



RAJ SHEKHAR

B.TECH - ELECTRONICS ENGINEERING

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

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[Github](#) | [LinkedIn](#)

PROJECTS

- **A 4 Parameter Wireless Fading Model:** (ongoing) investigating novel ways to minimise path loss components and effects of Rayleigh fading in NLOS wireless communication using the 4 parameter wireless fading model
- **Farm Automation:** Automating the irrigation of the farm, alarm system for adverse weather, a season specific crop database using Arduino, NodeMCU and Sensors (LDRs, DHT11)

SKILLS

- **Programming:** C, C++, Java, Python, MATLAB

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. EC	Rajiv Gandhi Institute of Petroleum Technology	7.02 (Current)	2022-Present
Class 12	St. Xavier's School, ISC Board	83%	2020-2022

KEY COURSES TAKEN

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- **Programming:** Algorithms, Data Structures, Object Oriented Programming, Web Programming

POSITIONS OF RESPONSIBILITY

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- **Team Member, IEEE RGIPT** *Mar 2022-Dec 2023*
 - **Tutor, GYANARPAN(ENGLISH CLASS 10)** *Jun2023-Nov2023*

COMPETITIONS:

- Participated in Technoxian World Robotics Competition(2023) MAZE SOLVER