1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during academic year 2022-23.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Program | SEM | Course  Title | Experiential Learning | | | Document Link |
| Project | Field Work | Internship |
| 1 | BE ( ECE ) | 3 | Transform Calculus, Fourier Series and Numerical Techniques |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Transform%20Calculus.pdf) |
| 2 | Digital System Design using Verilog | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/Final%20Year%20Projects/4AL19EC003-%20Electronics.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Digital%20System%20Design.pdf) |
| 3 | Basic Signal Processing |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Basic%20Signal%20Processing.pdf) |
| 4 | Analog Electronic Circuits |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/Pace%20wisdom.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Analog%20Electronic%20Circuits.pdf) |
| 5 | Analog and Digital Electronics Lab | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/Final%20Year%20Projects/4AL19EC042-Health.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Analog%20and%20Digital%20Electronics%20Lab.pdf) |
| 6 | BE (ECE) | 4 | Complex Analysis Probability and Statistical Methods |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Complex%20Analysis%20Probability%20(1).pdf) |
| 7 | Digital Signal Processing |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/Hynetic.pdf) | [view](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/DSP%204%20sem.pdf) |
| 8 | Circuits & Controls |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Circuits%20and%20Controls.pdf) |
| 9 | Communication Theory | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/Final%20Year%20Projects/4AL19EC017-Communication%20Wireless.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Communication%20Theory.pdf) |
| 10 | Communication Laboratory I |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/CT%20Lab.pdf) |
| 11 | C++ Basics |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/HCL.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/C++%20Basics.pdf) |
| 12 | BE (ECE) | 5 | Digital Signal Processing |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/DSP%205%20Sem.pdf) |
| 13 | Principles of Communication Systems |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Principle%20of%20Communication.pdf) |
| 14 | Information Theory and coding |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/SLK%20SOFTWARE%20.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Information%20Theory.pdf) |
| 15 | Electromagnetic Waves | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/Final%20Year%20Projects/4AL19EC023-EMF.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Electromagnetic%20waves.pdf) |
| 16 | Verilog HDL |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Verilog%20HDL.pdf) |
| 17 | Digital Signal Processing Laboratory |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/DSP%20Lab.pdf) |
| 18 | HDL Laboratory |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/HDL%20Lab.pdf) |
| 19 | BE (ECE) | 6 | Digital Communication |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/IPA%20pvt%20ltd.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Digital%20Communication.pdf) |
| 20 | Embedded Systems |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/Health%20edge.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Embedded%20System.pdf) |
| 21 | Microwave and Antennas |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Microwave.pdf) |
| 22 | Embedded Systems Laboratory | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/Final%20Year%20Projects/4AL19EC053-%20Embedded%20System.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Embedded%20System%20Lab.pdf) |
| 23 | Communication Laboratory |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Communication%20Lab.pdf) |
| 24 | Mini-Project | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/3rd%20Year%20Mini%20Project/2022-2023%20Mini%20Projects%20Merged.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Mini%20Project.pdf) |
| 25 | BE (ECE) | 7 | Computer Network |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/Cofecraft.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Computer%20Networks.pdf) |
| 26 | VLSI Design | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/4th%20Year%20Projects/19EC024-VLSI.pdf) |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/proxelera.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/VLSI%20Design.pdf) |
| 27 | Computer Network Laboratory |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Computer%20Networks.pdf) |
| 28 | VLSI Laboratory | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/4th%20Year%20Projects/4AL19EC064-%20AI%20Algorithms.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/VLSI%20Lab.pdf) |
| 29 | DSP Algorithm and Architecture |  |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/DSP%20Algorithms.pdf) |
| 30 | IoT and Wireless Sensor Networks |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/Quest%20Global.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/IOT%20&%20WSN.pdf) |
| 31 | Project Work Phase-1 | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/4th%20Year%20Projects/4AL19EC053-%20Embedded%20System.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Intenship%20&%20Project%20Phase%201.pdf) |
| 32 | BE (ECE) | 8 | Wireless and Cellular Communication |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/lekha%20wireless%20.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Wireless%20Cellular.pdf) |
| 33 | Network Security | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/Final%20Year%20Projects/4AL19EC064-%20AI%20Algorithms.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Network%20Security.pdf) |
| 34 | Internship |  |  | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Internship/8%20th%20Sem%20Internship.pdf) | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Intenship%20&%20Project%20Phase%201.pdf) |
| 35 | Project Work Phase – 2 | [YES](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.3/ECE/4th%20Year%20Projects/4AL19EC051-Sensors%20Embedded%20System.pdf) |  |  | [View](https://cloud.aiet.org.in/storage/NAAC/NAAC%20AQAR%20(2022-23)/Criteria%201/1.3.2/ECE/Project%20Phase%202.pdf) |