



SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE
(AUTONOMOUS)

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada)

Accredited by NAAC with 'A+' Grade

Recognised as Scientific and Industrial Research Organisation

SRKR MARG, CHINA AMIRAM, BHIMAVARAM – 534204 W.G.Dt., A.P., INDIA

Regulation: R23									
COMPUTER SCIENCE & ENGINEERING (Honors)									
COURSE STRUCTURE (With effect from 2023-24 admitted Batch onwards)									
Course Code	Course Name	Year/ Sem	Cr	L	T	P	C.I.E	S.E.E	Total Marks
B23CSH101	*MOOCS-I	III-I to IV-I	3	--	--	--	--	--	100
B23CSH201	*MOOCS-II	III-I to IV-I	3	--	--	--	--	--	100
B23CSH301	*MOOCS-III	III-I to IV-I	3	--	--	--	--	--	100
B23CSH401	*MOOCS-IV	III-I to IV-I	3	--	--	--	--	--	100
B23CSH501	*MOOCS-V	III-I to IV-I	3	--	--	--	--	--	100
B23CSH601	*MOOCS-VI	III-I to IV-I	3	--	--	--	--	--	100
TOTAL			18	--	--	--	--	--	600

*Six MOOCS courses of any **COMPUTER SCIENCE & ENGINEERING** related Program Core Courses from NPTEL/SWAYAM with a minimum duration of 12 weeks (3 Credits) courses other than the courses offered need to be taken by prior information to the concern. These courses should be completed between III Year I Semester to IV Year I Semester

COURSES OFFERED FOR HONORS IN CSE

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| 1. | Advanced R Programming for Data Analytics in Business | 12 Week 3 Credit Course, MOOCS |
| 2. | Design & Implementation of Human-Computer Interfaces | 12 Week 3 Credit Course, MOOCS |
| 3. | Computer Vision And Image Processing - Fundamentals And Applications | 12 Week 3 Credit Course, MOOCS |
| 4. | Affective Computing | 12 Week 3 Credit Course, MOOCS |
| 5. | Responsible & Safe AI Systems | 12 Week 3 Credit Course, MOOCS |
| 6. | Introduction to Large Language Models (LLMs) | 12 Week 3 Credit Course, MOOCS |
| 7. | Social Network Analysis | 12 Week 3 Credit Course, MOOCS |
| 8. | Deep Learning for Computer Vision | 12 Week 3 Credit Course, MOOCS |
| 9. | Deep Learning for Natural Language Processing | 12 Week 3 Credit Course, MOOCS |
| 10. | GPU Architecture and Programming | 12 Week 3 Credit Course, MOOCS |
| 11. | Privacy and Security in Online Social Media | 12 Week 3 Credit Course, MOOCS |
| 12. | Quantum Algorithms and Cryptography | 12 Week 3 Credit Course, MOOCS |
| 13. | Computer Vision | 12 Week 3 Credit Course, MOOCS |
| 14. | Applied Linear Algebra in AI & ML | 12 Week 3 Credit Course, MOOCS |
| 15. | Applied Time-Series Analysis | 12 Week 3 Credit Course, MOOCS |
| 16. | Parallel Computer Architecture | 12 Week 3 Credit Course, MOOCS |
| 17. | Reinforcement Learning | 12 Week 3 Credit Course, MOOCS |
| 18. | Computational Complexity | 12 Week 3 Credit Course, MOOCS |
| 19. | Cryptography and Network Security | 12 Week 3 Credit Course, MOOCS |
| 20. | Unmanned Aerial Systems & Robotics | 12 Week 3 Credit Course, MOOCS |
| 21. | Generative AI for Everyday Life | 12 Week 3 Credit Course, MOOCS |

Note:

1. The list may be updated every semester.
2. A student can do a **maximum of 2 courses** per semester.

A student must obtain **18 credits** by the **end of the VII semester** and submit the proofs at the time of **VIII semester exam registration**