**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**
**COLLEGE OF ENGINEERING (AUTONOMOUS) :: ANATHAPURAMU**
Ananthapuramu – 515 002, Andhra Pradesh, INDIA

# ACADEMIC AUDIT

## EVALUATION SHEET

**Name of the Department:** Computer Science and Engineering.

**Name of the Program:** B Tech (CSE)
M. Tech (Comp Sci)
Master of Computer Applications (MCA)
Ph. D (CSE)

**Academic Year:** 2022-2023

**List of files audited:**

| S.No. | Name of the file |
|---|---|
| 1. | Approval Letters (AICTE, UGC, etc.) |
| 2. | NBA Letters and Reports (SARs, NBA orders, compliance reports, etc.) |
| 3. | NAAC Letters and Reports |
| 4. | NIRF Letters and Reports |
| 5. | Department Profile |
| 6. | Updating Department details in College website |
| 7. | Academic Calendars |
| 8. | Time Tables |
| 9. | Minutes of Department Meetings |
| 10. | Students Admissions |
| 11. | Nominal Rolls of the students |
| 12. | Academic Year wise Teaching Staff details along with Student-Teacher Ratio |
| 13. | Semester wise Attendance details of students |
| 14. | Methodologies Used to support slow learners and encourage advanced learners and Impact analysis |
| 15. | Conduct of Remedial Classes |
| 16. | Delivery Details of the content beyond the Syllabus, Activities organized beyond the syllabus |
| 17. | Syllabus coverage as per Course Plan |
| 18. | Maintenance of Course Diary |
| 19. | Use of ICT in Teaching learning process and details of resources used |
| 20. | Internal Exam Time Tables |
| 21. | Internal Examination Question Papers |
| 22. | Internal Examination Marks |



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| | |
|---|---|
| 23. | Semester End Exam Time Tables |
| 24. | End semester Examination Question Papers |
| 25. | End Semester Examination Results and its analysis |
| 26. | Quantity & Quality of Assignments/ Mini Projects |
| 27. | Quantity & Quality of Main Projects |
| 28. | Community Service Projects and its Evaluation |
| 29. | Short-term internships and its Evaluation |
| 30. | Full internship and its Evaluation |
| 31. | Students Laboratory Records |
| 32. | Laboratory Manuals |
| 33. | Course End Survey Reports |
| 34. | Program End Survey Reports |
| 35. | Students' Feedback on Faculty |
| 36. | Details of Graduated Students and its analysis |
| 37. | Students Performance in Competitive Exams (GATE/GRE/CAT/PGECET/etc.) |
| 38. | Higher Studies of Students |
| 39. | Placements of the students |
| 40. | Minutes of Board of Studies |
| 41. | Process used in defining Vision, Mission, PEO and PSO statements |
| 42. | CO-PO/PSO Mapping of All courses |
| 43. | CO-PO/PSO attainments and Continuous Improvement |
| 44. | Syllabus coverage of Practical classes |
| 45. | Technical Magazines and Newsletters of Department |
| 46. | Details of workshops/seminars/ Guest lectures organized and its reports |
| 47. | Learning materials and software available for the student learning |
| 48. | Lab maintenance and Safety Measures |
| 49. | Department Library Details |
| 50. | Budget & Utilization |
| 51. | Stock Registers & Equipment in Department |
| 52. | Labeling of non-consumable items |
| 53. | Entrepreneurship Development Activities |
| 54. | Faculty Profiles (CVs from Vidwan website) |
| 55. | Participation of Faculty in FDPs |
| 56. | Faculty Publications |



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|---|---|
| 57. | Faculty Patents |
| 58. | Faculty Research Projects |
| 59. | Details of Research scholars supervising/successfully supervised by Faculty |
| 60. | Awards & Achievements of the Faculty |
| 61. | Participation of Faculty in Curriculum development |
| 62. | Participation of Faculty in non-academic programs |
| 63. | Lecture Notes |
| 64. | Course Files |
| 65. | Conduct of expert lectures, industry interaction etc. for students |
| 66. | Co-curricular and extra-curricular activities for students |
| 67. | Feedback from other stakeholders such as Parents, Alumni and Industry |
| 68. | Best Practices in the Department |

**Overall Assessment:**

The CSE department has potential faculty with sufficient infrastructural facilities. Research scholars, student strength are sufficient. The curriculum offered is well-designed and includes courses focused on skill development and entrepreneurship. Good number of students are placed in reputed companies. Further, considerable number of students are progressed to higher education programmes like M.Tech and Ph.D in institution of repute like IISc, IITs.

A structured mechanism in identifying slow learners, arranging remedial classes and corresponding impact analysis is in good practice.

Department is active in conducting faculty-centric and student-centric events.

All the laboratories and lecture halls well-equipped and properly maintained



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**Suggestion for improvement:**

1. Separate filing with proper file index for NIRF, NBA, NAAC should be maintained.
2. Departmental activities and information need to be updated in the website.
3. Feedback analysis, action taken report should be posted in the website.
4. Alumni engagement in the department developmental activities need to be strengthened
5. Faculty members are encouraged to seek funds for research from funding agencies as well as from CSR funding.

**Expert Team members Signature**

**Academic Auditor – 1**
(Name & Address)

**Academic Auditor – 2**
(Name & Address)

**Head of the Department** **Vice Principal** **Principal**



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**7.2:Academic Audit and actions taken during the period of Assessment**

**Observations made by the NBA Expert Committee:**

Audit process and implementation needs drastic improvement

**Compliance Status (Action taken by the Department) :**

Academic audits are conducted regularly, and corrective measures are implemented based on the findings to ensure continuous improvement

| Academic Audit Committee Suggestions | Action Taken Report |
|---|---|
| **Academic Year 2022-23** | |
| 1. Separate filing with proper file index for NIRF, NBA, NAAC should be maintained. | Separate file indexes have been created for NIRF, NBA, and NAAC. Each file is organized in box files and labelled with respective titles and index numbers for easy access. |
| 2. Departmental activities and information need to be updated in the website. | The content of the Department has been updated in the college website to reflect current activities, events, and academic information. A designated faculty coordinator ensures timely updates. |
| 3. Feedback analysis, action taken report should be posted in the website. | Feedback collected from students and stakeholders has been analyzed, and the action taken reports are prepared. These have been uploaded into the official website under the feedback section. |
| 4. Alumni engagement in the departmental developmental activities needs to be strengthened. | Alumni have been invited to deliver lectures participate in seminars and workshops. A few alumni have interacted with students through webinars, and an alumni database is being maintained to enhance future engagement. |

| | |
|---|---|
| 5. Faculty members are encouraged to seek funds for research from funding agencies as well as from CSR funding. | Some faculty have submitted proposals to various funding agencies like DST, UGC, and AICTE. One ATAL FDP has been sanctioned. In addition, proposals involving CSR funding have been initiated and submitted under various schemes. 10 Lakh rupees has beem sanctioned by APSCHE to Prof. C. Shoba Bindu for research proposal titled "DeepDroughtUAV: Deeep Learning based estimation of drought area in Anantapur Cluster using UAV Surveillance". |

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
COLLEGE OF ENGINEERING (*Autonomous*), ANANTAPUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B.TECH II YEAR I SEM
TIME TABLE

**Academic year: 2023-24** **Commences from: 14/08/2023 To 2/12/2023** **Branch: CSE**
**Class Room: LHC-209** **CRC Chairman: Mr. N. Kiran Kumar**

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | DMGT | ←----IOT LAB----→ | | LUNCH | MEFA | OOPS | UHV |
| TUE | DMGT | DIS | DS | | UHV | OOPS | MEFA |
| WED | DMGT | DIS | DS | | ←----------DS LAB----------→ | | |
| THUR | ←----------OOPS LAB---------→ | | | | ←----------DIS LAB----------→ | | |
| FRI | IOT | DIS | DS | | MEFA | OOPS | UHV |
| SAT | GUEST LECTURE/ WORKSHOP/WEBINAR | MENTORING | VAC | | NSS/NCC/NSO | VAC | NSS/NCC/NSO |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | Discrete Mathematics & Graph Theory | DMGT | Ms. S.Srilakshmi |
| 2 | Digital Systems | DIS | Prof. K. Madhavi |
| 3 | Data Structures | DS | Prof. C. Shoba Bindu |
| 4 | OOPS through Java | OOPS | Prof. B. Eswar Reddy |
| 5 | **(Humanities Elective)** Managerial Economics and Financial Analysis | MEFA | Dr. C. Madhavi |
| 6 | Digital Systems Lab | DIS LAB | 1.Prof. K. Madhavi<br>2. Mr. G. Eswar<br>3. Smt.R.Sandhya |
| 7 | Data Structures Lab | DS LAB | 1. Prof. C. Shoba Bindu<br>2.Mr. K Somasena Reddy<br>3. Smt. M. Prashanthi |
| 8 | OOPS through Java Lab | OOPS LAB | 1. Prof. B. Eswar Reddy<br>2.Mr. G. Pradeep Reddy<br>3.Mr. K. Varun Kumar |
| 9 | **( Skill Oriented Course-I)** IoT Using Python | IOT | 1.Mr. N.Kiran Kumar<br>2.Smt. D. Madhuri |
| 10 | **Mandatory Course-II** Universal Human Values | UHV | Mr. K. Tabrez Khan |
| 11 | NSS/NCC/NSO | NSS/NCC/ NSO | Mr.M.Vijayakanth |
| 12 | Value Added Course | VAC | Mr. N. Kiran Kumar |

**HEAD OF THE DEPARTMENT** **VICE-PRINCIPAL** **PRINCIPAL**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B.TECH III YEAR I SEM
TIME TABLE

**Academic year: 2023-24** **Commences from: 21/08/2023 To 08/12/2023** **Branch: CSE**
**Class Room: LHC-203** **CRC Chairman: Mr. G. Pradeep Reddy**

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | OE-I IJP | CN | SEMINAR | L U N C H | <----------CN LAB----------> | | |
| TUE | SEMINAR | FLAT | VAC | | DAA | IPR | PE-I AI |
| WED | SEMINAR | CN | PE-I AI | | OE-I IJP | IPR | FLAT |
| THUR | DAA | CN | PE-I AI | | SS | <-----SS LAB---> | |
| FRI | DAA | FLAT | OE-I IJP | | <----------DAA LAB---------> | | |
| SAT | GUEST LECTURE/WORKSHOP/WEBINAR | | VAC | | MENTORING | <-------ICON-----> | |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | Formal Languages and Automata Theory | FLAT | Dr R. Raja Shekar |
| 2 | Computer Networks | CN | Prof P. Chenna Reddy |
| 3 | Design and Analysis of Algorithms | DAA | Mr K. Soma Sena Reddy M. Prashanthi |
| 4 | **Professional Elective-I** Introduction to AI | AI | Prof A.P. Shiva Kumar |
| 5 | **Open Elective-I** Introduction to Java Programming | IJP | Mr. G. Pradeep Reddy |
| 6 | Computer Networks Lab | CN LAB | 1. Prof P. Chenna Reddy 2.Mr. N. Kiran Kumar 3.Mr. G. Eswar |
| 7 | Design and Analysis of Algorithms Lab | DAA LAB | 1. Mr K. Soma Sena Reddy M. Prashanthi 2.Mr. M. Vijaykanth 3.Ms. Sivarani |
| 8 | **Skill Advanced Course-I** Soft Skills | SS | Dr. T. Sailaja |
| 9 | Soft Skills LAB | SS LAB | Dr. R. Manjula Dr. T. Sailaja |
| 10 | **Mandatory non-credit Course-IV** Intellectual Property Rights | IPR | Dr. K. Aruna |
| 11 | Value Added Course | VAC | Mr. G. Pradeep Reddy |

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COLLEGE OF ENGINEERING (*Autonomous*), ANANTAPUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic year: 2023-24 Commences from: 30/01/2024

I B.Tech II Semester
TIME TABLE

Class Room: Main Building Lecturer Hall-18 CRC : K. Somasena Reddy

| PERIOD / DAY | 1<br>9.30-10.30 | 2<br>10.30-11.30 | 3<br>11.30-12.30 | 12.30-1.30 | 4<br>1.30-2.30 | 5<br>2.30-3.30 | 6<br>3.30-4.30 | 7<br>4.30-5.30 |
|---|---|---|---|---|---|---|---|---|
| MON | DEVC | DS | EP | L B | BEEE Lab | | | Library |
| TUE | DS | EP | BEC | U R | EG | | | Seminar |
| WED | EP Lab/ DS Lab | | | N E | EP | DEVC | BEC | Library |
| THUR | EP Lab/ DS Lab | | | C A | DS | DEVC | BEE | Library |
| FRI | BEE | IT LAB | | H K | EG | | Library | SPORTS |
| SAT | NSS/NCC/Scouts & Guides/Community Service | | | | | | | |

| S.NO | SUBJECT | STAFF | Phone No |
|---|---|---|---|
| 1 | Engineering Physics (EP) | Dr. P. Panduranga | 9885506890 |
| 2 | Differential Equations & Vector Calculus (DEVC) | Dr.A.Sailakumari | [illegible] |
| 3 | Basic Electronics Engineering (BEC) | [illegible] B.C. Lavanya | [illegible] |
| 4 | Basic Electrical and Engineering (BEE) | Smt. P. Swathi | 8897096560 |
| 5 | Data Structures (DS) | Mr. K. Somasena Reddy | 9533741695 |
| 6 | Engineering Graphics (EG) | T Dada Kalandar | 9966994157 |
| 7 | IT Workshop (IT LAB) | 1. Prof. B. Lalitha<br>2. Mr. N. Kiran Kumar<br>3. Mr. G. Pradeep Reddy | 9885336491<br>9441266224<br>9032093949 |
| 8 | Engineering Physics Lab (EP Lab) | 1. Dr. D. Zarena<br>2. Dr. P. Panduranga<br>3. Dr. N. Suresh Kumar | 8333046487<br>9885506890<br>8121127157 |
| 9 | Electrical Engineering Workshop (BEEE LAB) | 1. Prof. N. Visali<br>2. Mr. K. Nagabushanam<br>3. Smt. Y. Manasa | <br>9959109020<br>9346246451 |
| 10 | Electronics Engineering Workshop (BEEE LAB) | [illegible] B.C. Lavanya<br>ECE Faulty | 6305161149 |
| 11 | Data Structures Lab (DS Lab) | 1. Prof. S. Vasundra<br>2. Mr. K. Somasena Reddy, Ms. R. Jahnavi | 9440505837<br>9533741695 |
| 12 | NSS/NCC/Scouts & Guides/Community Service | Mr. M. Vijayakanth | 9440750133 |

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B.TECH II YEAR II SEM
TIME TABLE

Academic year: 2023-24 Commences from: 20/12/2023 To 09/04/2024 Branch: CSE
Class Room: LHC-209 CRC Chairman: Dr. P. Radhika Raju

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | ←--------SC-II LAB--------→ | | SC-II | LUNCH | ←----------DBMS LAB----------→ | | |
| TUE | PSM | PSM | CO | | DBMS | OS | DTI |
| WED | PSM | CO | SE | | ←----------SE LAB----------→ | | |
| THUR | ←----------OS LAB----------→ | | | | DBMS | OS | SE |
| FRI | DTI | CO | SE | | DBMS | OS | DTI |
| SAT | GUEST LECTURE/ WORKSHOP/WEBINAR | MENTORING | NSS/NCC | | GUEST LECTURE/WORKSHOP/WEBINAR | LIBRARY | MENTORING |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | Probability and Statistics Methods | PSM | Ms. S. Srilakshmi |
| 2 | Computer Organization | CO | Prof. K. Madhavi Mr. G. Eswar 9/01/24 |
| 3 | Database Management Systems | DBMS | Dr. P. Radhika Raju |
| 4 | Operating Systems | OS | Prof. B. Eswar Reddy |
| 5 | Software Engineering | SE | Ms. R. Jahnavi |
| 6 | Database Management Systems Lab | DBMS LAB | Dr. P. Radhika Raju<br>Mr. K. Surendra<br>Mr. N. Kiran Kumar |
| 7 | Operating Systems Lab | OS LAB | Prof. B. Eswar Reddy<br>Mr. G. Pradeep Reddy<br>Mr. K. Varun Kumar |
| 8 | Software Engineering Lab | SE LAB | Ms. R. Jahnavi Ram<br>Mr. G. Eswar<br>Ms. J. Sivarani |
| 9 | Skill oriented Course – II<br>Exploratory Data Analytics with R | SC-II | Smt. D. Madhuri |
| 10 | Skill oriented Course – II<br>Exploratory Data Analytics with R Lab | SC-II LAB | Prof. K. Madhavi<br>Smt. D. Madhuri<br>Mr. M. Vijaya Kanth |
| 11 | Mandatory non-credit Course - III<br>(Design Thinking for Innovation) | DTI | Mr. T. Sudhakar |

HEAD OF THE DEPARTMENT VICE-PRINCIPAL PRINCIPAL

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B.TECH III Year II SEM
TIME TABLE

Academic year: 2023-24 Commences from: 01-01-2024 To: 17-04-2024 Branch: CSE
Classroom: LHC-203 CRC Chairman: Smt. M. Prashanthi

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | OE-II ILP | ML | CD | LUNCH | ←----------C & NS LAB----------→ | | |
| TUE | ←----------FSD/ML LAB----------→ | | | | C & NS | CD | IC |
| WED | CD | ML | C & NS | | OE-II ILP | ST | IC |
| THUR | ST | ML | C & NS | | ←----------ST LAB----------→ | | |
| FRI | ST | SEMINAR | OE-II ILP | | ←----------FSD/ML LAB----------→ | | |
| SAT | GUEST LECTURE/ WORKSHOP/WEBINAR | MENTORING | NSS/NCC | | GUEST LECTURE/WORKSHOP/WEBINAR | MENTORING | LIBRARY |

| S.NO | SUBJECTS | ABBR | FACULTY NAME |
|---|---|---|---|
| 1 | Compiler Design | CD | Mr. K. Surendra |
| 2 | Machine Learning | ML | Dr. K. F. Bharati |
| 3 | Cryptography & Network Security | C & NS | Prof. C.Shoba Bindu |
| 4 | Professional Elective-II (MOOCS) Software Testing cloud computing | ST CC | Smt. M. Prashanthi |
| 5 | Open Elective - II 1. Introduction to Linux Programming | ILP | Mr. N. Kiran Kumar |
| 6 | Cryptography & Network Security Lab | C & NS LAB | 1. Prof. C.Shoba Bindu 2. Mr. K. Somasena Reddy 3. Mr. G. Eswar |
| 7 | Professional Elective-II Software Testing Lab cloud computing lab | ST CC LAB | 1. Smt. M. Prashanthi 2. Smt D. Madhuri 3. Mr. M. Vijaya Kanth |
| 8 | Machine Learning Lab | ML LAB | 1. Dr. K. F. Bharati 2. Dr. P. Radhika Raju 3. Ms. J. Sivarani |
| 9 | Skill Oriented Course-IV Full stack Development | FSD | 1. Prof. P. Chenna Reddy 2. Mr. G. Pradeep Reddy |
| 10 | Mandatory non-credit Course –V Indian Constitution | IC | Ms. R. Jahnavi Ram |

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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR**
**COLLEGE OF ENGINEERING (*Autonomous*), ANANTAPUR**
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**
**B.TECH IV YEAR I SEM**
**TIME TABLE**

**Academic year: 2023-24** **Commences from: 21/08/2023 To 08/12/2023** **Branch: CSE**
**Class Room: LHC- 305** **CRC Chairman: Mr. G. Eswar**

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30 -1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | OE-III CS | PE-III AM | VAC | LUNCH | LIBRARY | SEMINAR | MS |
| TUE | PE-IV DP | OE-III CS | PE-V DL | | PE-III AM | OE-IV DBMS | LIBRARY |
| WED | OE-III CS | PE-V DL | PE-III AM | | SEMINAR | VAC | PE-IV DP |
| THUR | PE-IV DP | OE-IV DBMS | SEMINAR | | MAD | MS | LIBRARY |
| FRI | OE-IV DBMS | <--------MAD LAB-----→ | | | VAC | PE-V DL | MS |
| SAT | GUEST LECTURE/WORKSHOP/WEBINAR | | | | MENTORING | <----------ICON-------→ | |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | **Professional Elective-III** Agile Methodologies | AM | Dr. P. Radhika Raju |
| 2 | **Professional Elective-IV** Design Patterns | DP | Dr. S. Jessica Saritha |
| 3 | **Professional Elective-V(MOOC)** Deep Learning | DL | Mr.N.Kiran kumar |
| 4 | **Open Elective-III** Cyber Security | CS | Mr. K. Somasena Reddy |
| 5 | **Open Elective-IV** Introduction to DBMS | DBMS | Mr. G. Eswar |
| 6 | **Humanities Elective** Management Science | MS | Dr. C. Madhavi |
| 7 | **Skill Oriented Course-V** Mobile Application Development | MAD | Mr. K. Surendra |
| 8 | Mobile Application Development LAB | MAD LAB | Mr. K. Surendra<br>Mr. M. Vijaykanth |
| 9 | Value Added Course | VAC | Mr. G. Eswar |

**HEAD OF THE DEPARTMENT** **VICE-PRINCIPAL** **PRINCIPAL**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
COLLEGE OF ENGINEERING (*Autonomous*), ANANTAPUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B.TECH III Year II SEM
TIME TABLE

**Academic year: 2023-24 Commences from: 01-01-2024 To: 17-04-2024 Branch: CSE**
**Classroom: LHC-203 CRC Chairman: Smt. M. Prashanthi**

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | OE-II ILP | ML | CD | LUNCH | ←----------C & NS LAB----------→ | | |
| TUE | ←----------FSD/ML LAB----------→ | | | | C & NS | CD | IC |
| WED | CD | ML | C & NS | | OE-II ILP | ST | IC |
| THUR | ST | ML | C & NS | | ←----------ST LAB----------→ | | |
| FRI | ST | SEMINAR | OE-II ILP | | ←----------FSD/ML LAB----------→ | | |
| SAT | GUEST LECTURE/ WORKSHOP/WEBINAR | MENTORING | NSS/NCC | | GUEST LECTURE/WORKSHOP/WEBINAR | MENTORING | LIBRARY |

| S.NO | SUBJECTS | ABBR | FACULTY NAME |
|---|---|---|---|
| 1 | Compiler Design | CD | Mr. K. Surendra |
| 2 | Machine Learning | ML | Dr. K. F. Bharati |
| 3 | Cryptography & Network Security | C & NS | Prof. C.Shoba Bindu |
| 4 | Professional Elective-II (MOOCS) Software Testing cloud computing | ST CC | Smt. M. Prashanthi |
| 5 | Open Elective - II 1. Introduction to Linux Programming | ILP | Mr. N. Kiran Kumar |
| 6 | Cryptography & Network Security Lab | C & NS LAB | 1. Prof. C.Shoba Bindu 2. Mr. K. Somasena Reddy 3. Mr. G. Eswar |
| 7 | Professional Elective-II Software Testing Lab cloud computing lab | ST LAB CC | 1. Smt. M. Prashanthi 2. Smt D. Madhuri 3. Mr. M. Vijaya Kanth |
| 8 | Machine Learning Lab | ML LAB | 1. Dr. K. F. Bharati 2. Dr. P. Radhika Raju 3. Ms. J. Sivarani |
| 9 | Skill Oriented Course-IV Full stack Development | FSD | 1. Prof. P. Chenna Reddy 2. Mr. G. Pradeep Reddy |
| 10 | Mandatory non-credit Course –V Indian Constitution | IC | Ms. R. Jahnavi Ram |

HEAD OF THE DEPARTMENT VICE-PRINCIPAL PRINCIPAL

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
COLLEGE OF ENGINEERING (Autonomous), ANANTAPUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MCA I YEAR I SEM (R20)
TIME TABLE

Academic year: 2023-24 Commences from: 04-10-2023 Branch: CSE
Class Room: Department CRC Chairman: Smt D. Madhuri

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 | 7 4.30-5.30 |
|---|---|---|---|---|---|---|---|---|
| MON | DBMS | MSF | CO | L | <----------P&DS LAB----------> | | | |
| TUE | SEMINAR | SEMINAR | OS | U | MSF | DBMS | P&DS | SEMINAR |
| WED | DBMS | P&DS | OS | N | <----------OS LAB----------> | | | LIBRARY |
| THUR | MSF | P&DS | CO | C | <--------DBMS LAB-----> | | | SEMINAR |
| FRI | MSF | SEMINAR | OS | H | SEMINAR | CO | SEMINAR | LIBRARY |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | Programming & Data Structures | P & DS | Dr. R. Raja Sekhar |
| 2 | Computer Organization | CO | Prof. K. Madhavi |
| 3 | Database Management Systems | DBMS | Dr. K.F. Bharati |
| 4 | Operating Systems | OS | Prof. A. Suresh Babu |
| 5 | Mathematical and Statistical Foundations | MSF | Ms S. Srilakshmi |
| 6 | Programming & Data Structures Lab | P & DS LAB | 1. Dr. R. Raja Sekhar<br>2. Smt D. Madhuri<br>3.Mr. K. Somasena Reddy |
| 7 | Database Management Systems Lab | DBMS LAB | 1.Prof. K.F. Bharati<br>2. Dr. P. Radhika Raju<br>3. Ms M.Sreelatha |
| 8 | Operating Systems Lab | OS LAB | 1. Prof. A. Suresh Babu<br>2. Mr. G. Eswar<br>3. Mr.N.Kiran Kumar |

KFbharati

HEAD OF THE DEPARTMENT VICE-PRINCIPAL PRINCIPAL

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
COLLEGE OF ENGINEERING (*Autonomous*), ANANTAPUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MCA II YEAR II SEM
TIME TABLE

**Academic year: 2023-24** **Commences from: 24/01/2024** **Branch: CSE**
**Class Room: Department** **CRC Chairman: Smt. D. Madhuri**

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | BCT | SEMINAR | LIBRARY | L U N C H | ←----------PROJECT----------→ | | |
| TUE | BDA | BCT | SEMINAR | | ←----------PROJECT----------→ | | |
| WED | BCT | BDA | SEMINAR | | ←----------PROJECT----------→ | | |
| THUR | ←----------PROJECT----------→ | | | | ←----------PROJECT----------→ | | |
| FRI | SEMINAR | BDA | LIBRARY | | ←----------PROJECT----------→ | | |
| SAT | Guest Lecture/ Workshop/ webinar NSS/NCC | | | | | | |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | **Program Elective-3** Block Chain Technologies | BCT | Smt M. Prashanthi |
| 2 | **Program Elective-4** Big Data Analytics | BDA | Smt D. Madhuri |
| 3 | Seminar | SEMINAR | Mr. M. Vijayakanth |
| 4 | Project Work | PROJECT | Mr. G.Pradeep Reddy |

HEAD OF THE DEPARTMENT VICE-PRINCIPAL PRINCIPAL

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR**
**COLLEGE OF ENGINEERING *(Autonomous)*, ANANTAPUR**
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**
**MCA I YEAR II SEM (R20)**
**TIME TABLE**

**Academic year: 2023-24** **Commences from: 19/02/2024 To: 05/07/2024** **Branch: CSE**
**Class Room: Department** **CRC Chairman: Mr. N. Kiran Kumar**

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | ←-------SE Lab--------→ | | SE | L U N C H | OOP | OOP | LIBRARY |
| TUE | CN | AI | DAA | | ←-------DAA Lab--------→ | | SE |
| WED | CN | AI | AI | | OOP | ←-------OOP Lab------→ | |
| THUR | CN | BE & SS | DAA | | SEMINAR | SE | LIBRARY |
| FRI | ←-------AI Lab--------→ | | BE & SS | | SEMINAR | DAA | LIBRARY |
| SAT | GUEST LECTURE/WORKSHOP/WEBINAR/NSS/NCC/MENTORING | | | | | | |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | Computer Networks | CN | Mr. N. Kiran Kumar |
| 2 | Business English and Soft skills | BE & SS | Dr. V. B. Chitra |
| 3 | Object Oriented Programming | OOP | Mr. G. Pradeep Reddy |
| 4 | Software Engineering | SE | Dr. S. Jessica Saritha |
| 5 | Design and Analysis of Algorithms | DAA | Prof. R. Raja Sekhar |
| 6 | **Program Elective-I**<br>Artificial Intelligence | AI | Prof. A. P. Siva Kumar |
| 7 | Object Oriented Programming Lab | OOP Lab | 1. Prof. A. Suresh Babu<br>2. Mr. G. Pradeep Reddy<br>3. Mr. N. Kiran Kumar |
| 8 | Software Engineering Lab | SE Lab | 1. Dr. S. Jessica Saritha<br>2. Mr. K. Somasena Reddy<br>3. Smt M. Prashanthi |
| 9 | Design and Analysis of Algorithms | DAA Lab | 1. Prof. R. Raja Sekhar<br>2. Smt M. Prashanthi<br>3. Smt. D. Madhuri |
| 10 | **Program Elective-I Lab**<br>Artificial Intelligence | AI Lab | 1. Prof. A. P. Siva Kumar<br>2. Mr. M. VijayKanth<br>3. Mr. K. Varun Kumar |

**HEAD OF THE DEPARTMENT** **VICE-PRINCIPAL** **PRINCIPAL**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR
COLLEGE OF ENGINEERING (*Autonomous*), ANANTAPUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
M. Tech I YEAR II SEM (R21)
TIME TABLE

Academic year: 2023-24 Commences from: 19/02/2024 To: 05/07/2024 Branch: CSE
Class Room: LHC-109 CRC Chairman: Prof B. Lalitha

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 | 7 4.30-5.30 |
|---|---|---|---|---|---|---|---|---|
| MON | IoT | SOA | AC-II | L U N C H | TS | SDN | TS | LIBRARY |
| TUE | SDN | SOA | AC-II | | ←----------IoT LAB----------→ | | | |
| WED | SEMINAR | VR & AR | SOA | | ←----------VR & AR LAB----------→ | | | |
| THUR | SEMINAR | VR & AR | IoT | | TS | SEMINAR | SEMINAR | LIBRARY |
| FRI | SEMINAR | VR & AR | SEMINAR | | SDN | IoT | TS | LIBRARY |
| SAT | GUEST LECTURE/WORKSHOP/WEBINAR/NSS/NCC/MENTORING | | | | | | | |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | Internet of Things | IoT | Mr. G. Eswar |
| 2 | Virtual Reality and Augmented Reality | VR & AR | Prof. P. Chenna Reddy |
| 3 | **Program Elective Course-III**<br>Service Oriented Architecture | SOA | Dr. P. Radhika Raju |
| 4 | **Program Elective Course-IV**<br>Software Defined Networks | SDN | Mr. M. Vijay Kanth |
| 5 | Internet of Things Lab | IoT LAB | 1. Prof B. Lalitha<br>2. Mr. G. Eswar |
| 6 | Virtual Reality and Augmented Reality Lab | VR & AR LAB | 1. Prof. P. Chenna Reddy<br>2. Smt. D. Madhuri |
| 7 | Technical Seminar | TS | Prof. A. Ananda Rao |
| 8 | **Audit Course-II**<br>Constitution of India | AC-II | Prof. S. Vasundra |

HEAD OF THE DEPARTMENT VICE-PRINCIPAL PRINCIPAL

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR**
**COLLEGE OF ENGINEERING (*Autonomous*), ANANTAPUR**
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**
**MCA I YEAR II SEM (R20)**
**TIME TABLE**

**Academic year: 2023-24** **Commences from: 19/02/2024 To: 05/07/2024** **Branch: CSE**
**Class Room: Department** **CRC Chairman: Mr. N. Kiran Kumar**

| DAY/ PERIOD | 1 9.30-10.30 | 2 10.30-11.30 | 3 11.30-12.30 | 12.30-1.30 | 4 1.30-2.30 | 5 2.30-3.30 | 6 3.30-4.30 |
|---|---|---|---|---|---|---|---|
| MON | ←-------SE Lab--------→ | | SE | L U N C H | OOP | OOP | LIBRARY |
| TUE | CN | AI | DAA | | ←-------DAA Lab--------→ | | SE |
| WED | CN | AI | AI | | OOP | ←-------OOP Lab------→ | |
| THUR | CN | BE & SS | DAA | | SEMINAR | SE | LIBRARY |
| FRI | ←-------AI Lab--------→ | | BE & SS | | SEMINAR | DAA | LIBRARY |
| SAT | GUEST LECTURE/WORKSHOP/WEBINAR/NSS/NCC/MENTORING | | | | | | |

| S.NO | SUBJECT | ABBR | STAFF |
|---|---|---|---|
| 1 | Computer Networks | CN | Mr. N. Kiran Kumar |
| 2 | Business English and Soft skills | BE & SS | Dr. V. B. Chitra |
| 3 | Object Oriented Programming | OOP | Mr. G. Pradeep Reddy |
| 4 | Software Engineering | SE | Dr. S. Jessica Saritha |
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| 7 | Object Oriented Programming Lab | OOP Lab | 1. Prof. A. Suresh Babu<br>2. Mr. G. Pradeep Reddy<br>3. Mr. N. Kiran Kumar |
| 8 | Software Engineering Lab | SE Lab | 1. Dr. S. Jessica Saritha<br>2. Mr. K. Somasena Reddy<br>3. Smt M. Prashanthi |
| 9 | Design and Analysis of Algorithms | DAA Lab | 1. Prof. R. Raja Sekhar<br>2. Smt M. Prashanthi<br>3. Smt. D. Madhuri |
| 10 | **Program Elective-I Lab** Artificial Intelligence | AI Lab | 1. Prof. A. P. Siva Kumar<br>2. Mr. M. VijayKanth<br>3. Smt. Md. Karishma |

**HEAD OF THE DEPARTMENT** **VICE-PRINCIPAL** **PRINCIPAL**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
COLLEGE OF ENGINEERING (AUTONOMOUS) :: ANATHAPURAMU
Ananthapuramu – 515 002, Andhra Pradesh, INDIA

# ACADEMIC AUDIT

## EVALUATION SHEET

**Name of the Department:** Computer Science and Engineering

**Name of the Program:** B.Tech (CSE)
M.Tech (Comp Sci)
Master of Computer Applications (MCA)
Ph.D (CSE)

**Academic Year:** 2024-2025

**List of files audited:**

| S.No. | Name of the file |
|---|---|
| 1. | Approval Letters (AICTE, UGC, etc.) |
| 2. | NBA Letters and Reports (SARs, NBA orders, compliance reports, etc.) |
| 3. | NAAC Letters and Reports |
| 4. | NIRF Letters and Reports |
| 5. | Department Profile |
| 6. | Updating Department details in College website |
| 7. | Academic Calendars |
| 8. | Time Tables |
| 9. | Minutes of Department Meetings |
| 10. | Students Admissions |
| 11. | Nominal Rolls of the students |
| 12. | Academic Year wise Teaching Staff details along with Student-Teacher Ratio |
| 13. | Semester wise Attendance details of students |
| 14. | Methodologies Used to support slow learners and encourage advanced learners and Impact analysis |
| 15. | Conduct of Remedial Classes |
| 16. | Delivery Details of the content beyond the Syllabus, Activities organized beyond the syllabus |
| 17. | Syllabus coverage as per Course Plan |
| 18. | Maintenance of Course Diary |
| 19. | Use of ICT in Teaching learning process and details of resources used |
| 20. | Internal Exam Time Tables |
| 21. | Internal Examination Question Papers |
| 22. | Internal Examination Marks |



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| | |
|---|---|
| 23. | Semester End Exam Time Tables |
| 24. | End semester Examination Question Papers |
| 25. | End Semester Examination Results and its analysis |
| 26. | Quantity & Quality of Assignments/ Mini Projects |
| 27. | Quantity & Quality of Main Projects |
| 28. | Community Service Projects and its Evaluation |
| 29. | Short-term internships and its Evaluation |
| 30. | Full internship and its Evaluation |
| 31. | Students Laboratory Records |
| 32. | Laboratory Manuals |
| 33. | Course End Survey Reports |
| 34. | Program End Survey Reports |
| 35. | Students' Feedback on Faculty |
| 36. | Details of Graduated Students and its analysis |
| 37. | Students Performance in Competitive Exams (GATE/GRE/CAT/PGECET/etc.) |
| 38. | Higher Studies of Students |
| 39. | Placements of the students |
| 40. | Minutes of Board of Studies |
| 41. | Process used in defining Vision, Mission, PEO and PSO statements |
| 42. | CO-PO/PSO Mapping of All courses |
| 43. | CO-PO/PSO attainments and Continuous Improvement |
| 44. | Syllabus coverage of Practical classes |
| 45. | Technical Magazines and Newsletters of Department |
| 46. | Details of workshops/seminars/ Guest lectures organized and its reports |
| 47. | Learning materials and software available for the student learning |
| 48. | Lab maintenance and Safety Measures |
| 49. | Department Library Details |
| 50. | Budget & Utilization |
| 51. | Stock Registers & Equipment in Department |
| 52. | Labeling of non-consumable items |
| 53. | Entrepreneurship Development Activities |
| 54. | Faculty Profiles (CVs from Vidwan website) |
| 55. | Participation of Faculty in FDPs |
| 56. | Faculty Publications |



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| | |
|---|---|
| 57. | Faculty Patents |
| 58. | Faculty Research Projects |
| 59. | Details of Research scholars supervising/successfully supervised by Faculty |
| 60. | Awards & Achievements of the Faculty |
| 61. | Participation of Faculty in Curriculum development |
| 62. | Participation of Faculty in non-academic programs |
| 63. | Lecture Notes |
| 64. | Course Files |
| 65. | Conduct of expert lectures, industry interaction etc. for students |
| 66. | Co-curricular and extra-curricular activities for students |
| 67. | Feedback from other stakeholders such as Parents, Alumni and Industry |
| 68. | Best Practices in the Department |

**Overall Assessment:**

The CSE department has highly motivated faculty with necessary infrastructural facilities to run the programmes offered. Strengths of students are good. The curriculum is up-to-date and taken care by incorporating need based courses, skill-oriented, and value-added courses. Students are exposed to hands-on-training, participati learning. Department faculty members are keen in arranging experts' talks, workshops, seminars. Dept exhibits PO, PSO, PEO, CO and a structured mechanism to assess the outcome is under active practice. Students are provided with proper guidance to get placement. Good number of students are placed in reputed companies and considerable number of students are progressed to higher education. A structured feedback from all the stake holders is available. All the faculty members are well aware of the academic audit parameters and participated actively in the audit exercise.



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**Suggestion for improvement:**

1. Feedback from stake holders (students, teachers parents, alumni, employer), analysis, action taken report should be posted in the department web site.
2. Faculty members have demonstrated skills in obtaining patents. Faculty are encouraged to get more patents of invention. University may provide financial support for the same.
3. Department need to attract more number of full-time Research scholars.
4. Encouraged to conduct periodic review meetings to check the departmental level preparedness for accreditation and ranking exercises.

**Expert Team members Signature**

**Academic Auditor – 1**
(Name & Address)

**Academic Auditor – 2**
(Name & Address)

**Head of the Department** **Vice Principal** **Principal**



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**7.2:Academic Audit and actions taken during the period of Assessment**

**Observations made by the NBA Expert Committee:**

Audit process and implementation needs drastic improvement

**Compliance Status (Action taken by the Department) :**

Academic audits are conducted regularly, and corrective measures are implemented based on the findings to ensure continuous improvement

| Academic Audit Committee Suggestions | Action Taken Report |
|---|---|
| **Academic Year 2024-25** | |
| 1. Feedback from stakeholders (students, teachers, parents, alumni, employers), analysis, action taken report should be posted in the department website. | Feedback from various stakeholders has been collected, analyzed, and documented. The action taken reports are uploaded into website under the feedback section for transparency and easy access. |
| 2. Faculty members have demonstrated skills in obtaining patents. Faculty are encouraged to get more patents of invention. University may provide financial support for the same. | Faculty members are guided to apply for patents through regular IPR awareness programs. The department is facilitating the patent filing process and proposing financial support from university innovation and research funds. |
| 3. Department need to attract more number of full-time research scholars. | Department is admitting the full-time Ph.D scholars under AICTE Doctorial Fellowship Scheme and through stipend given by the university is per the Procs. N o. 4 27 / INT U A / Estt. / 22"a EC/ Item N o.3.3.12 / 2022 Date 15.12.2022 |
| 4. Encouraged to conduct periodic review meetings to check the departmental level preparedness for accreditation and ranking exercises. | Periodic review meetings are conducted every semester to assess accreditation readiness. Action plans are Proposed and implemented to address gaps identified during reviews. Documentation is being maintained systematically. |