

Government Polytechnic, Chhatrapati Sambhaji Nagar

Programme Name: Diploma in DIPLOMA IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING .

With Effect From Academic Year: 2023-24

With Effect From Academic Year: 2023-24

Revision: 7

| | | | | | | Learning Scheme | | | | | Assesment Scheme | | | | | | | | | | | | | |
|---------|-------------|--|-------------|-----------------|-------------|-----------------|--------------------------|----|----|-------------------|-----------------------------|---------|-----------------------|--------|-------|-------|-----|----------------------------|-----|-------|-----|------------------------|-----|-------------|
| Sr. No. | Course Code | Course Name | Course Abbr | Course Category | Course Type | IKS Hrs | Actual Contact Hrs./Week | | | Self Learning Hrs | Notional Learning Hrs /Week | Credits | Paper Duration (hrs.) | Theory | | | | Based on LL & TL Practical | | | | Based on Self Learning | | Total Marks |
| | | | | | | | CL | TL | LL | | | | | FA-TH | SA-TH | Total | | FA-PR | | SA-PR | | SLA | | |
| | | | | | | | | | | | | | | | | Max | Max | Max | Min | Max | Min | Max | Min | |
| 1 | 7G501 | BASIC MATHEMATICS | BMS | Compulsory | AEC | 6 | 4 | 2 | -- | 2 | 8 | 4 | 3 | 30 | 70 | 100 | 40 | -- | -- | -- | -- | 25 | 10 | 125 |
| 2 | 7R104 | C PROGRAMMING | CPR | Compulsory | DSC | 2 | 4 | -- | 4 | 2 | 10 | 5 | 3 | 30 | 70 | 100 | 40 | 50 | 20 | 50# | 20 | 25 | 10 | 225 |
| 3 | 7G502 | COMMUNICATION SKILLS (ENGLISH) | CMS | Compulsory | AEC | -- | 3 | -- | 2 | 1 | 6 | 3 | 3 | 30 | 70 | 100 | 40 | 25 | 10 | -- | -- | 25 | 10 | 150 |
| 4 | 7R603 | COMPUTER ENGINEERING WORKSHOP PRACTICE | WPC | Compulsory | SEC | -- | -- | -- | 4 | -- | 4 | 2 | -- | -- | -- | -- | -- | 50 | 20 | 50@ | 20 | -- | -- | 100 |
| 5 | 7G601 | FUNDAMENTALS OF ICT | ICT | Compulsory | SEC | -- | 1 | -- | 2 | 1 | 4 | 2 | -- | -- | -- | -- | -- | 25 | 10 | 25@ | 10 | 25 | 10 | 75 |
| 6 | 7R105 | WEB PAGE DESIGNING | WPD | Compulsory | DSC | -- | 2 | -- | 4 | -- | 6 | 3 | -- | -- | -- | -- | -- | 50 | 20 | 50@ | 20 | -- | -- | 100 |
| 7 | 7G301 | YOGA AND MEDITATION | YAM | Compulsory | VEC | 1 | -- | -- | 1 | 1 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 10 | -- | -- | 25 | 10 | 50 |
| Total: | | | | | | 9 | 14 | 2 | 17 | 7 | 40 | 20 | | 90 | 210 | 300 | | 225 | | 175 | | 125 | | 825 |
| | | | | | | | 33 | | | | | | | | | | | | | | | | | |

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| Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment, CD : Class Declearation |
| Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination, ** per week |
| Note : |
| 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester. |
| 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that course. |
| 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work. |
| 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs. |
| 5. 1 credit is equivalent to 40 Notional Learning hrs for Internship and 30 Notional Learning hrs for all other courses. |
| 6. * Self learning hours shall not be reflected in the Time Table. |
| 7. Course Category : Discipline Specific Course Core (DSC) : 2, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, AbilityEnhancement Course (AEC) : 2, Skill Enhancement Course (SEC) : 2, Generic Elective (GE) : 0 |
| 8. % EDS Laboratory learning LL will be conducted on holidays in online mode by concerned faculty |
| 9. * INP - 03 weeks winter vacation + 13 weeks even term duration. Total 16 Weeks |
| 10. last 02 weeks of even semester, students will complete submission/assessment/examination in the institute only |

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