

Activity Report
of
4th Faculty Induction Program, IISER, Pune
Participated by Dr. Chintan R. Patel
From 30th October to 23rd November, 2019



Activity Report for Faculty Induction Program

Twenty-five days “4th faculty induction program (FIP)” was conducted by PMMMNMTT Centre of Excellence in Science and Mathematics Education (CoESME) from 30th October to 23rd November 2019, at Indian Institute of Science, Education and Research (IISER), Pune.

Main objective of the FIP was to make the new faculty members aware about:

- Understand their roles and responsibilities as faculty members.
- Familiarize themselves with the structure, functioning, governance, rules, regulations and professional expectations in higher education institutions.
- Explore pedagogical processes - aims of higher education, curriculum, instructional planning, classroom management and transaction, use of resources and assessment.
- Recognise the importance of self-development, socio-emotional development of students and the importance of nurturing ethics and values in higher education.

On first day of the FIP started with registration, welcome address and then a session by Prof. Sanjeev Galande on academic leadership. Other activities of all the weeks are as follow:

Week: 1 (31/10/2019 to 2/11/2019)

Teaching and learning activity	Resource Person
Student diversity & Inclusivity	Prof. Satyajit Rath
Psychology of Learning, Guidelines about conducting micro lessons	Ms. Shanti Pise
Teaching Portfolio	Mr. Asim Auti and Dr. Apurva Barve
ICT video making	Vivek Kannadi
Emotional intelligence, official communication	Dr. Sunanda Roy
Conventional & non-conventional methods of teaching	CoESME Team
Hands on session on Piazza and MOODLE	Mr. Asim Auti, Neeraja Dashputre

Week: 2 (4/11/2019 to 9/11/2019)

Teaching and learning activity	Resource Person
Designing of Intended Learning Outcomes of your teachings and Organizational Skills	Dr. Apurva Barve
Active Learning, Project Based Learning, Web based resources, RBPT	Mr. Asim Auti
Levels of learning	Hemangi K.
Microteaching	Dr. Lalita Vartak
Hands-on training, problem-based learning	Neeraja Dashputre
Research based pedagogical tool (RBPT): Live Inquiry Situation	Ms. Shanti Pise, Dr. Chaitanya Mungi
Content creation	Mr. Shrirang Godbole
Team Painting	Abha Bhagwat

Week: 3 (11/11/2019 to 16/11/2019)

Teaching and learning activity	Resource Person
Assessment strategies and rubrics,	Dr. Apurva Barve
Elements of Research based pedagogical tool (RBPT)	Ms. Prachi Pasalkar
Constructive methodology, Constructive approach towards learning Changing definition of pedagogy & constructive methodology	Dr. Venketshwara (TVV)
Computational Thinking-Scientific Inquiry, Computational Thinking-Scientific Inquiry	Mr. Sugat Dabholkar
Key strategies & skills for effective leadership, Developing organization aspiration & strategy for growth + Administrative leadership	Capt. C. Chitale
Sustainable development and climate change + NRC-Swayam	Dr. Rahul Chopra
Lesson planning & making a lesson plan (Unit planning)	Ms. Shanti Pise
Purpose of higher education	Prof. L. S. Shashidhara

Week: 4 (18/11/2019 to 23/11/2019)

Teaching and learning activity	Resource Person
Assessment: Role Play by Participants, CAS & API forms/ self-appraisal, Ethics in teaching & classroom environment	Prof. Saroj Ghaskadbi
Types of questions objective development of evaluative criteria for assessment, Rubric for setting questions; Analysis of questions set by the participants	Dr. Anuradha Deshmuk
ICT based teaching methods: Use of MS PowerPoint & MS Excel, ICT based teaching methods	MKCL team
Participant Presentation and Analysis of Alignment table	
Motivational Talks	Dr. George Judah
Understanding & Conducting research; Writing research proposals, budgeting, writing good project reports	Dr. Surendra Ghaskadbi
Stress Management	Ms. Shanti Pise
Understanding market-based developments related to employability of the students, NAAC & its guidelines College structure; IQAC Administration	Dr. B D Bhole
Participation in extension activities	Dr. A.A. Natu

Activity Report of 4th FIP, IISER, Pune

The assessment of faculties was done on the basis of the following parameters:

Sr. No.	Topic	Assessment	Marks	Module number	Week
1.	History of University	Pre-workshop written assignment: <i>self assessment</i>	10	1. Roles and responsibilities of a Faculty /Academics in Higher Education	Week 1
2.	Role of authorities/ officers in Universities or Colleges	Skit/role play <i>trainer led assessment</i>	10	2: University Structure and Functioning	Week 4
3.	Microteaching	Conducting micro lessons (<i>peer assessment and trainer led assessment</i>)	10	4. Pedagogic Techniques & Teaching and Learning Methods	Week 2
4.	Alignment table	Presentation	10		Week 4
5.	Making a Research Based Pedagogical Tool	Poster for an RBPT (group activity) (<i>peer assessment and trainer led assessment</i>)	10		Week 2, 3
6.	Bloom's Taxonomy and assessment based on that	Individual activity <i>Trainer led assessment</i>	10	4. Pedagogic Techniques & Teaching and Learning Methods 5. Assessment and Evaluation	Week 2
7.	Video Making	Presentation in Group <i>trainer led assessment</i>			Week 3
8.	Assessment	MCQ <i>Computerized assessment</i>	10	5. Assessment and Evaluation	Week 4
9.	Teaching Portfolio	Pre-workshop assignment <i>Trainer led assessment</i>	10	11. Academic Leadership	Week 1
10.	Modifying Practical syllabus	In class Assignment <i>Trainer led assessment</i>	10	3. Curriculum Design and Content Development	Week 4
11.	Final presentation	Presentations	20	4. Pedagogic Techniques & Teaching and Learning Methods	Week 4

The Valedictory & certificate Distribution was done by Dr. A.A. Natu & Dr. Chakrapani on 23/11/2019.

Photographs of 4th FIP, IISER, Pune



Activity Report of 4th FIP, IISER, Pune

