

MARASU CHANDRA MOKSHITH  
Course: **B.Tech**, Electrical and Electronics Engineering-AIML 2024  
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CGPA: 7.4

ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
UG	Electrical & Electronics Engineering		GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)	7.4 CGPA	Present
CLASS XII	MPC	DEEKSHA Jr College		83.5 %	2020
CLASS X		Dr.KKR Gowtham Concept School		9.7 CGPA	2018
OBJECTIVE		To secure a challenging position in a reputable organization where I can make best of my potential by expanding my learnings, skills and knowledge while making a significant contribution to the success of the company.			
Subjects / Electives		Wireless Communication			
		Python, C, HTML, Linux			
SUMMER INTERNSHIP / WORK EXPERIENCE					
Research on WIFI-IEEE802-11 a/g/p Trans receiver using USRP					
PROJECTS					
<b><u>gr-IEEE 802.11 a/g/p Trans receiver, WIFI, OFDM:</u></b>					
<b>Hardware Selection:</b> The first step was selecting the right hardware components. This included choosing a suitable RF front-end module capable of operating in the 2.4 GHz and 5 GHz bands. Key components included:					
<ul style="list-style-type: none"><li>RF Transceiver Chip: Selected for its compatibility with 802.11 standards.</li><li>Microcontroller/FPGA: Used for signal processing and control.</li><li>Antenna: Designed to handle dual-band communication.</li></ul>					
<b>Design and Assembly:</b> Next, the circuit design was created, ensuring proper layout for signal integrity and minimal interference. PCB design tools were utilized to map out the connections and ensure efficient layout. Once the PCBs were fabricated, components were carefully soldered onto the board.					
<div>➔ Building the IEEE 802.11 a/g/p transceiver was a complex project that required a deep understanding of wireless communication principles, meticulous hardware design, and robust software development. The experience was invaluable, providing practical insights into RF design, signal processing, and embedded systems development. The end result was a fully functional transceiver capable of reliable Wi-Fi communication across different modes, ready for integration into larger networking solutions.</div>					
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SOFT SKILLS					
Public speaking Listening Interpersonal Communication					

Decision-making Team work	
EXTRA CURRICULAR ACTIVITIES	
Served as a Class Representative	
AWARDS AND RECOGNITIONS	
I won a gold medal NSO examination. I won a bronze medal in IMO examination.	
CERTIFICATIONS	
CERTIFICATION	CERTIFYING AUTHORITY
AI-ML Virtual Internship	AICTE
Research On IEEE802-11	Multidisciplinary Unit Of Research On Translational Initiatives(MURTI),NextGen Connectivity
PERSONAL INFORMATION	
DOB: Marital Status: Unmarried Nationality: Indian	
LANGUAGES KNOWN	
English Telugu	
DECLARATION	
I hereby declare that all the information given above is true and correct to the best of my knowledge. MARASU CHANDRA MOKSHITH	

