

S.No.	Student Name	RTU Roll No.	Branch	Current Semester	Company/Organization Name and Location	A brief description of the internship
1	Aagam Jain	22ESKEC001	ECE	VII	Adani Airport Holdings Ltd, JAIPUR	During my Internship, I gained valuable insights into various aspects of airport operations. I learned about Air Traffic Control (ATC), Communication, Navigation & Surveillance (CNS) systems, and the Engineering & Maintenance (E&M) department, which plays a vital role in ensuring smooth airport operations. I also explored key areas such as the Baggage Handling System (BHS), Instrument Landing System (ILS), Solar Power Systems, Constant Current Regulator (CCR), and the Source of Electricity that powers the airport.
2	Akshita Jain	22ESKEC010	ECE	VII	AAI, Jaipur	During my internship at Airports Authority of India(AAI), I gained hands-on experience in airport operations and management at the ATC Division. I observed closely with experienced professionals, learning about the intricacies of air traffic control and airport administration. This internship helped me develop valuable skills in teamwork, communication, and problem-solving, and deepened my understanding of the aviation industry.
3	Harshita Ne	22ESKEC042	ECE	VII	Adani Airport Holdings Ltd, Navi Mumbai	Air Traffic Control (ATC) is a service provided by ground-based controllers who coordinate and direct aircraft on the ground and in the air, ensuring safe distances between planes, efficient flight routes, and minimizing delays
4	Raghav Sha	22ESKEC068	ECE	VII	Celebal Technologies, Jaipur	I completed an 8-week internship at Celebal Technologies in the React JS domain through a structured LMS-based learning program. The portal included daily learning modules and weekly project assignments, which were submitted every Sunday through GitHub repository links. Throughout the internship, I learned the fundamentals and advanced concepts of React JS
5	Sahil Bohra	22ESKEC075	ECE	VII	Celebal Technologies, Jaipur	I successfully completed an 8-week internship at Celebal Technologies in the Data Science domain through a structured LMS-based learning program. The internship portal provided daily learning modules and weekly project assignments, which I submitted every Sunday via GitHub repository links. Throughout the program, I gained a comprehensive understanding of Python, starting from core fundamentals to advanced concepts. I developed proficiency in object-oriented programming, regular expressions, file handling, and exception management, and further explored multithreading and multitasking for concurrent execution. Additionally, I worked extensively with a wide range of Python libraries essential for data science and web development, including Flask for web applications, OpenCV for image processing, and NumPy, Pandas, Matplotlib, Seaborn
6	Tisha Saini	22ESKEC091	ECE	VII	Adani Airport Holdings Ltd, JAIPUR	I completed my industrial training at Jaipur International Airport, gaining practical exposure to the technical and operational aspects of airport systems. During this training, I learned about key systems including the Baggage Handling System (BHS), Airfield Ground Lighting (AGL), Central Control Room (CCR), and Airport Operations Control Center (AOCC).

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7	Ridhi Gandhi	22ESKEC071	ECE	VII	Celebal Technologies, Jaipur	I successfully completed an 8-week internship at Celebal Technologies in the React JS domain through a structured LMS-based learning program. The portal offered daily learning modules that covered a wide range of essential topics in React development. I gained hands-on experience working with both functional and class-based React components, and developed a strong understanding of props and state management for dynamic UI behavior. The program also emphasized efficient DOM manipulation and introduced key React hooks such as useEffect, useState, useContext, and useReducer, which I used to manage side effects, component state, context sharing, and complex state logic. This immersive experience significantly enhanced my proficiency in building responsive and maintainable React applications.
8	Aayush Jha	23ESKEC002	ECE	V	Advanced Systems Laboratory (ASL), Hyderabad	I have completed my summer internship from DRDO-ASL. During my internship, I worked on an FPGA-based embedded system project focused on real-time UART communication using the Xilinx Zynq-7000 SoC (ZC7020) on the ZedBoard. The project involved developing a custom UART interface for bidirectional data transmission between the Processing System (PS) and Programmable Logic (PL) using RS-422 protocol. I implemented the UART modules in Verilog (PL) and integrated them with bare-metal C code (PS) through AXI4-Lite interfacing in Vivado and Vitis environments. The work emphasized reliable serial communication, FIFO buffering, and hardware-software co-design, providing practical experience in FPGA design, embedded C programming, and system-level testing.
9	Aditi Tripathi	23ESKEC005	ECE	V	CG Power and Industrial Solutions Limited	I successfully completed a 60-day internship at Crompton Greaves Power and Industrial Solutions Limited, a renowned leader in the field of electrical and industrial engineering. During this period, I worked in the Firmware Development Department, where I gained hands-on experience in microcontroller-based system design and embedded programming. My responsibilities involved developing firmware using STM32 microcontrollers, utilizing the STM32CubeIDE software tool, and working with various hardware peripherals such as timers, PWM (Pulse Width Modulation) signals, and I2C (Inter-Integrated Circuit) communication protocols. A key project I contributed to was the design and testing of a Frequency Multiplier for signal measurement applications, which deepened my understanding of embedded systems and real-time signal processing. This internship significantly
10	Gaurav Singh	23ESKEC035	ECE	V	Genus power infrastructure limited, Jaipur	During my training I worked on project titled “ study of smart meters and its concepts “. The internship helped me understand the working principles, design, and implementation of smart metering systems, and also communication between meters and discom . It also provided valuable exposure to real-world industrial practices, enhancing my technical knowledge and professional skills.
11	Mayank Sharma	23ESKEC055	ECE	V	Delhi Metro Rail Corporation, New Delhi	During my internship at the IT division of Delhi Metro Rail Corporation, I developed an AI/ML-powered HR query assistant leveraging LangChain, ChromaDB, and BGE embeddings to automate employee policy query resolution. My work involved building a custom RAG pipeline with semantic chunking, summarization, and Q/A generation modules integrated with a hosted LLM for real-time use. I also contributed to dataset generation, model optimization, and cross-functional collaboration with the HR and IT teams to refine and deploy the system effectively.
12	Prakhar Jain	23ESKEC067	ECE	V	INDIA SPACE LAB, Ahamdabad	The internship covered sessions on Drone Technology, CubeSat, Rocketry, Remote Sensing, Space Astronomy, Space Entrepreneurship, and Disaster Management.