## BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE

(An AUTONOMOUS INSTITUTION, APPROVED BY AICTE-NEW DELHI, PERMANENTLY AFFILIATED TO JNTUK-KAKINADA, ACCREDITED BY NAAC 'A' GRADE, 2 PROGRAMMES (CSE,EEE) ACCREDITED BY NBA ( For A.Y 2023-24 to 2025-26) Post Box: 26, Amalapuram 533201, Dr.B R Ambedkar Konaseema Dt., A.P.

## COMPUTER SCIENCE & ENGINEERING
### III-B.Tech– II Semester

| S. No | Category | Subject code | Title | L | T | P | Credits |
|---|---|---|---|---|---|---|---|
| 1 | Professional Core | 23CS6T01 | Compiler Design | 3 | 0 | 0 | 3 |
| 2 | Professional Core | 23CS6T02 | Cloud Computing | 3 | 0 | 0 | 3 |
| 3 | Professional Core | 23CS6T03 | Cryptography & Network Security | 3 | 0 | 0 | 3 |
| 4 | Professional Elective-II | 23CS6D01 | Software Testing Methodologies | 3 | 0 | 0 | 3 |
| | | 23CS6D02 | Cyber Security | | | | |
| | | 23CS6D03 | DevOps | | | | |
| | | 23CS6D04 | Machine Learning | | | | |
| | | 23CS6D05 | 12 week MOOC Swayam/NPTEL course recommended by the BoS | | | | |
| 5 | Professional Elective-III | 23CS6D06 | Software Project Management | 3 | 0 | 0 | 3 |
| | | 23CS6D07 | Mobile Adhoc Networks | | | | |
| | | 23CS6D08 | Natural Language Processing | | | | |
| | | 23CS6D09 | Big Data Analytics | | | | |
| | | 23CS6D10 | Distributed Operating System | | | | |
| | | 23CS6D11 | 12 week MOOC Swayam/NPTEL course recommended by the BoS | | | | |
| 6 | Open Elective – II | | | | | | |
| 7 | Professional Core | 23CS6L01 | Cloud Computing Lab | 0 | 0 | 3 | 1.5 |
| 8 | Professional Core | 23CS6L02 | Cryptography & Network Security Lab | 0 | 0 | 3 | 1.5 |
| 9 | Skill Enhancement course | 23SC6L04 | Soft skills // SWAYAM Plus - 21st Century Employability Skills | 0 | 1 | 2 | 2 |
| 10 | Audit Course | 23NC6T01 | Technical Paper Writing &IPR | 0 | 0 | 2 | 1 |
| | TOTAL | | | 15 | 1 | 10 | 23 |

Mandatory Industry Internship / Mini Project of 08 weeks duration during summer vacation

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| Dr.N.Rama Krishnaiah, Professor of CSE,UCEK & Control of Examination JNTUK, kakinada. | Dr.C.Krishna Mohan, Professor of CSE,IIT, Kandi, Hyderabad. | Dr.P.Radha Krishna, Professor of CSE,NIT, Warangal | Mr.Rajesh Bobburi Chief Operating Officer, HighQ Labs Private Limited, Rajahmundry | Dr.Lakshmi Haritha Medida, Associate Professor, R.M.K.Engineering College,Kavaraipettai, Tamilnadu | Dr.K.Srinivas, Professor & HoD Department of CSE, B.V.C.I.T.S, Batlapalem |