



JSPM GROUP OF INSTITUTE, PUNE

SHRI BHAGWANT EDUCATION & RESEARCH CHARITABLE TRUST'S

BHAGWANT INSTITUTE OF TECHNOLOGY, BARSHI.

(Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated to DBATU Lonere, MSBTE)

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Prof. Dr. T. J. Sawant

President



Ref. No.: SBERCT/BIT/NAAC/2022-23/Cr.-1/06

Date: 19/12/2023

To,
The Coordinator,
NAAC, Bengaluru

Subject: Proofs of Number of courses that include experiential learning through project work/field work/internship during the year

Reference: 1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year

Dear Sir/Madam,

The Courses that include experiential learning through project work/field work/internship during the year 2022-23 mentioned in the reference above are available along with syllabus structure in the link given below.

https://bitbarshi.edu.in/iqac/ay_22-23/criterion1/1.3.2.pdf



Principal
Principal
Bhagwant Institute of Technology
Barshi.

Enclosure:

1. Sample syllabus structure

Semester –III (Second Year)
Proposed Scheme w.e.f. July – 2021

| Course Category | Course Code | Course Title | Weekly Teaching Hrs | | | Evaluation Scheme | | | | Credit |
|-----------------|-------------|-----------------------------------------------------------------------------------------------------|---------------------|----------|----------|-------------------|------------|------------|------------|-----------|
| | | | L | T | P | CA | MSE | ESE | Total | |
| | BTBS301 | Engineering Mathematics – III | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOC302 | Discrete Mathematics | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOC303 | Data Structures | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOC304 | Computer Architecture & Organization | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOC305 | Elective – I (a) Object - oriented Programming in C++ (b) Object Oriented Programming in Java | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOL306 | Data Structures Lab & Object Oriented Programming Lab | - | - | 4 | 60 | - | 40 | 100 | 2 |
| | BTCOS307 | Seminar – I | - | - | 4 | 60 | - | 40 | 100 | 2 |
| | BTES211P | Field Training / Internship / Industrial Training –I Evaluation | - | - | - | - | - | - | - | Audit |
| TOTAL | | | 15 | 5 | 8 | 220 | 100 | 380 | 700 | 24 |



Semester –IV (Second Year)
Proposed Scheme w.e.f. January – 2022

| Course Category | Course Code | Course Title | Weakly Teaching Hrs | | | Evaluation Scheme | | | | Credit |
|-----------------|-------------|------------------------------------------------------------------|---------------------|----------|----------|-------------------|------------|------------|------------|---------------------------------|
| | | | L | T | P | CA | MSE | ESE | Total | |
| | BTCOC401 | Design & Analysis of Algorithms | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOC402 | Operating Systems | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTHM403 | Basic Human Rights | 3 | - | - | 20 | 20 | 60 | 100 | 3 |
| | BTBSC404 | Probability and Statistics | 3 | - | - | 20 | 20 | 60 | 100 | 3 |
| | BTES405 | Digital Logic Design & Microprocessors | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOL406 | Operating Systems & Python Programming Lab | 1* | - | 4 | 60 | - | 40 | 100 | 3 |
| | BTCOS407 | Seminar – II | | | 4 | 60 | - | 40 | 100 | 2 |
| | BTCOF408 | Field Training / Internship / Industrial Training –II Evaluation | | | | | | - | - | Audit to be evaluated in V Sem. |
| TOTAL | | | 16 | 3 | 8 | 220 | 100 | 380 | 700 | 23 |

*Note: Lecture should be conducted only for Python Programming



Semester –V (Third Year)
Proposed Scheme w.e.f. July – 2022

| Course Category | Course Code | Course Title | Weekly Teaching Hrs | | | Evaluation Scheme | | | | Credit |
|-----------------|-------------|------------------------------------------------------------------------------|---------------------|----------|----------|-------------------|------------|------------|------------|-----------|
| | | | L | T | P | CA | MSE | ESE | Total | |
| | BTCOC501 | Database Systems | 3 | 1 | - | 20 | 20 | 20 | 100 | 4 |
| | BTCOC502 | Theory of Computation | 3 | 1 | - | 20 | 20 | 20 | 100 | 4 |
| | BTCOC503 | Software Engineering | 3 | 1 | - | 20 | 20 | 20 | 100 | 4 |
| | BTCOE504 | Elective – II (A) Human computer Interaction (B) Numerical Methods | 3 | - | - | 20 | 20 | 20 | 100 | 3 |
| | BTHM505 | Elective – III (A) Economics and Management (B) Business Communication | 3 | - | - | 20 | 20 | 20 | 100 | 3 |
| | BTCOL506 | Database Systems & Software Engineering Lab | - | - | 4 | 60 | - | 40 | 100 | 2 |
| | BTCOM507 | Mini-project – I | - | - | 4 | 60 | - | 40 | 100 | 2 |
| | BTCOF408 | Field Training / Internship / Industrial Training-II (Evaluation) | - | - | - | - | - | - | - | Audit |
| TOTAL | | | 15 | 3 | 8 | 220 | 100 | 380 | 700 | 22 |



Semester –VI (Third Year)
Proposed Scheme w.e.f. January – 2023

| Course Category | Course Code | Course Title | Weekly Teaching Hrs | | | Evaluation Scheme | | | | Credit |
|-----------------|-------------|------------------------------------------------------------------------------------------------------------------|---------------------|----------|----------|-------------------|------------|------------|------------|-----------------------------------|
| | | | L | T | P | CA | MSE | ESE | Total | |
| | BTCOC601 | Compiler Design | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOC602 | Computer Networks | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOC603 | Machine Learning | 3 | 1 | - | 20 | 20 | 60 | 100 | 4 |
| | BTCOE604 | Elective – IV (A) Geographic Information System (B) Internet of Things (C) Embedded Systems | 3 | - | - | 20 | 20 | 60 | 100 | 3 |
| | BTHM605 | Elective – V (A) Development Engineering (B) Employability and Skill Development (C) Consumer Behaviour | 3 | - | - | 20 | 20 | 60 | 100 | 3 |
| | BTCOL606 | Competitive Programming & Machine Learning Lab | 1* | - | 4 | 60 | - | 40 | 100 | 3 |
| | BTCOM607 | Mini-project – II | - | - | 4 | 60 | - | 40 | 100 | 2 |
| | BTCOF608 | Field Training / Internship / Industrial Training-III | - | - | - | - | - | - | - | Audit to be Evaluated in VII Sem. |
| TOTAL | | | 16 | 3 | 8 | 220 | 100 | 380 | 700 | 23 |

*Note: Lecture should be conducted only for Competitive Programming

