ece@jecrc.ac.in
20	Dr.Anuradha SG Suresh	RYMEC	anuradhasuresh13@rymec.in
21	Mr.Anurag Bhatnagar	Manipal University Jaipur	ab.ajmer@gmail.com
22	Mr.Arjun Gupta	Vaish College of Engineering	arjunsrgupta@gmail.com
23	Ms.Arпита Johri	ABES Engineering College	arpitajohri@gmail.com
24	Ms.Arпита Joshi	Soban Singh Jeena University	arpitajos@gmail.com
25	Mr.Ashutosh Kumar Rao	Institute of Technology and Management	ashutoshrao7@gmail.com
26	Mr.ASHWANI KUMAR KAUSHIK	GLOBAL RESEARCH INSTITUTE OF MANAGEMENT & TECHNOLOGY	kaushik1978@grimtradaur.ac.in



27	Mr.Asif Sayeed Khan	Govt. Mahila Engineering College, Ajmer	asif@gweca.ac.in
28	Mrs.B.Renukadevi	Sri Sai Ram Engineering College	renukadevi.it@sairam.edu.in
29	Mr.Bakshish Singh	RKGIT, Ghaziabad	singh.bakshish@gmail.com
30	Mr.Balram Swami	KDGD Mittal Girls College, Sardarshahar	mbswami8@gmail.com
31	Mr.BESCHI I S	St. Joseph's College (Arts & Science)	isbeschi@gmail.com
32	Ms.Bhumika Singh	SS Polytechnic College Udaipur	bhumika.bs81@gmail.com
33	Mr.BIAZ.S.LAL	AL-AZHAR COLLEGE OF ENGINEERING AND TECHNOLOGY	BIASLAL@GMAIL.COM
34	Mr.Borkar Bharat Sampatrao	Amrutvahini College of Engineering	bharat.borkar@avcoe.org
35	Mr.BRIJESH KUMAR MISHRA	HLM GROUP OF INSTITUTIONS, GHAZIABAD (U.P.)	bkmishra_engg@yahoo.com
36	Mrs.C. Pushpanjali	SRM Dental College	anjaliashok2429@gmail.com
37	Dr.C. Zozimus Divya Lobo	St. Mary's College(Autonomous), Thoothukudi	divyaraja812012@gmail.com
38	Ms.C.GOMATHI	Sri Parasakthi College for Women,Courtallam	gomathic@sriparasakthicollege.edu.in
39	Dr.Deepak Kumar	L.S.M. Govt. P.G. College, Pithoragarh, Uttarakhand	dk.botany2020@gmail.com
40	Mrs.Deepali Singhal	Raj Kumar Goel Institute of Technology and Management, Ghaziabad	deepalisinghal@rkgitw.edu.in
41	Mrs.Deepthi M B	Vivekananda College of Engineering and Technology	deepthipradeep2204@gmail.com
42	Dr.Deepti Thakral	Apeejay Styra University	deepti.thakral@asu.apeejay.edu
43	Dr.DEVENDRA KUMAR SINGHAL	ACEIT, Jaipur	devendraggc@gmail.com
44	Mr.Dharmendra Kumar	Anand International College of Engineering, Jaipur	dharmendra.kumar@anandice.ac.in
45	Mr.DHAYANITHI A	Sri Sairam Engineering College	dhayanidhi.tap@sairam.edu.in
46	Mr.DINESH KUMAR KHUNTETA	ENGINEERING COLLEGE AJMER	dkkhunteta@ecajmer.ac.in
47	Mr.DINESH SWAMI	Rajasthan Institute of Engineering and Technology ,Jaipur	dkswami2020@gmail.com
48	Dr.Gajendra Singh Rajawat	Poornima College of Engineering	gajendra881@gmail.com
49	Dr.Meenakshi Sharma	Mangalmai Institute of Management and Technology	directorpgdm2016@gmail.com
50	Dr.NEELESH JAIN	SIRT BHOPAL	neeleshcmc@gmail.com
51	Dr.Pragya Priyadarshini Harsha	AMERC (Analytiqa Management and Educational Research Consultancy)	pragyapharsha@gmail.com
52	Dr.Prashant Sharma	SS College of Engineering Udaipur	psharma1807@gmail.com
53	Dr.Chetana Prakash	Bapuji Institute of Engineering and Technology	chetana.p.m@gmail.com
54	Dr.Deepti Katiyar	KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad	deepti.katiyar@kiet.edu

55	Dr.Dushyantsinh B. Rathod	SANKALCHAND PATEL COLLEGE OF ENGINEERING	Dushyantsinh.Rathod@gmail.com
56	Dr.Manju Kaushik	Amity University Rajasthan, Jaipur	mkaushik@jpr.amity.edu
57	Dr.NISHA SINGH	ABES INSTITUTE OF TECHNOLOGY	nisha.singh@abesit.in
58	Dr.Omprakash Sikhwal	Poornima Institute of Engineering and Technology	opsikhwal@gmail.com
59	Dr.PAYAL BANSAL	Poornima College of Engineering, Jaipur Rajasthan	<a href="mailto:payaljjidalpayal@gmail.com">payaljjidalpayal@gmail.com</a>
60	Dr.Prithviraj Pandurang Patil	DMCAET MKVP Rajmachi karad Maharashtra	prithviraj.patil97@gmail.com
61	Dr.Priya Advani	Women Engineering College, Ajmer	priyaadvani@gweca.ac.in
62	Dr.Rohit Mittal	Arya College of Engineering and IT	rohit18mittal@yahoo.com
63	Dr.Tanusri Dey	Haldia Institute of Technology	tanusriphyshit@gmail.com
64	Dr.V. Nirmala	Sri Krishna Arts and Science college	nirmalastat5@gmail.com
65	Dr.ADARSH N GOKUL	JYOTHI ENGINEERING COLLEGE	dr.adarsh@jecc.ac.in
66	Dr.DHANAMANJURI LOUREMBAM	D.M.college of Arts (DHANAMANJURI UNIVERSITY)	manju.lourembam@gmail.com
67	Dr.Harwinder kaur	Rimt University	harwinderkaur808@gmail.com
68	Dr.Kanchan Dewal.	G H Raison School of Business Management	dewal.kanchan@gmail.com
69	Dr.Manisha Mathur	S.S Jain Subodh P.G(autonomous)College,Jaipur	sahaymanisha1@gmail.com
70	Dr.R.Sundarrajan	Kalasalingam Academy of Research and Education	r.sundarrajan@klu.ac.in
71	Dr.Shikha Sahay	New Rajasthan PG Girls College	shikhajjnsahay@gmail.com
72	Dr.V.SIVAKUMAR	Dayananda Sagar Academy of Technology and Management	Sivcse45@gmail.com
73	Dr.V.V.Gomathi	KG College Of Arts and Science	vv.gomathi@gmail.com
74	Mr.Dushyant Kaushik	Vaish college of engineering	dushyant04.kaushik@gmail.com
75	Dr.Elangbam Priyobrata Singh	DM College of Arts, Dhamanjuri University, Imphal	epriyobrata@gmail.com
76	Dr.G. Muneeswari	VIT AP University	muneeswari.g@vitap.ac.in
77	Dr.G.UMA MAHESWARI	Siva Sivani Institute of Management	dr.maheswariumag@gmail.com
78	Mrs.Gagandeep Kaur	University college of engineering and technology, Bikaner	gagandeep.1113@gmail.com
79	Mr.Gaurav Bajpai	PRANVEER SINGH INSTITUTE OF TECHNOLOGY KANPUR	er.gauravbajpai@gmail.com
80	Mr.GIRI PRAKASH R	RAO BAHADUR Y MAHABALESWAPPA ENGINEERING COLLEGE	grymec@gmail.com
81	Mr.Gyanendra Kumar	Raj Kumar Goel Institute of Technology and Management, Ghaziabad	maurya.gyanendra@gmail.com
82	Dr.Harendra Pal Singh Chauhan	Bhagwati institute of technology and science	harendramba@gmail.com



83	Mr.Harshat goyal	Ludhiana group of colleges , Chaukiman	goyalharshat11@gmail.com
84	Dr.HEMANT KAUSHIK	Arya Institute of Engineering & Technology, Jaipur	hemantkkaushik@gmail.com
85	Mr.Hrish kumar sharma	JECRC Jaipur	sharma.hk92@gmail.com
86	Dr.HUDSON ARUL VETHAMANIKAM G	Ayya Nadar Janaki Ammal College	hudsonsukisam@gmail.com
87	Mr.Inderjit Singh	GNA University	indersaini19@gmail.com
88	Mrs.Indu Bala	Sanatan dharma college	verma.indu90@gmail.com
89	Dr.JITENDER THADANI	S P C GOVERNMENT COLLEGE AJMER	jitenderthadani27@gmail.com
90	Dr.Joshila Grace L.K	Sathyabama Institute of Science and Technology	joshilagraceyebn@gmail.com
91	Ms.JUVERIA	COMM-IT CAREER ACADEMY (Affiliated to GGSIPU)	juveriakhan88@gmail.com
92	Ms.Jyoti	Vaish college of engineering , Rohtak, Haryana	legendjyoti@gmail.com
93	Mr.K.Swaminathan	Perunthalaivar kamarajar Institute of engineering and technology	snathank@yahoo.com
94	Mrs.Kamalini Dasgupta	Gokhale Memorial Girls College	kamalinidasgupta@gmail.com
95	Mrs.Kanchan Lata Gupta	IET, Lucknow	kanchanlatagupta@gmail.com
96	Mrs.Kanchan Suraj Artani	G H Raison School of Business Management	kanchan.artani@gmail.com
97	Mrs.KANIKA PASRIJA	JAGANNATH UNIVERSITY, Delhi NCR	kpasrija@gmail.com
98	Mr.Kaushal Gupta	ABES Institute of Technology, Ghaziabad	kaushal.gupta@abesit.in
99	Mrs.KAVIYARASI R	Nazareth College of Arts and Science	kavithasridhar.chennai@gmail.com
100	Ms.KAVYA DC	R R Institute of Management Studies	kavyadc22@gmail.com
101	Dr.Kiran Deep Singh	Chandigarh University, Punjab	kdkirandeep@gmail.com
102	Ms.KRISHNA KUMAR	Galgotias College of Engineering and Technology, Greater Noida	krishna.kumar1051@galgotiacollege.edu
103	Dr.Krishna Kumar	Gopalan College of Engineering and Management	kk.gcem@gmail.com
104	Dr.L.Sivagami	Sriram Engineering College	sivateju278@gmail.com
105	Mr.M. Vaithyanathan	Sri Sairam Engineering College	vaithy.tap@sairam.edu.in
106	Dr.M.GURU VIMAL KUMAR	Bannari Amman Institute of Technology	guruvimal22@gmail.com
107	Ms.M.Sriharini	Sengamala Thayar Educational Trust Women's College	sriharinidass@gmail.com
108	Mr.Madhav sharma	VIT Jaipur	madhavsharma36@yahoo.co.in
109	Dr.Mahendra Lalwani	UD, RTU Kota	mlalwani@rtu.ac.in
110	Mr.Mahendra Singh Panwar	CIITM	panwarpanwar80@gmail.com

111	Mrs.MalathiEswaran	Kongu Engineering college	malathieswaran@gmail.com
112	Dr.Mamta Garg	Govt Polytechnic College for Girls Jalandhar	mamta2050@yahoo.co.in
113	Dr.Maninder Singh Nehra	Govt. Engg. College Bikaner	maninder4unehra@yahoo.com
114	Mr.Manish Kumar Singh	ABES ENGINEERING COLLEGE	manish.singh@abes.ac.in
115	Mr.Mankeshva Saini	Government Engineering College Jhalawar	mankeshvasaini@gmail.com
116	Ms.Meenu Sharma	Freelancer	coachmeenu@gmail.com
117	Dr.Misha mittal	Mm engg college	mittalmisha14@gmail.com
118	Mr.Mohabbat Khan Mohsin	Nangarhar University	mohsinmohabbat@gmail.com
119	Mr.Mohammad Fahim Azizi	Computer Science Faculty, Nangarhar University.	mfahimazizi@gmail.com
120	Dr.Mohd Gulman Siddiqui	Banasthali University, Rajasthan	mohdgulman@gmail.com
121	Ms.Monika Gulati	Maharishi Markandeshwar (deemed to be) University	monika.gulati@mmumullana.org
122	Ms.Ms.Mamta Guglani	S.D.COLLEGE	meenuarora211@gmail.com
123	Dr.Mukesh Kumar	SHUATS	mukesh.kumar@shiats.edu.in
124	Mr.MUKUNDA B.G	Indian Academy Degree College- Autonomous	bgmukunda@gmail.com
125	Nanda Kumar R B	MIT Mysore	nandakumarrb_cse@mitmysore.in
126	Mr.NARESH KUMAR	GOVERNMENT SPMR COLLEGE OF COMMERCE JAMMU	nareshnsa@gmail.com
127	Mrs.Narmatha K	SRM Institute of Science and technology, ramapuram	narmath@srmist.edu.in
128	Mr.NASEER AHMAD CHARDHIWAL	Nangarhar University Computer science faculty	chardhiwal.naseer2018@gmail.com
129	Ms.Neeraj Choudhary	UCET, Bikaner	neerajchoudhary@cet-gov.ac.in
130	Ms.Nidhi Agarwal	Krishna institute of engineering and technology	nidhiagarwal82@gmail.com
131	Mrs.Nidhi Garg	RKGITM, Ghaziabad	nidhigarg@rkgitw.edu.in
132	Mr.Nikhil Jain	Govt. Women Engg. College Ajmer	nikhiljain@gweca.ac.in
133	Dr.Nilam Choudhary	JECRC	neelamvit@gmail.com
134	Mr.NIRMAL KUMAR AGARWAL	JSS Academy of Technical Education, Noida	nirmalkragarwal.eed@jssaten.ac.in
135	Mr.Nishit Jain	Techno India NJR Institute of Technology Udaipur	jainn30@gmail.com
136	Dr.P.ANANTHI	Kongu Engineering College, Perundurai	ananthiparth@gmail.com
137	Mrs.P.Sudarmani	Sri Vasavi College (SFW),Erode	sudarmani087@gmail.com
138	Mr.Pankaj Krishnath Jadhav	A P Shah Institute of Technology, Thane	pkjadhav@apsit.edu.in



139	Dr.Pankaj Kumar	Noida Institute of Engineering and Technology, Greater Noida	unpankaj@gmail.com
140	Mr.Partha Sarathi Padhy	Roland Institute of Technology Berhampur	partha.padhy@gmail.com
141	Dr.PARVEEN KAKKAR	DAVIET, JALANDHAR	drparveenkumar331@gmail.com
142	Mr.Parveen Rathi	Vaish college of engineering	Parveenrathivce@gmail.com
143	Mr.Piyush Pant	KIET Group of Institutions, Delhi-NCR, Ghaziabad	piyush.pant@kiet.edu
144	Mr.Piyush Sharma	Arya College of Engineering and Information Technology, Jaipur	piyush9.sharma@gmail.com
145	Mrs.Pooja Bhardwaj	Engineering College Bikaner	pooja.smec@gmail.com
146	Dr.Pooja Goel	Mangalmai Institute of Management and Technology, Greater Noida	poojagoel13@gmail.com
147	Mr.PRAMOD KUMAR PM	Vivekananda college of engineering and technology, Puttur	pramodkumar24a@gmail.com
148	Dr.Praveen Gupta	PIET	praveen2gupta@gmail.com
149	Dr.PREMCHAND NARWARE	Government Polytechnic College Hoshangabad MP	prem.narware@gmail.com
150	Mr.Pritish Raj Shukla	Bansal Institute of Engineering and Technology	pritish.r.shukla@gmail.com
151	Mrs.PRIYANKA .D. STEPHEN	SHUATS	priyanka.kumar@shiats.edu.in
152	PROF. DR. BRIJESH S	SRI BALAJI UNIVERSITY, PUNE	brij.jesh2002@gmail.com
153	Ms.R. Tamilarasi	SRM IST	tamil.ramamoorthy@gmail.com
154	Ms.Rachana Khandelwal	YIT COLLEGE Jaipur	rdheesharma88@gmail.com
155	Mr.Raghvender Singh Yadav	Mangalmai Institute of Management and Technology	raghvender.ats@gmail.com
156	Mr.Rajesh Kumar	JSS Academy of Technical Education Noida	rajeshkr.eed@jssaten.ac.in
157	Mr.RAJESH RAJAAN	GLOBAL INSTITUTE OF TECHNOLOGY,JAIPUR	rajesh.rajaan@gitjaipur.com
158	Mr.Rakesh Kumar	Jagannath University Jaipur	rakesh.kumar@jagannathuniversity.org
159	Mr.RAKESH KUMAR KARDAM	Jecrc	rakesh.ece@jecrc.ac.in
160	Mr.Ramveer Singh	RKGIT	ram70fcs@rkgit.edu.in
161	Mrs.Rashmi rani maheshwari	Rashmi Rani Maheshwari	rashmi.maheshwari@galgotiacollege.edu
162	Mr.Ravi Kumar Singh	IIMT College of Engineering	ravi368@gmail.com
163	Mr.Ravindra T. Patil	Kls's V.D.I.T,Haliyal	ravindrapatil@klsvidit.edu.in
164	Mr.Rishi Raj	Vaish College of Engineering, Rohtak	rishirajofficial@gmail.com
165	Dr.Ruchi Rayat	GNIOT INSTITUTE OF MANAGEMENT STUDIES	ruchi_rayat@gniot.net.in
166	Mrs.S. AARTHI	SRMIST-RAMAPURAM	aarthisl@srmist.edu.in

167	Dr.S. PARTHIBAN	Gobi Arts & Science College	drsparthi@gmail.com
168	Mr.Sameer Anand	IMS Engineering College, Ghaziabad	anandsameer1979@gmail.com
169	Mr.SANDEEP SINGH	Vaish College of Engineering, Rohtak 124001	sandeepsinhmar87@gmail.com
170	Mr.Sandesha Karanth PK	Vivekananda College of Engineering and Technology	writetokaranth@gmail.com
171	Ms.SANGITA RAGHUNATH WATEGAONKAR	VSM'S SOMASHEKHAR R KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPANI	sangitarw@gmail.com
172	Mr.SANTOSH KUMAR SHARMA	MAGADH UNIVERSITY BODH GAYA (BIHAR)	santoshmumath@gmail.com
173	Mr.SATYENDRA SINGH RAWAT	Swami Rama Himalayan University	ssrawat@srhu.edu.in
174	Dr.Savita Yadav	Lingayas Vidyapeeth	savi7star@gmail.com
175	Mr.SHABIR AHMAD RATHER	Government Degree College Anantnag	rathershabir24@gmail.com
176	Mr.Shailesh Kumar Gupta	Raj Kumar Goel Institute of Technology Ghaziabad	geniousshailesh@gmail.com
177	Mr.Shivachalesh S Guddodagi	KLS VEDIT, Haliyal	shivachalesh@klsvidit.edu.in
178	Dr.Showket Ahmad Dar	Govt. Degree College Tral	showketonpeace@gmail.com
179	Mr.Shubham Mahajan	Arya Institute of Engineering and technology	shub.mahajan@gmail.com
180	Dr.Shweta Kulshrestha	Mangalamay Institute of Management and Technology, Greater Noida	shweta.rkcet@gmail.com
181	Mrs.SHWETHA C H	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY	shwethachethan22@gmail.com
182	Mr.SIDDHARTHA SENGUPTA	Calcutta Business School	siddharthas@calcuttabusinessschool.org
183	Mr.SOHIT AGARWAL	Suresh Gyan Vihar University	Sohit.agarwal@mygyanvihar.com
184	Dr.Soniya Lalwani	BKIT Kota	slalwani.math@gmail.com
185	Dr.Sorokhaibam Tiken Singh	D.M. College of Arts, Dhanamanjuri University, Imphal	tikensorokhaibam@gmail.com
186	Mr.Sourabh Banga	Arya College Of Engineering & Research Centre Jaipur	Sourabh.banga07@gmail.com
187	Mr.SRISHYLA L	Saraswathi Law College, Chitradurga	srishyla25@gmail.com
188	Dr.Sudhir Tiwari	Shri G S Institute of Technology and Science, Indore	sudhir2609@gmail.com
189	Dr.Suman Gulia	Maharishi Markandeshwar (Deemed to be) University, Mullana, Ambala, Haryana	sumanpunia3011@gmail.com
190	Dr.Sumit Gupta	Amity University Uttar Pradesh, Noida	sgupta20@amity.edu
191	Dr.Sunita Singhal	KCCILHE, Gr Noida	sunitasinghal21@gmail.com
192	Dr.SURENDRA PRABHAT GUPTA	ABES INSTITUTE OF TECHNOLOGY, GHAZIABAD	surendra.gupta@abesit.in
193	Mr.Sushil Kumar Maurya	Mangalmay Institute of Management and Technology Greater Noida	sushil.maurya@mangalmay.org
194	Dr.Suvankar Chakraborty	Haldia Institute of Technology	suvophy11@gmail.com

195	Dr.Tanuj Manglani	Arya Institute of Engineering & Technology	idtanuj@gmail.com
196	Dr.TARUN JAIN	Vaish College of Engineering	drtjvce@gmail.com
197	Mrs.Tejaswini Prithviraj Patil	Shivaji University Kolhapur	patilteju93@gmail.com
198	Mr.Thiyagarajan Radhakrishnan	All India Radio,Chennai	rashmithiyagu@gmail.com
199	Dr.Twinkle keshari	Veer Kunwar Singh University, Ara, Bihar	twinkle.keshari@gmail.com
200	Dr.Umesh Gupta	Vaish College of Engineering,Rohtak	umeshgupta_2000@yahoo.com
201	Dr.V Kannan PhD	Government Arts College, Dharmapuri, Tamil Nadu, India.	vtamildhasan1@gmail.com
202	Mrs.V.K.G KALAISELVI	Sri sairam engineering college	Kalaiselvi.IT@sairam.edu.in
203	Dr.Vandana B.S	Vivekananda College of Engineering and Technology	vandanamonappa07@gmail.com
204	Mr.VIJAY KUMAR	ABES INSTITUTE OF TECHNOLOGY, GHAZIABAD	vijay.attri0411@gmail.com
205	Dr.Vinit Kumar Lohan	Vaish College of Engineering, Rohtak	lohanvinit@gmail.com
206	Mrs.Vinita Panwar	Inderprastha Engineering College Ghaziabad	vinni.biet@gmail.com
207	Mrs.VIVEK SAXENA	A.B.E.S. ENGINEERING COLLEGE, GHAZIABAD	vvksaxena@gmail.com
208	Dr.Rajkumar	Jaipur Engineering college and research center,Jaipur	<a href="mailto:rajkumar.phy@jecrc.ac.in">rajkumar.phy@jecrc.ac.in</a>
209	Dr.Mohd Umar Farooq	Muffakham Jah College Of Engineering And Technology	umarfarooq.mohd@gmail.com
210	Mr.Natwar singh	Ucet bikaner	nkadwasara@yahoo.com
211	Mr.Pranesh Kulkarni	KLS VEDIT, HALIYAL	pkulkarni@klsvidit.edu.in
212	Mrs.ROHINI SAXENA	SHUATS	rohini.saxena@shiats.edu.in
213	Dr.Shashi kant Singh	Galgotia college of engineering and technology	drshashikant.singh@galgotiacollege.edu
214	Dr.Avinash Sharma	Maharishi markandeshwar engineering college	asharma@mmumullana.org
215	Mr.Gourav Purohit	Aravali Institute of Technical Studies	adsw@aravalieducation.org
216	Mr.Dharmendra Hariyani	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	dhariyani12002@gmail.com
217	Mr.Garvit Gupta	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	garvitgupta5@gmail.com
218	Mrs.KAJAL MATHUR	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	kajal.mathur@skit.ac.in
219	Dr.Krishna Sharma	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	krishna.sharma@skit.ac.in
220	Ms.Neha Mathur	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	neha.mathur@skit.ac.in
221	Ms.Ruchika khandelwal	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	ruchika@skit.ac.in
222	Ms.Namrata Saxena	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	namrata.saxena@skit.ac.in



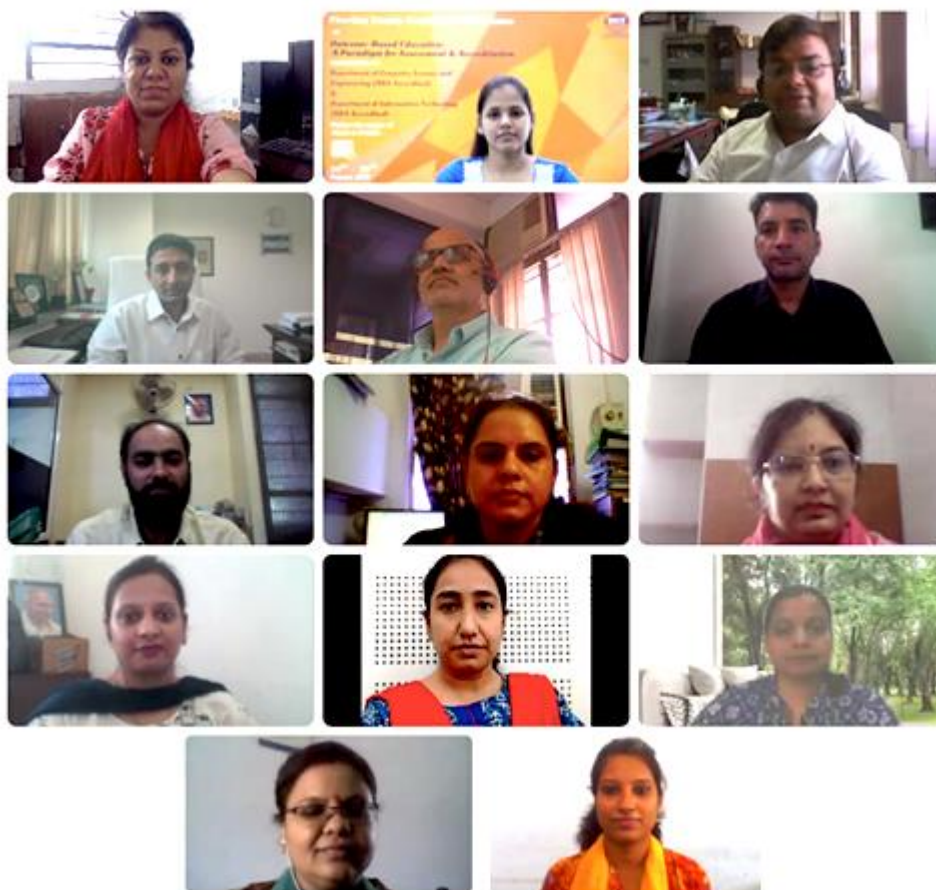
223	Mr.AMIT KUMAR BANSAL	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	amit.bansal@skit.ac.in
224	Mr.Deepak Saini	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	deepsm192@gmail.com
225	Ms.Garima Gupta	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	garima.gupta@skit.ac.in
226	Dr.Poonam Ojha	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	pnmojha@gmail.com
227	Ms.Rajni Idawal	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	rajni.idiwal@skit.ac.in
228	Mr.Chandra Mohan Kumar	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	chandra.mohan@skit.ac.in
229	Mr.Sudesh Garg	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	sudeshjitu101@gmail.com
230	Richa Khyalia	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	richa.khyalia11@gmail.com
231	Dr.Yogendra Gupta	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	yogendra.gupta@skit.ac.in
232	Dr.Swati Arora	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	swati@skit.ac.in
233	Mr.Neeraj Garg	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	neeraj.garg@skit.ac.in
234	Mr.MADHUKAR KUMAR	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	madhukar.raichand@skit.ac.in
235	Mr.Abhishek Gupta	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	a.abhi.engg@gmail.com
236	Mr.JITENDRA SINGH	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	jitendrasingh2389@gmail.com
237	Mr.Manish Kumar Navlakha	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	Manish.navlakha@skit.ac.in
238	Mrs.POOJA CHOUDHARY	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	pooja.choudhary@skit.ac.in
239	Mrs.Aakriti Sharma	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	aakriti@skit.ac.in
240	Dr.Meenakshi Nawal	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	meenakshi@skit.ac.in
241	Ms.Suman Sharma	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	suman.sharma.csit@skit.ac.in
242	Dr.Swati Joshi	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	swtojha@gmail.com
243	Ms.Dolly Mittal	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	dolly.mittal@skit.ac.in
244	Dr.Sumit Gupta	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	sumit.gupta@skit.ac.in
245	Ms.Sanju Choudhary	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	sanju@skit.ac.in
246	Mrs.Anjana Sangwan	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	anjana@skit.ac.in
247	Mr.Vinod kataria	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	vinod.kataria@skit.ac.in
248	Mr.Rajiv Kumar	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	rkjiit@gmail.com
249	Mr.Sarabjeet Singh	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	sarabjeet.singh@skit.ac.in
250	Ms.MANJU CHOUDHARY	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	manju.choudhary@skit.ac.in

251	Dr.Sangeeta Choudhary	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	sangeeta11rc@gmail.com
252	Mr.Sunil Dhankhar	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	sunil@skit.ac.in
253	Dr.Vijay Kumar Singhal	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	vijaysinghal01@gmail.com
254	Mr.Chandra Prakash Jain	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	chandra.jain@skit.ac.in
255	Mrs.RICHA RAWAL	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	richarawal@skit.ac.in
256	Dr.Shalini Shekhawat	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	shekhawatshalini17@gmail.com
257	Dr.Dheeraj Joshi	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	hodme@skit.ac.in
258	Dr.Rishi Vyas	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	rishivyas@skit.ac.in
259	Dr.Jyoti Arora	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	jyoti.arora@skit.ac.in
260	Mr.Ashish Pant	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	ashish.pant@skit.ac.in
261	Dr.Brajraj Sharma	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	raj.braj12@gmail.com
262	Dr.Komal Sharma	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	komal.sharma@skit.ac.in
263	Dr.Sunita	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	drsunitagupta2016@gmail.com
264	Mrs.SURBHI SHARMA	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	surbhi@skit.ac.in
265	Dr.Anupriya Singh	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	singhanupriyaa@yahoo.com
266	Dr.MANASVI DIXIT	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	manasvi.spsl@gmail.com
267	Dr.Archana Saxena	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	archanasaxena@skit.ac.in
268	Mr.Mayank Kumar Jain	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	mayank.jain@skit.ac.in
269	Ms.Shalini Singhal	Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur	shalini.singhal@skit.ac.in

## **INAUGURAL CEREMONY**

The Inaugural ceremony of the Five-day Faculty Development Programme on “Outcome-Based Education: A Paradigm for Assessment & Accreditation” organized by Department of Computer Science and Engineering & Department of Information Technology, under the aegis of IQAC & PAQIC, SKIT, Jaipur was started on 24th August, 2021 at 10:00 AM.

The event was initiated by Ms. Tanya Khandelwal, Anchor FDP. She invited Mr. Jaipal Meel, Director SKIT for the formal welcome of the Chief Guest Col. B. Venkat, Director Faculty Development Cell, AICTE, New Delhi and Ms. Shubha Gupta, Digital & Mobile Client Services and Excellence (CSE) Leader (CIC India), IBM, India. After that Prof Anil Chaudhary, HOD-IT has given the brief about the five-day event. Col B. Venkat in his talk emphasized on the NEP 2020 for young professionals and he also congratulated the institute for taking such initiatives. The vote of thanks was proposed by Prof. Mukesh Kumar Gupta, HOD-CSE.





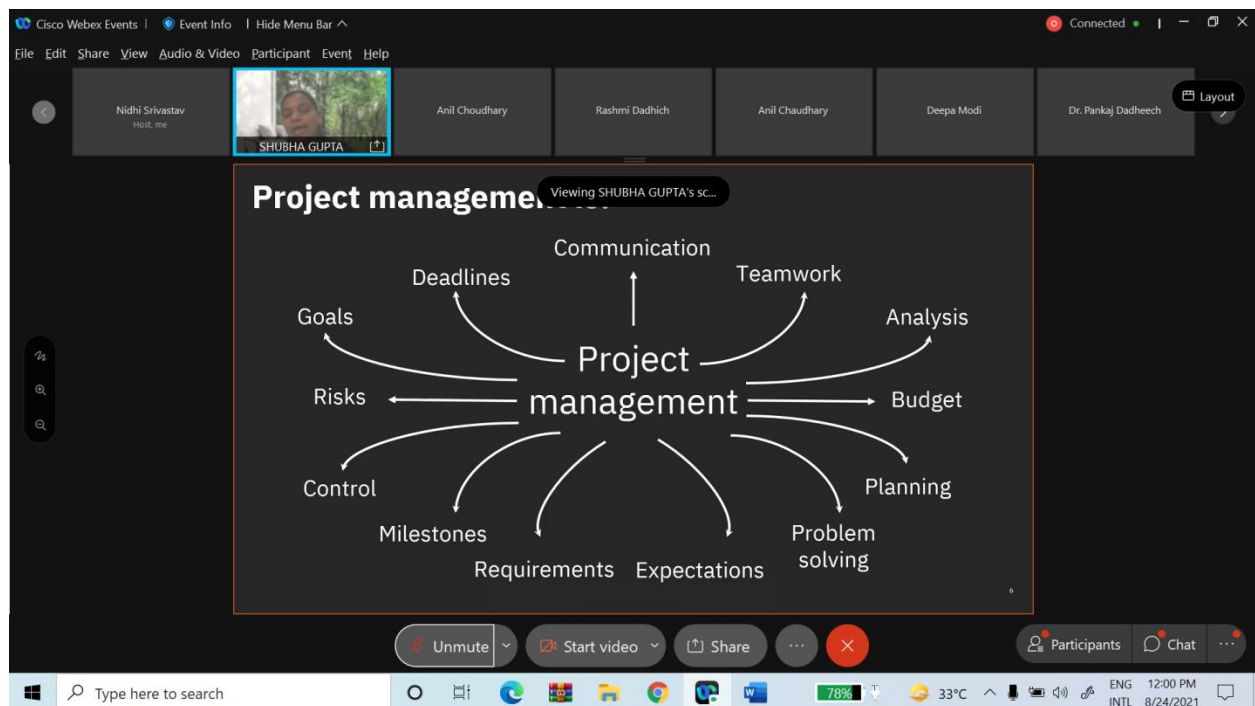
## SESSION DETAILS

### **Day 1:**

**Date: 24<sup>th</sup> August, 2021**

**Session 1: (11:30 AM -1:30 PM )**

1. First session was taken by, **Ms. Shubha Gupta**, Digital & Mobile Client Services and Excellence (CSE) Leader (CIC India), IBM, India
2. The session was about “**QUALITY MANAGEMENT SYSTEMS IN IT INDUSTRY**”.
3. She started with basic introduction of QMS.
4. She discussed about the Iron triangle of Quality management (Cost, Scope, Time)
5. She discussed about Mural, Project, Contract and CMMI V2.0.S
6. She explained the Seven keys to success and she also talked about your responsibility for the project success.



### **Day 2:**

**Date: 25<sup>th</sup> August, 2021**

**Session 1 & 2: (10:00 AM-12:00 Noon ) & (1:00 PM-3:00 PM)**

1. First and second sessions were taken by **Dr. G. Varaprasad**, Professor, Department of CSE, B.M.S. College of Engineering, Bangalore, India
2. The session was about “**ATTAINMENT PROCESS OF COURSE OUTCOMES &**
3. **PROGRAM OUTCOMES/PROGRAM SPECIFIC OUTCOMES**”
4. He discussed about Program Outcomes & Program Specific Outcomes.
5. In the series of discussion he talked about how PO/PSO are measured for B.E./B.Tech program.
6. He explained the Assessment tools for PO/PSO and also gave many examples of Direct & Indirect Assessment.
7. He also explained the various approaches to POs/PSOs attainment i.e. Batch wise and Year wise
8. At the end a very healthy question answer session took place. Many questions were asked by the participants related to the attainment process.

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Shanu Tripathi Me Nidhi Srivastav Host Deepa Modi Nikhar Bhatnagar Rashmi Dadhich S R Dogiwal

varaprasad golla

### Various Approaches to Measure PO/PSO

- ❖ PO/PSO attainment is done 2 methods—Batch & Year wise
- ❖ PO/PSO attainment is done —Batch wise
- ❖ Ex: Batch 2016-20    ❖ Ex: Batch 2015-19    ❖ Ex: Batch 2014-18
- ❖ 2016-17→1<sup>st</sup> year    ❖ 2015-16 →1<sup>st</sup> year    ❖ 2014-15→1<sup>st</sup> year
- ❖ 2017-18→2<sup>nd</sup> year    ❖ 2016-17 →2<sup>nd</sup> year    ❖ 2015-16→2<sup>nd</sup> year
- ❖ 2018-19→3<sup>rd</sup> year    ❖ 2017-18 →3<sup>rd</sup> year    ❖ 2016-17→3<sup>rd</sup> year
- ❖ 2019-20→4<sup>th</sup> year    ❖ 2018-19 →4<sup>th</sup> year    ❖ 2017-18→4<sup>th</sup> year
- CAYm1: 2019-20    CAYm2: 2018-19    CAYm3: 2017-18

	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
2016-20	2.97	2.94	2.82	2.82	2.89	3	2.93	2.75	2.69	2.58	2.93	2.87
2015-19	3	2.76	2.92	2.67	2.5	2.8	2.74	2.6	2.6	2.84	2.75	2.9
2014-18	3	2.86	2.85	2.7	2.8	2.78	2.85	2.65	2.65	2.85	2.75	2.93

Slide 42

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Participants Chat

13:31 25-08-2021

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Shanu Tripathi Me Nidhi Srivastav Host Deepa Modi Nikhar Bhatnagar

varaprasad golla

### List of Indirect Assessment Tools for PO/PSO

- ❖ Indirect Assessment Tool
- 1. Program exit survey (More samples)
- 2. Alumni survey
- 3. Placement & higher studies
- 4. Employer survey
- 5. Parent survey
- 6. Faculty feedback
- 7. NCC and NSS activities
- 8. Co-curricular activities,
- 9. Extra -curricular activities
- 10. Faculty feedback

Slide 13 of 42

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Participants Chat

13:41 25-08-2021

Participants (165)

Search

Panelist: 7

- ST Shanu Tripathi Me
- NS Nidhi Srivastav Host
- VG varaprasad golla
- DM Deepa Modi
- NB Nikhar Bhatnagar
- RD Rashmi Dadhich
- SD S R Dogiwal

Attendee: 158 (0 displayed)

View all attendees...

### Day 3:

Date: 26<sup>th</sup> August, 2021

Session 1: (10:00 AM-12:00 Noon )

1. First session was taken by **Prof. Vineet Sahula**, Professor-HAG, Department of Electronics & Communication Engineering, MNIT, Jaipur
2. The topic of his talk was **“FORMULATION OF VISION, MISSION AND COURSE OUTCOMES”**
3. In his session he discussed about Outcome based Education(Objective, Methodology and benefits)
4. He also explained how to develop Vision, Mission and Course Outcomes.
5. He discussed about Bloom Taxonomy, Mapping Matrices and Rubrics.

- He explained in detail about the knowledge levels.
- At the end a very healthy question answer session took place. Participants asked their queries related to the framing of vision, mission and course outcomes

**Cognition Knowledge Matrix**

Remember	Understand	Apply	Analyze	Evaluate	Create
Describe	Explain	Complete	Compare Contrast	Justify	Plan
Name	Compare	Use	Examine	Assess	Invent
Find	Discuss	Examine	Explain	Prioritize	Compose
List	Predict	Illustrate	Identify	Recommend	Design
Relate	Outline	Classify	Categorize	Rate	Construct

**Rubric for Written & Oral Work**

Students' written work is evaluated based on the following rubrics:

Criteria	Exemplary 100%	Proficient 90%	Limited 80%	Unsatisfactory 60%
Accuracy	No errors	Few errors	Some errors	Frequent errors
Comprehensibility	Always comprehensible	Almost always comprehensible	Gist and main ideas are comprehensible	Isolated bits are comprehensible
Content coverage	Fully developed, fully supported	Adequately developed, adequately supported	Partially developed, partially supported	Minimally developed, minimally supported
Vocabulary Range Variety	Broad Highly varied; non-repetitive	Adequate Varied; occasionally repetitive	Limited Lacks variety; repetitive	Very limited Basic, memorized; highly repetitive

### Day 3:

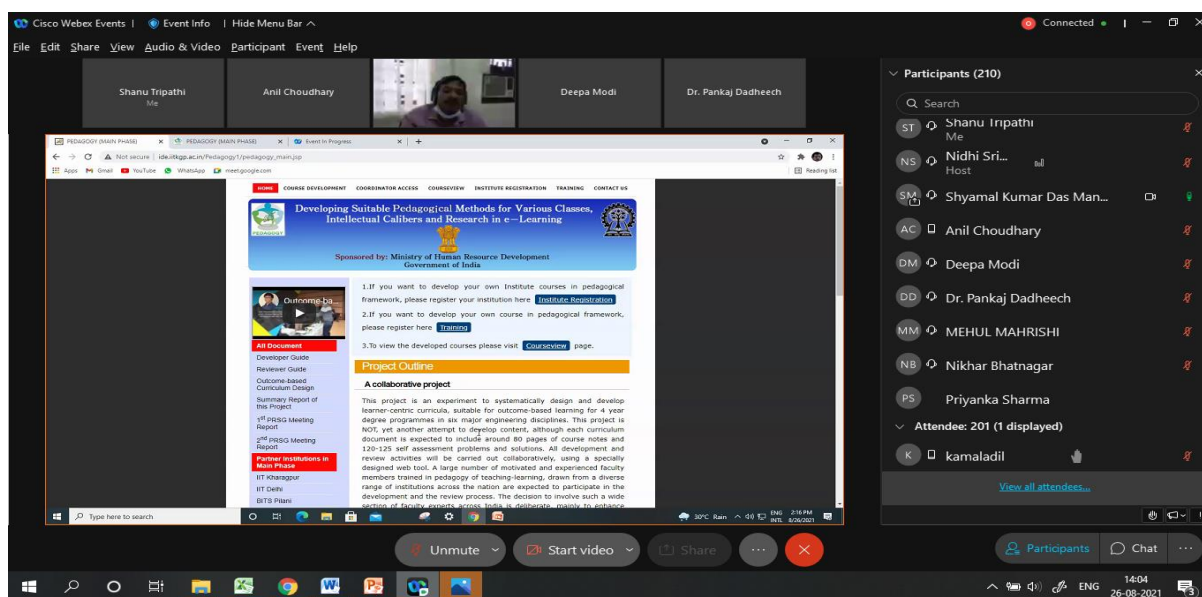
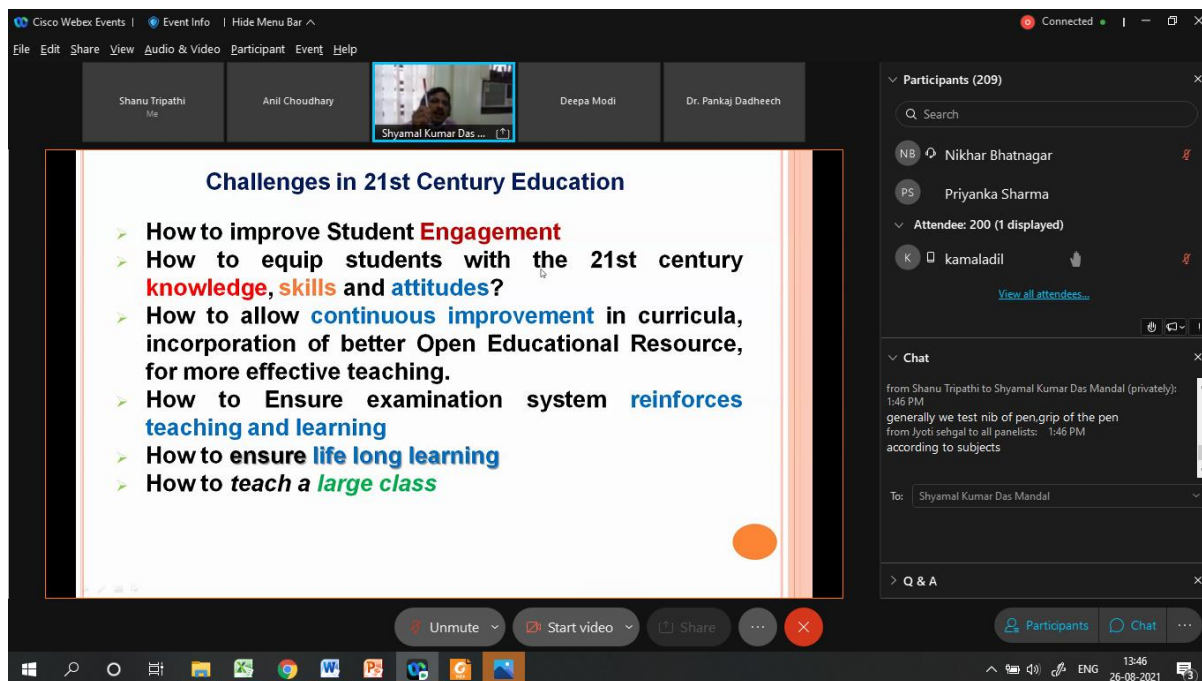
**Date: 26<sup>th</sup> August, 2021**

**Session 2: (1:00 PM-3:00 PM )**

- The second session of the day was taken by **Dr. Shyamal Kumar Das Mandal**, Assistant Professor, Centre for Educational Technology Indian Institute of Technology, Kharagpur
- The topic of his talk was **“OUTCOME BASED EDUCATION FOR ONLINE TEACHING”**
- He explained about the purpose of examination, challenges in 21<sup>st</sup> century.
- He also empathized on the need of Accreditation
- He mainly focused on Outcome-Based Education and the role of teacher



- At the end a very healthy question answer session was took place. Many questions were asked by the participants related to the design of course module.



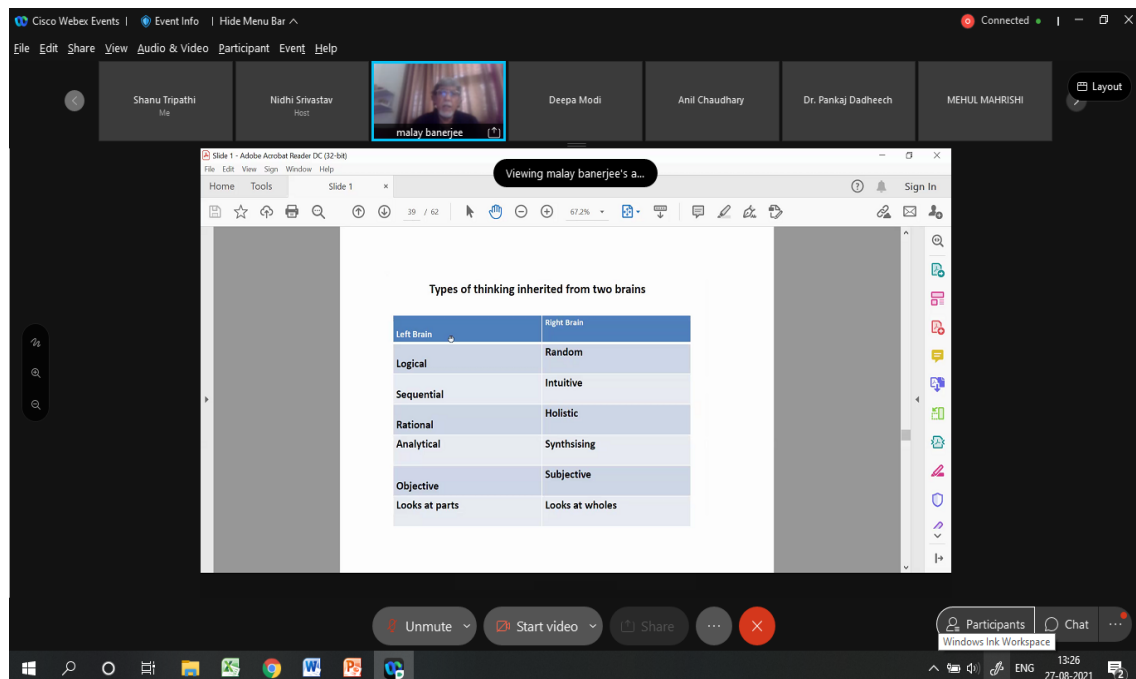
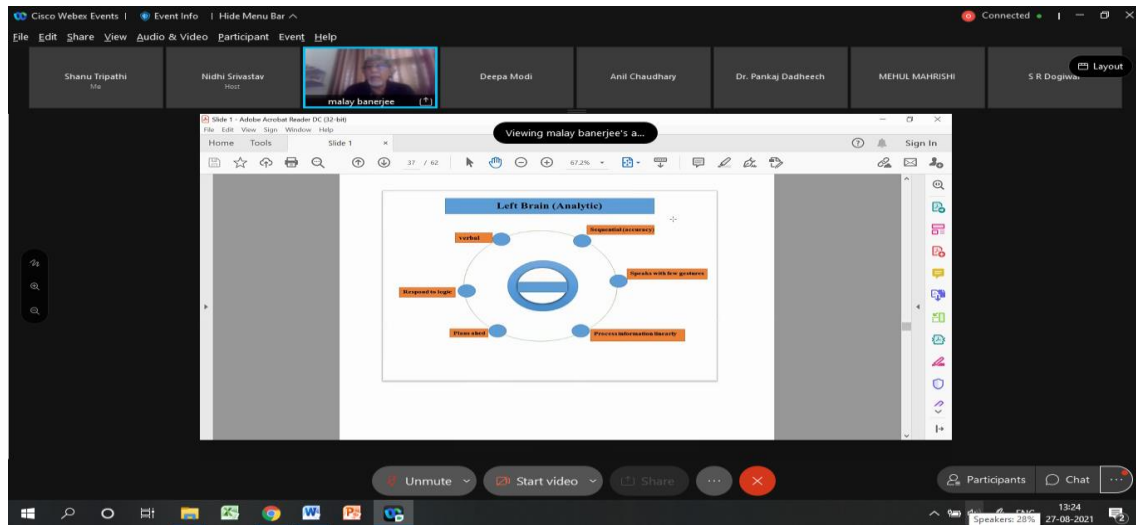
#### Day 4:

Date: 27<sup>th</sup> August, 2021

Session 1 & 2: (10:00 AM-12:00 Noon ) & (1:00 PM-3:00 PM)

- This session was taken by **Prof. M. K. Banerjee**, Ex-Professor, MNIT, Jaipur
- The topic of his talk was **“TEACHERS' PERSPECTIVE ON OUTCOME BASED EDUCATION”**.
- He discussed a model hierarchy for the outcome based education.
- He explained how to state vision and mission, PO and PSO.
- He covered the requirement of OBE and curriculum design

- He also discussed about importance of learning outcomes and relevance with blooms taxonomy.



## Day 5:

**Date: 28<sup>th</sup> August, 2021**

**Session 1: (10:00 AM-12:00 Noon)**

- First session was taken Ms. Sanjita Bohidar, Principal - Quality Programs, Infosys Technologies.
- The session was about **“Quality at Infosys”**.
- She covered quality culture at Infosys.
- She discussed the quality approaches like productized processes, best-in-class methodology, performance predictability and continuous capability development.
- She also explained the process repository.
- She discussed the process management, process release & agile framework.

7. She also talked about the various training programs offered by Infosys for students like classroom training, collaborative platform teams, certificate programs and workshops etc.
8. She emphasized that the feedback and continuous improvement is necessary for learning.

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Deepa Modi Me Nidhi Srivastav Sanjita Bohidar Rashmi Dadhich Host Anil Choudhary Layout

Quality at Infosys : Objective Viewing Sanjita Bohidar's a...

**Differentiate:**

- Driving Agile Transformation
- Helping Scale New Digital Services
- Anchoring programs for Client Value Add

**Optimize**

- Cost Optimization through Lean and Automation
- Process Simplification

**De-Risk**

- Ensuring Continued Delivery Excellence
- Measuring Client Pulse and enhancing Client Delight
- De-risk Org on Newer Areas

Achieved through transforming people and supporting eco system

Infosys  
Navigate your next

Participants (126)

Panelist: 11

- DM Deepa Modi Me
- RD Rashmi D... Host
- SB Sanjita Bohidar
- AC Anil Choudhary
- DD Dr. Pankaj Dadheech
- MM Mehul Mahrishi
- NS Nidhi Srivastav
- NB Nikhar Bhatnagar
- PS Priyanka Sharma
- SD S R Dogiwal
- ST Shanu Tripathi

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10:18 28-08-2021 ENG



## **VALEDICTORY CEREMONY**

Valedictory ceremony of the FDP was held on 28-08-2021 in online mode. The function started with the welcome address by Ms. Sneha Sharma, Anchor (FDP). Then Prof. Anil Chaudhary, HOD-IT & Coordinator IQAC has given the closing note of the FDP. After that Ms. Shanu Tripathi, Coordinator FDP presented the event report and Ms. Deepa Modi, Coordinator FDP proposed the vote of thanks. During valedictory, feedback from the participants was also taken and after that an online assessment was conducted.



## **COMPLETION REPORT**

Five-day faculty Development Programme (FDP) on “**Outcome-Based Education: A Paradigm for Assessment & Accreditation**” was successfully organized by Department of Computer Science and Engineering & Department of Information Technology, Under the aegis of IQAC & PAQIC at the Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 24<sup>th</sup> August, 2021 to 28<sup>th</sup> August, 2021. The programme had the primary objective to enhance the knowledge of Outcome Based Education (OBE) among the faculty and peer groups. The FDP will attract the speakers and policy makers in OBE and quality specifications from both Industry and Academia. This FDP is meant for faculties of engineering, sciences, mathematics, and humanities courses in technical and diploma institutes. Some other specific objectives which were targeted in this FDP are:

- ✓ Create awareness among the faculties and their peer groups about the concepts of Outcome Based Education (OBE) and its growing importance in present educational scenario.
- ✓ Understand the implementation process of Outcome Based Education.
- ✓ Educate the participants with the various contemporary academic delivery methods.
- ✓ Develop measures that can be used to assess the quality of education provided through the OBE model with a special emphasis on technical education.
- ✓ Understand the implementation of OBE in NBA/NAAC.

The Outcomes of this FDP are as follows:

- ✓ The participants understood the relevance of Outcome Based Education, its role in NBA/NAAC, usefulness of accreditation and various processes associated with accreditation.
- ✓ The participants understood the teaching pedagogy and effective implementation of every aspect of pedagogy.

- ✓ The participants learned to formulate vision, mission, PEOs, PSOs of the department and methods of attaining PEOs and PSOs.
- ✓ The participants learned to design course outcomes.
- ✓ The Participants of the FDP become more familiar with assessment process using OBE.

### **Programme Highlights**

- ✓ **Number of participants:** In all 269 participants attended the FDP Programme. There were participants from all parts of the country.
- ✓ **Resource Persons:** The various sessions of faculty development programme were taken by academicians and industry experts.

<b>Sr. No.</b>	<b>Expert/ Resource Person</b>	<b>Designation/ Profile</b>
1	Ms. Shubha Gupta	Digital & Mobile Client Services and Excellence (CSE) Leader (CIC India), IBM, India
2	Dr. G. Varaprasad	Professor, Department of CSE, B.M.S. College of Engineering, Bangalore, India
3	Prof. Vineet Sahula	Professor-HAG, Department of Electronics & Communication Engineering, MNIT, Jaipur
4	Dr. Shyamal Kumar Das Mandal	Assistant Professor, Centre for Educational Technology, IIT Kharagpur
5	Prof. M. K. Banerjee	Ex-Professor, MNIT, Jaipur
6	Ms. Sanjita Bohidar	Principal - Quality Programs, Infosys Technologies



## **SAMPLE FEEDBACK FORM**

### Five-Day Faculty Development Programme on "Outcome-Based Education: A Paradigm for Assessment & Accreditation" during 24th–28th August 2021:Day 1 Feedback

Thank you for attending today's session of FDP organised by the Department of Computer Science & Engineering and Information Technology, SKIT, Jaipur, Rajasthan.

E-mail \*

piyush.pant@kiet.edu

Name \*

Piyush Pant

Designation \*

Assistant Professor

Organization \*

KIET GROUP OF INSTITUTIONS Delhi-NCR Ghaziabad

State \*

Uttar Pradesh

Contact Number \*

7503238908

Quality of the session and expertise of the Resource Person: Ms. Shubha Gupta \*

1 2 3

FAIR ☐ ☐ ☒ EXCELLENT

How helpful was the session provided? \*

1 2 3 4 5

Slightly Helpful ☐ ☐ ☐ ☐ ☒ Extremely Helpful

The relevance of the topic \*

1 2 3

FAIR ☐ ☐ ☒ EXCELLENT

Your overall experience \*

1 2 3

FAIR ☐ ☐ ☒ EXCELLENT

Any additional comments or suggestions?

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Google Forms

## Five-Day Faculty Development Programme on "Outcome-Based Education: A Paradigm for Assessment & Accreditation" during 24th–28th August 2021: Day 2 Feedback(Session I & II)

Thank you for attending today's session of FDP organised by the Department of Computer Science & Engineering and Information Technology, SKIT, Jaipur, Rajasthan.

E-mail \*

kaushal.gupta@abesit.in

Name \*

Kaushal Gupta

Organization \*

ABES Institute of Technology, Ghaziabad

Contact Number \*

8826080934

Quality of the session and expertise of the Resource Person: Dr. G. Varaprasad \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT



How helpful was the session provided? \*

	1	2	3	4	5	
Slightly Helpful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Extremely Helpful

The relevance of the topic \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

Your overall experience \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

Any additional comments or suggestions?

NA

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## Five-Day Faculty Development Programme on "Outcome-Based Education: A Paradigm for Assessment & Accreditation" during 24th–28th August 2021: Feedback Day 3(Session I)

Thank you for attending today's session of FDP organised by the Department of Computer Science & Engineering and Information Technology, SKIT, Jaipur, Rajasthan.

E-mail \*

rajesh.rajaan@gitjaipur.com

Name \*

RAJESH RAJAAN

Organization \*

GLOBAL INSTITUTE OF TECHNOLOGY,JAIPUR

Contact Number \*

9887507364

Quality of the session and expertise of the Resource Person: Prof. Vineet Sahula \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

How helpful was the session provided? \*

	1	2	3	4	5	
Slightly Helpful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Extremely Helpful

The relevance of the topic \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

Your overall experience \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

Any additional comments or suggestions?

None

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## Five-Day Faculty Development Programme on "Outcome-Based Education: A Paradigm for Assessment & Accreditation" during 24th–28th August 2021: Feedback Day 3(Session II)

Thank you for attending today's session of FDP organised by the Department of Computer Science & Engineering and Information Technology, SKIT, Jaipur, Rajasthan.

E-mail \*

nandakumarrb\_cse@mitmysore.in

Name \*

Nanda Kumar R B

Organization \*

MIT Mysore

Contact Number \*

9620220179

Quality of the session and expertise of the Resource Person: Prof. Dr. Shyamal Kumar Das Mandal \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT



How helpful was the session provided? \*

	1	2	3	4	5	
Slightly Helpful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Extremely Helpful

The relevance of the topic \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

Your overall experience \*

	1	2	3	
FAIR	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	EXCELLENT

Any additional comments or suggestions?

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This form was created inside of Swami Keshvanand Institute of Technology.

Google Forms

## Five-Day Faculty Development Programme on "Outcome-Based Education: A Paradigm for Assessment & Accreditation" during 24th–28th August 2021: Day 4 Feedback(Session I & II)

Thank you for attending today's session of FDP organised by the Department of Computer Science & Engineering and Information Technology, SKIT, Jaipur, Rajasthan.

E-mail \*

vtamildhasan1@gmail.com

Name \*

Dr V KANNAN PhD

Organization \*

Government Arts College, Dharmapuri, Tamil Nadu, India

Contact Number \*

8072975844

Quality of the session and expertise of the Resource Person: Prof. M.K.Banerjee \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

How helpful was the session provided? \*

	1	2	3	4	5	
Slightly Helpful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Extremely Helpful

The relevance of the topic \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

Your overall experience \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

Any additional comments or suggestions?

Excellent session keep it up

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## Five-Day Faculty Development Programme on "Outcome-Based Education: A Paradigm for Assessment & Accreditation" during 24th–28th August 2021: Day 5 Feedback

Thank you for attending today's session of FDP organised by the Department of Computer Science & Engineering and Information Technology, SKIT, Jaipur, Rajasthan.

E-mail \*

ashutoshrao7@gmail.com

Name \*

Ashutosh Kumar Rao

Organization \*

Institute of Technology and Management Gida Gorakhpur

Contact Number \*

07906686559

Quality of the session and expertise of the Resource Person: Ms. Sanjita Bohidar \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT



How helpful was the session provided? \*

	1	2	3	4	5	
Slightly Helpful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Extremely Helpful

The relevance of the topic \*

	1	2	3	
FAIR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	EXCELLENT

Your overall experience \*

	1	2	3	
FAIR	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	EXCELLENT


Any additional comments or suggestions?

no

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Google Forms

# SAMPLE CERTIFICATES



**Five-Day Faculty Development Programme**  
on  
**Outcome-Based Education:  
A Paradigm for Assessment & Accreditation**

ORGANIZED BY:

*Department of Computer Science and Engineering (NBA Accredited) & Department of Information Technology (NBA Accredited)*  
*Under the aegis of IQAC & PAQIC*  
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, Rajasthan

**CERTIFICATE OF PARTICIPATION**


This is to certify that **Mr. Shailesh Kumar Gupta**  
of  
**Raj Kumar Goel Institute of Technology Ghaziabad**  
has participated in the Five-Day Faculty Development Programme on "**Outcome-Based Education: A Paradigm for Assessment & Accreditation**" held from **24/08/2021** to **28/08/2021** at **Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.**

  
Dr. Mukesh K. Gupta  
HOD-CSE, Member IQAC,  
SKIT

  
Dr. Anil Chaudhary  
HOD-IT, Coordinator IQAC,  
SKIT

  
Dr. Ramesh K. Pachar  
Principal, Chairman IQAC,  
SKIT





**Five-Day Faculty Development Programme**  
on  
**Outcome-Based Education:  
A Paradigm for Assessment & Accreditation**


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*Under the aegis of IQAC & PAQIC*  
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, Rajasthan


**CERTIFICATE OF PARTICIPATION**

This is to certify that **Mrs. A Nivetha**  
of  
**Muthayammal engineering college (Autonomous), Rasipuram**  
has participated in the Five-Day Faculty Development Programme on "**Outcome-Based Education: A Paradigm for Assessment & Accreditation**" held from **24/08/2021** to **28/08/2021** at **Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.**

  
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on  
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*Under the aegis of IQAC & PAQIC*

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, Rajasthan

**CERTIFICATE OF PARTICIPATION**

This is to certify that **Mrs. B.Renukadevi**  
of

**Sri Sai Ram Engineering College**

has participated in the Five-Day Faculty Development Programme on "**Outcome-Based Education: A Paradigm for Assessment & Accreditation**" held from **24/08/2021** to **28/08/2021** at **Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.**

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**Five-Day Faculty Development Programme**  
on  
**Outcome-Based Education:  
A Paradigm for Assessment & Accreditation**



ORGANIZED BY:

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*Under the aegis of IQAC & PAQIC*

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, Rajasthan

**CERTIFICATE OF PARTICIPATION**

This is to certify that **Dr. G.UMA MAHESWARI**  
of

**Siva Sivani Institute of Management**

has participated in the Five-Day Faculty Development Programme on "**Outcome-Based Education: A Paradigm for Assessment & Accreditation**" held from **24/08/2021** to **28/08/2021** at **Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.**

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SKIT

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HOD-IT, Coordinator IQAC,  
SKIT

Dr. Ramesh K. Pachar  
Principal, Chairman IQAC,  
SKIT



## **TOKEN OF GRATITUDE**

**Swami Keshvanand Institute of Technology, Management & Gramothan  
Jaipur, Rajasthan**

*Token of Gratitude*



***Col. B. Venkat***

**Many thanks for your presence as a Chief Guest & Keynote Speaker  
in  
Five-Day Faculty Development Programme on  
Outcome-Based Education: A Paradigm for Assessment & Accreditation**

**24<sup>th</sup> - 28<sup>th</sup> AUGUST, 2021**

**Swami Keshvanand Institute of Technology, Management & Gramothan  
Jaipur, Rajasthan**

*Token of Gratitude*



***Ms. Shubha Gupta***

**Many thanks for your presence as a guest & expert talk on  
"Quality Management System in IT Industry"  
in  
Five-Day Faculty Development Programme on  
Outcome-Based Education: A Paradigm for Assessment & Accreditation**

**24<sup>th</sup> - 28<sup>th</sup> AUGUST, 2021**



**Swami Keshvanand Institute of Technology, Management & Gramothan  
Jaipur, Rajasthan**

*Token of Gratitude*



***Dr. G. Varaprasad***

Many thanks for your presence as a guest & expert talk on  
"Attainment Process of Course Outcome & Program Outcomes/Program Specific Outcomes "

in

*Five-Day Faculty Development Programme on  
Outcome-Based Education: A Paradigm for Assessment & Accreditation*

**24<sup>th</sup> - 28<sup>th</sup> AUGUST, 2021**

**Swami Keshvanand Institute of Technology, Management & Gramothan  
Jaipur, Rajasthan**

*Token of Gratitude*



***Dr. Vineet Sahula***

Many thanks for your presence as a guest & expert talk on  
"Formulation of Vision, Mission & Course Outcomes "

in

*Five-Day Faculty Development Programme on  
Outcome-Based Education: A Paradigm for Assessment & Accreditation*

**24<sup>th</sup> - 28<sup>th</sup> AUGUST, 2021**

**Swami Keshvanand Institute of Technology, Management & Gramothan  
Jaipur, Rajasthan**

*Token of Gratitude*



***Dr. Shyamal Kumar Das Mandal***

Many thanks for your presence as a guest & expert talk on  
"Outcome Based Education for Online Teaching "

in

*Five-Day Faculty Development Programme on  
Outcome-Based Education: A Paradigm for Assessment & Accreditation*

**24<sup>th</sup> - 28<sup>th</sup> AUGUST, 2021**

**Swami Keshvanand Institute of Technology, Management & Gramothan  
Jaipur, Rajasthan**

*Token of Gratitude*



***Prof. M.K. Banerjee***

Many thanks for your presence as a guest & expert talk on  
"Teacher's Perspective on Outcome Based Education "

in

*Five-Day Faculty Development Programme on  
Outcome-Based Education: A Paradigm for Assessment & Accreditation*

**24<sup>th</sup> - 28<sup>th</sup> AUGUST, 2021**

**Swami Keshvanand Institute of Technology, Management & Gramothan  
Jaipur, Rajasthan**

*Token of Gratitude*



***Ms. Sanjita Bohidar***

**Many thanks for your presence as a guest & expert talk on  
"Quality at Infosys"**

**in**

***Five-Day Faculty Development Programme on  
Outcome-Based Education: A Paradigm for Assessment & Accreditation***

**24<sup>th</sup> - 28<sup>th</sup> AUGUST, 2021**



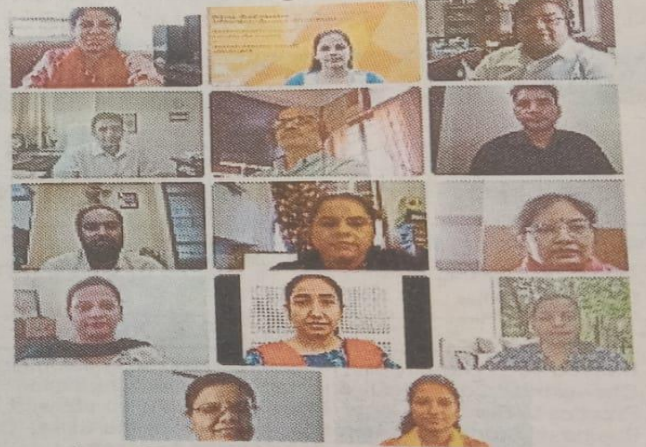
## NEWS IN MEDIA

# आउटकम बेस्ड एजुकेशन पर चर्चा

डेली न्यूज, mix रिपोर्टर, जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में मंगलवार को कंप्यूटर साइंस एंड इनफॉर्मेशन टेक्नोलॉजी डिपार्टमेंट की ओर से 'आउटकम बेस्ड एजुकेशन: ए पेराडीगम फॉर असेसमेंट एंड एक्रिडिशन' विषय पर 5 दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम के तहत विभिन्न सेशन आयोजित किए गए।

प्रोग्राम में एफडीसी एआईसीटीई डायरेक्टर कर्नल बी. वेंकट ने एफडीपी के बारे में जानकारी देते हुए आउटकम बेस्ड एजुकेशन का महत्व समझाया। डिजिटल एंड मोबाइल क्लाइट सर्विसेज आईबीएम इंडिया की ओर से शुभा गुप्ता ने आउटकम बेस्ड एजुकेशन के महत्व को आईटी डिपार्टमेंट से जोड़ा। इस अवसर पर संस्था डायरेक्टर जयपाल मील, रजिस्ट्रार रचना मील, प्राचार्य डॉ. रमेश कुमार पचार, आईटी

डिपार्टमेंट हेड डा. अनिल चौधरी, सीएस डिपार्टमेंट हेड डॉ. मुकेश कुमार गुप्ता और



कन्वीनर मेहुल महर्षि ने भी एफडीपी के विभिन्न सत्रों को संबोधित किया।

## विभिन्न सेशंस में एक्सपर्ट्स ने रखे विचार आउटकम बेस्ड एजुकेशन पर चर्चा

जयपुर @ पत्रिका. स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में कंप्यूटर साइंस एंड इनफॉर्मेशन टेक्नोलॉजी डिपार्टमेंट की ओर से 'आउटकम बेस्ड एजुकेशन - ए पेराडीगम फॉर असेसमेंट एंड एक्रिडिशन' पर फैकल्टी डेवलपमेंट प्रोग्राम का आयोजन किया गया। इसमें एफडीसी एआईसीटीई डायरेक्टर कर्नल बी. वेंकट ने एफडीपी के बारे में जानकारी देते हुए आउटकम बेस्ड एजुकेशन का महत्व समझाया। डिजिटल एंड मोबाइल क्लाइट सर्विसेज



आईबीएम इंडिया की ओर से शुभा गुप्ता ने आईटी के बदलते स्वरूप पर चर्चा की। डायरेक्टर जयपाल मील, रजिस्ट्रार रचना मील, प्राचार्य डॉ. रमेश पचार, आईटी डिपार्टमेंट हेड अनिल चौधरी, सीएस डिपार्टमेंट हेड मुकेश गुप्ता और कन्वीनर मेहुल महर्षि ने भी संबोधित किया।



# FDP on Outcome-Based Education

CITY FIRST

**A**n online Five-Day faculty development programme on Outcome-Based Education: A Paradigm for Assessment & Accreditation commenced today at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur. Institute Director, Jaipal Meel welcomed the chief guest Col. B Venkat, Director, Faculty Development Cell, AICTE, New Delhi and Shubha Gupta, IBM, India.

Col. B.Venkat in his address congratulated the Institute for taking such initiatives and he emphasised the importance of NEP 2020 for young professionals. He also emphasised outcome-based education and



its implementation. More than 700 participants from 26 different states of India were taking part in this five-day online FDP. The program was coordinated by the faculties Deepa Modi, Shanu Tripathi, Rashmi Dadheech and Nidhi Srivastava.

**-THANK YOU-**