5.2.1 Report related to Capacity Development and Skills Enhancement Activities

ICT/Computing skills
1. Software Testing
A series of Online Guest Lectures was arranged on 'Software Testing Tools' for MCA-II students from 28 November - 15 December 2022. The Resource Person was Mr. Rishikesh Memane.
(Reference: IMS Reflection Magazine, Year: 2022 – 2023)

2. Deep Learning
Online Guest Lectures on 'Deep Learning' were arranged for MCA-II students from 27 – 29 December 2022. Mr. Tushar Kute, working as a Data Scientist and Trainer at MITU Skillologies, Pune, served as the Resource Person.
(Reference: IMS Reflection Magazine, Year: 2022 – 2023)

3. Practical Hands
On Session on **'Installation of Ubuntu - Linux OS'** was held on 1 February 2023 for MCA-I students. Mr. Kiran Sable guided the students through the installation steps.

(Reference: IMS Reflection Magazine, Year: 2022 – 2023)

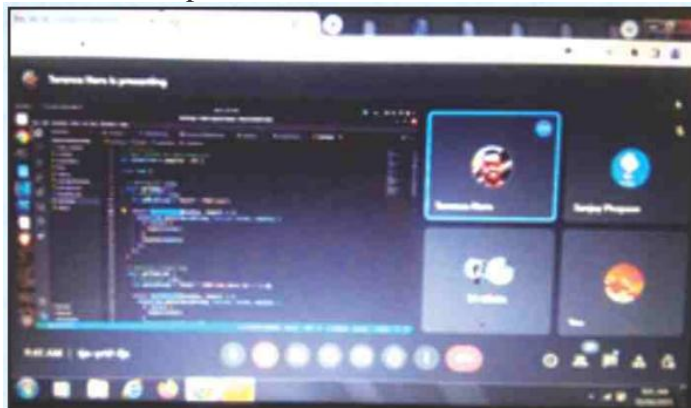**4. Installation & Configuration of Windows OS & Server Architecture**
A Guest Lecture on 'Installation & Configuration of Windows OS & Server Architecture' was organized on 13 February 2023 for all MCA-I students. Mr. Pratap Gaikwad was the Resource Person for the session.

(Reference: IMS Reflection Magazine, Year: 2022 – 2023)

5. ONLINE WORKSHOP ON 'NodeJS'

An online workshop on 'NodeJS' was arranged for MCA-I students from 30 May - 3 June 2023. Prestigious Alumni Terence Nero, Principal Engineer at Cuelogic Technologies, Pune was the Resource Person. It was a highly interactive and informative workshop. MCA-II students also actively participated in the workshop.

(Reference: IMS Reflection Magazine, Year: 2022 – 2023)

6. ICT Courses: Value added courses offered by Institute

Year 1 2018-19	
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	**Year of offering**
SPM Tools Grant Charts	2018-19
OS – Aptitude	2018-19
SQL – Aptitude	2018-19
Year 2 2019-20	
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	**Year of offering**
Technical Test Preparation	2019-20
Case study – SE	2019-20
Rational Unified Process	2019-20
Year 3 2020-21	
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	**Year of offering**

PM Tools	2020-21
Year 4 2021-22	
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	**Year of offering**
Mobile App Development(Flutter)	2021-22
Project Planning	2021-22
Year 5 2022-23	
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	**Year of offering**
ASP NET Core	2022-23
BASIC SQL	2022-23
SOA	2022-23
Core Java Script	2022-23
R Programming	2022-23
Advanced R Programming	2022-23
Mongo DB	2022-23

2021-22

1. **Practical Implementation of KR & AI : ML, DL Concepts**

A series of Guest Lectures with online demonstration on 'Practical Implementation of KR & AI : ML, DL Concepts' were arranged for MCA-II students from 14 Feb - 11 March 2022. The resource person was Mr. Tushar B. Kute, currently working as Data Scientist at MITU Research and trainer at MITU Skillologies, Pune.

2. **Workshop on Windows Server Architecture**

Workshop on Windows Server Architecture was organized for all MCA-I students. Mr. Pratap Gaikwad was the Resource Person for the workshop (18/02/2022) .

3. **Use of R Programming in Statistical Analysis**

A Guest Lecture on 'Use of R Programming in Statistical Analysis' was arranged for MCA-II students on 25th March 2022. The Resource Person was Prof. Yewale Yogesh, Assistant Professor from Ahmedanagar College, Ahmednagar.

4. Angular Framework

A guest lecture on 'Angular Framework' was organized for MCA Students and faculty members on th 5 July 2022. This session was conducted by Mr. Kamal Malhotra, Team Lead, CentraLogic Pvt. Ltd. Pune and Ms. Nikita Bhagwani , Tech Lead, Centralogic Pvt. Ltd, Pune.

5. Node.js

A workshop on 'Node.js' was arranged for MCA-I students on 9 July 2022. Mr Terence Nero was the resource person for the workshop.

6. DevOps- GIT, Chef, Maven and Docker

A series of Guest Lectures on 'DevOps- GIT, Chef, Maven and Docker' Container was arranged for th th MCA-II students from 11 - 27 July 2022. Prof. Hanif Pathan, IMS alumni was invited as the resource person.

2020 - 21

1. WORKSHOP ON WINDOWS OS & WINDOWS SERVER ARCHITECTURE IT

Department organized a Workshop for MCA-I students on the topic 'Windows OS & Windows Server nd Architecture' on 22 March 2021. Mr. Pratap Gaikwad was the resource person for the workshop.

2. WORKSHOP ON 'NODE JS'

Terence Nero, Principal Engineer, Cuelogic, Pune, conducted online workshop on 'Node JS' from 20 - 23 July 2021 for MCA-I student

2019 – 20

1. Digital Marketing

A Orientation on Digital Marketing was arranged for MCA students on 20th July 2019. In this orientation Ms. Payal Parewal gave information about career opportunities in Digital Marketing. Ms.Payal Parewal is Director of UI Technologies. She also spoke about Search Engine Optimization, Graphic Design and web development.

2. Data Science

Mr. Rushikesh Memane from Xorient solutions delivered a guest lecture on Data Science on 7th August 2019. He discussed various tools available for data analysis. He also spoke about career opportunities in Data Science.

3. Code Igniter

Mr. Anand Bhandari, Alpha Logic Inc., Pune conducted Guest Lecture on Code Igniter framework on 17th July 2019 for MCA III students.

2018 – 19

1. Data Analytics

IT department organized guest lecture on "Data Analytics" by Prof. Madhukar Kasture for all MCA I students on 3 September 2018.

2. Career Opportunities in Software Testing

A Guest Lecture on the topic "Career Opportunities in Software Testing" was arranged for MCA-II & MCA-III th (Track-III) Students on 4 August 2018. The resource person was Mr. Rishikesh Memane, Xoriant Solutions, and Pune.