



Department of Computer Engineering

Sub: GAP Analysis and Assessment Planning

Collective mapping of all the Courses:

For EVEN semester 22-23, following topics are mapped for content beyond syllabus.

S. No.	Contents Beyond Syllabus (This must be a gap identified in the syllabus)	Industrial Visit/ Virtual Industrial Tour/ NPTEL Lectures	Guest Lecture/ Webinar/ Seminar/ Workshop etc.	VAP	Add on
1.	Algorithmic problem solving-industrial practices.	-	3	-	-
2.	NP Hard Problem	-	1	-	-
3.	Emerging Areas in Operating System and Design	-	2	-	-
4.	Virtualization using Mainframe	-	2	-	-
5.	Legal Responsibilities of Engineering	-	1	-	-
6.	Application of Probability Theory in Machine Learning	-	2	-	-
7.	Introduction to Chip Design	-	2	-	-
8.	Introduction to Advanced Microprocessors	-	3	-	-
9.	Module 1: Complete Guide to Application Design and Development (ADD)	-	-	3	-
10.	Garbage Collection in Java	2	-	-	-
11.	Distributed OS/Real-time OS	2	-	-	-
12.	The making of Indian Constitution	1	-	-	-
13.	Data Science with R	-	-	-	3
14.	Application of DEM	-	2	-	-
15.	Image Classification Techniques	-	1	-	-
16.	Understanding Edge & Fog Computing	-	1	-	-



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Academic Session: 2022-23

Doc. No.: BITACAD/GA/COMP
/2022-23/Even/03

Date: 08/02/2023

S. No.	Contents Beyond Syllabus (This must be a gap identified in the syllabus)	Industrial Visit/ Virtual Industrial Tour/ NPTEL Lectures	Guest Lecture/ Webinar/ Seminar/ Workshop etc.	VAP	Add on
17.	Blockchain and IoT	-	3	-	-
18.	Module 2 & Module 3: Complete Guide to Application Design and Development(ADD)	-	-	3	-
19.	Advanced Topics in Runtime Environment	2	-	-	-
20.	Networking Essentials CISCO Certificate Course	3	-	-	-
21.	Advanced Database Concepts	-	-	-	3
22.	Dimensionality Reduction Techniques	-	2	-	-
23.	Visualization Techniques	-	3	-	-
24.	Programming for Compiler Tools	-	3	-	-
25.	Hands-on Workshop on College Networking System	-	1	-	-
Total Activities for Domain Activity Mapping		5	16	2	2

(Priority Level: 3-High, 2- Moderate, 1-Low)

S. No	Name of Faculty Member	Signature	S. No	Name of Faculty Member	Signature
1.	Prof. Sheetal Kale		2.	Dr. Ashish Sharma	
3.	Abhishek Kinhekar		4.	Sandesh Jain	
5.	Dr. Amreen Khan		6.	Urvashi Pote	
7.	Amol Jumde		8.	Akshay Saraf	
9.	Ajay Sahu		10.	Aihtesham Kazi	

Prepared By

Academic Coordinator

Checked By

Head of Department

HEAD
Department of Computer Engineering
Bajaj Institute of Technology, WARDHA



Department of Computer Engineering

**Activity Plan for Guest Lectures/ Webinars/ Industrial Visit/ VAP /
Add-on Courses**

With reference to the discussions made in the faculty meeting for GAP identification & contents beyond the syllabus, following Guest lectures/ Webinars/ VAP/ Add-on Courses activities will be conducted in the even semester (A.Y. 2022-23). The activities and their date of conduction are as follows:

IV Sem

Type of Activity	Subject	Topic	Responsibility	Date of Conduction
Guest Lecture/ Webinar	DAA	Algorithmic problem solving- industrial practices.	Prof. Sheetal Kale /Prof. Abhishek Kinhekar	April 2023
	DAA	NP Hard Problem	Prof. Sheetal Kale /Prof. Abhishek Kinhekar	June 2023
	OS	Emerging Areas in Operating System and Design	Dr. Amreen Khan/ Prof. Aihtesham Kazi	May 2023
	OS	Virtualization using Mainframe	Dr. Amreen Khan/ Prof. Aihtesham Kazi	May 2023
	BHR	Legal Responsibilities of Engineering	Prof. Abhijeet Dehadrai	May 2023
	PRTP	Application of Probability Theory in Machine Learning	Dr. Nilesh Ashtankar	April 2023
	DLDM	Introduction to Chip Design	Prof. Sandesh Jain/ Prof. Kirti Madan	May 2023
	DLDM	Introduction to Advanced Microprocessors	Prof. Sandesh Jain/ Prof. Kirti Madan	June 2023
VAP	ADD	Module 1: Complete Guide to Application Design and Development (ADD)	Prof. Amol Jumde/ Prof. Urvashi Pote	As per Time-Table
Case Study	DAA	Garbage Collection in Java	Prof. Sheetal Kale /Dr. Ashish Sharma	May 2023
NPTEL Course/ MOOC	OS	Distributed OS/Real-time OS	Dr. Amreen Khan/ Prof. Aihtesham Kazi	May 2023
	BHR	The making of Indian Constitution	Prof. Abhijeet Dehadrai	May 2023
Add-on Course	DSR	Data Science with R	Prof. Abhishek Kinhekar/ Dr. Amreen Khan	As per Time-Table



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Academic Session: 2022-23

Doc. No.: BITACAD/GA/COMP
/2022-23/Even/04

Date: 10/02/2023

VI Sem

Type of Activity	Subject	Topic	Responsibility	Date of Conduction
Guest Lecture/ Webinar	GIS	Application of DEM	Prof. Arpit Sharma	April 2023
	GIS	Image Classification Techniques	Prof. Arpit Sharma	April 2023
	IoT	Understanding Edge & Fog Computing	Prof. Sandesh Jain	April 2023
	IoT	Blockchain and IoT	Prof. Sandesh Jain	May 2023
VAP	ADD	Module 2 & Module 3: Complete Guide to Application Design and Development(ADD)	Prof. Sandesh Jain	As per Time Table
NPTEL Course/ EdX Course	CD	Advanced Topics in Runtime Environment	Prof. Akshay Saraf	April 2023
	CN	Networking Essentials CISCO Certificate Course	Prof. Urvashi Pote	April 2023
Add-on Course	DB	Advanced Database Concepts	Dr. Ashish Sharma	As per Time Table
Competition	ML	Dimensionality Reduction Techniques	Prof. Amol Jumde	April 2023
	ML	Visualization Techniques	Prof. Amol Jumde	April 2023
Workshop	CD	Programming for Compiler Tools	Prof. Akshay Saraf	March 2023
	CN	Hands-on Workshop on College Networking System	Prof. Urvashi Pote	April 2023

S. A. Kale
Prof. S. A. Kale

HOD, CO
HEAD

Department of Computer Engineering
Bajaj Institute of Technology, WARDHA

Copy to: 1. All faculty members for necessary action



Shiksha Mandal's

BAJAJ INSTITUTE OF TECHNOLOGY, PIPRI, WARDHA

DEPARTMENT OF MECHANICAL ENGINEERING

Ref: BIT/MECH/HOD/2021/16

Date: 07/05/2021

ACTIVITY PLAN FOR GUEST LECTURES/ WEBINARS/ INDUSTRIAL VISIT/ VAP/ ADD ON COURSES

With reference to the GAP identified & contents beyond the syllabus, following topics are finalized for Guest lectures/ Webinars/ Industrial Visit/ VAP/ Add on Courses activities. It is the outcome of the discussions made in the faculty meetings. The activity plan is as follows:

<u>Overall Coordinators:</u> Dr. Pawan Chandak & Dr. Manish Pasarkar			
Type of Activity	Topic	Responsibility	Expected Date/ Period of Activity
Industrial Visit/ Virtual Tour	Gating system design and Riser Design	Dr. Vikas Gohil	Last Week of May 21
Guest Lecture/ Webinar	Design & Manufacturing Aspects of Pressure Vessel	Mr. Santosh Kumar	Last Week of May to 2 nd Week of June 2021
	Wear Analysis	Dr. Manish Pasarkar	
	Advancement in Internal combustion Engines	Mr. Sameer Muley & Mr. Suraj Vairagade	
	Future applications of Solar Energy	Dr. Manish Pasarkar/ Mr. Sameer Muley/ Mr. Suraj Vairagade	
NPTEL Lectures	Experimental Techniques for Stress estimation in Machine Components & Pressure Vessels	Dr. Deepak Bhope	Last Week of May 21
	Post Optimality Analysis	Mr. Mandar Gupte	Last Week of May 21
VAP	Programming NM in MATLAB	Mr. Mandar Gupte	Third Week of June
	General Aptitude	Mr. Santosh Kumar	Ongoing Activity since 1 st March 2021
Add on	Product Modeling through Creo	Dr. Pawan Chandak	Ongoing Activity since 1 st March 2021


HEAD
Department of Mechanical Engineering
Bajaj Institute of Technology, WARDHA

- Copy to:**
1. Respected Principal Sir for kind information
 2. All faculty members for necessary action



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Academic Session: 2020-21

Doc. No.: BITACAD/NAAC
Notice/ Session/20-21

Date: 27/02/2021

NOTICE

A session on "**Planning and Implementation of Academic Processes**" is organized today at 1:00 pm for all faculty members. The session details are as follows:

Date: 27/02/2021

Mode: ONLINE ,

Google Meet joining info:

Feb 27 · 1:00 – 2:00pm

Video call link: <https://meet.google.com/huk-zuwf-rms>

All faculty members are hereby informed to attend the sessions.

Dr. N.M. Kanhe
Principal

Document No	Prepared on	Revised on	Prepared By	Approved By
BITACAD/NAAC Notice/ Session/20-21	20/02/21		MDP	Dr. N.M. Kanhe Principal



Shiksha Mandal's Bajaj Institute of Technology, Wardha

Faculty Enablement Programme

on

“Tools for Planning, Execution, Evaluation and Assessment in HEI”

By TEAM BIT LEADERS

Date: 28th Feb to 5th Mar 2022

Time: 10:00 am to 5:00 pm

Venue: Seminar Hall

**Dr. N.M. Kanhe
Principal**



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Academic Session: 2020-21

Doc. No.: BITACAD/NAAC
Notice/ Session/20-21

Date: 20/04/2021

NOTICE

A session on "**Mapping and Attainments**" is organized tomorrow at 4:00 pm for all faculty members. The session details are as follows:

Date: 21/07/2021

Mode: ONLINE ,

Google Meet joining info:

Wednesday, July 21 · 4:00 – 6:00pm

Video call link: <https://meet.google.com/uhp-risg-ibm>

S. No	Session on	Session By	Time
1.	Teaching Plan	Dr. M.D. Pasarkar	4:00 pm to 4:30 pm
2.	CO-PO attainment	Dr. H.S. Dalvi	4:30 pm to 5:00 pm
3.	Direct Attainment	Dr. H.S. Dalvi	5:00 pm to 5:30 pm
4.	Indirect Attainment	Dr. M.D. Pasarkar	5:30 pm to 6:00 pm

All faculty members are hereby informed to attend the sessions.

Dr. N.M. Kanhe
Principal

Document No	Prepared on	Revised on	Prepared By	Approved By
BITACAD/NAAC Notice/ Session/20-21	09/04/21	16/04/21	MDP	Dr. N.M. Kanhe Principal

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