



Sharad Institute of Technology, College of Engineering
Yadrav (Ichalkaranji)-416121, Dist. – Kolhapur
(An Autonomous Institute)

(Approved by AICTE, New Delhi, Recognized by Government of Maharashtra & Affiliated
to BATU University, Lonere)

NBA Accredited Programs, Accredited By NAAC 'A' Grade, ISO 9001:2015 Certified

Syllabus Structure of M.Tech.


(Artificial Intelligence & Data Science)

Department of

Artificial Intelligence & Data Science Engineering

Semester: III & IV




Head of Department,
Artificial Intelligence & Data Science
SHARAD INSTITUTE OF TECHNOLOGY
COLLEGE OF ENGINEERING,
Yadrav (Ichalkaranji) Dist. Kolhapur.



ShriShamraoPatil (Yadavkar) Educational & Charitable Trust's
Sharad Institute of Technology College of Engineering
Yadav (Ichalkaranji)-416121, Dist. – Kolhapur

Department: Department of AIDS Engineering
Class: S.Y. M.Tech

Rev: Course Structure/01/NEP/2024-25
Semester: III

| Course Code | Type of Course | Course | Teaching Scheme | | | | | Evaluation Scheme | | | | |
|-------------|----------------|-------------------------|-----------------|---|---|---------|-----------|-------------------|-----|-----|-----|-------|
| | | | L | T | P | Credits | Total Hrs | CA1 | CA2 | MSE | ESE | Total |
| 24MAD2101 | MDM | Self-Learning Course-I | - | - | - | 3 | - | 10 | 10 | 30 | 50 | 100 |
| 24MAD2102 | IKS | Self-Learning Course-II | | | | | | | | | | |
| 24MAD2103 | ELC | Dissertation (Part-I) | - | - | - | 12 | - | 25 | 25 | - | 50 | 100 |
| | | | - | - | - | 15 | - | 35 | 35 | 30 | 100 | 200 |

Self-Learning Course-I- Multidisciplinary Minor

24MAD2101A: Artificial Intelligence: Search methods for problem solving

24MAD2101B: Introduction to graph algorithms

24MAD2101C: Introduction to Quantum Computing


Self-Learning Course-II- IKS

24MAD2102A: Indian Knowledge System (IKS): Concepts and Applications in Engineering

24MAD2102B: Indian Knowledge System (IKS): Humanities and Social Sciences

24MAD2102C: Ancient Indian Management




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Department: Department of AIDS Engineering

Rev: Course Structure/01/NEP/2024-25

Class: S.Y. M.Tech.

Semester: IV

| Course Code | Type of Course | Course | Teaching Scheme | | | | | Evaluation Scheme | | | | |
|-------------|----------------|------------------------|-----------------|---|---|---------|------------|-------------------|-----|-----|-----|-------|
| | | | L | T | P | Credits | Total Hrs. | CA1 | CA2 | MSE | ESE | Total |
| 24MAD2201 | ELC | Dissertation (Part-II) | - | - | - | 18 | - | 25 | 25 | - | 100 | 150 |
| | | Total | - | - | - | 18 | - | 25 | 25 | - | 100 | 150 |




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