



**K.R. MANGALAM UNIVERSITY**  
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### **National Institute of Technology - Hamirpur**

Three-week internships at the National Institute of Technology (NIT) Hamirpur for engineering students. These internships offer valuable exposure to advanced research and development projects, allowing students to gain practical experience and insights into innovative technologies under the guidance of NIT Hamirpur's esteemed faculty.

### **Overview**

NIT Hamirpur organized a comprehensive summer internship program aimed at providing engineering students hands-on exposure to advanced research and development (R&D) projects under the guidance of expert faculty members. The internships were designed to enhance practical knowledge, innovation skills, and industry readiness.

### **Duration and Eligibility**

- Duration: Three weeks (July to August 2024).
- Eligibility: Students pursuing B.Tech/B.E., M.Tech/M.Sc., and equivalent degrees from reputed institutions with a minimum CGPA of 6.
- Number of Interns: Approximately 50 students were selected for the internship.

### **Internship Structure**

- Students were attached to various academic departments and research centers within NIT Hamirpur.
- Each intern was assigned to specific projects defined by faculty mentors, often aligned with cutting-edge areas such as AI, machine learning, wireless networks, material science, chemical engineering, civil engineering, and more.
- Interns were expected to submit a brief research proposal indicating their area of interest during application.

### **Key Features**



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- Guided Research: Every participant received mentorship from experienced faculty to foster independent problem-solving and research skills.
- Project Diversity: The program encompassed a broad range of projects, including experimental work, simulations, design, and development related to contemporary engineering challenges.
- Collaborative Learning: Interaction and collaboration among interns and with faculty promoted a rich academic environment.
- Evaluation: Performance was assessed based on project execution, innovation, and the ability to deliver outcomes within the stipulated time.

### Outcomes and Impact

- The internships significantly contributed to student skill upgradation, particularly in R&D methodologies and practical technology implementation.
- Enhanced the institute's academic-industry linkage by fostering a culture of research and innovation.
- Prepared students for higher academic pursuits and careers in research, technology, and engineering industries.

### Conclusion

The summer internship program at NIT Hamirpur in 2024 was a well-structured initiative that successfully bridged the gap between theoretical knowledge and practical experience. The program played a vital role in nurturing research excellence and industry-relevant skills among aspiring engineers, reinforcing academic-industry collaboration.



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*Students of K.R. Mangalam University at the National Institute of Technology Hamirpur during the 2024 Summer Internship Programme.*



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[ भारत सरकार शिक्षा मंत्रालय के तहत एक राष्ट्रीय महत्व का संस्थान ]  
**NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR**  
HAMIRPUR (H.P.) - 177 005 (INDIA)  
[An Institute of National Importance under Ministry of Education (Shiksha Mantralaya)]

प्रशिक्षण एवं नियुक्ति कार्यालय  
{OFFICE OF TRAINING & PLACEMENT}

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**TRAINING / INTERNSHIP CERTIFICATE**

This is to certify that Mr./Ms. **AARANYA THAKUR** student of **KR Mangalam University, Gurgaon** successfully completed training/internship from the Department/Centre of **Computer Science & Engineering** of **National Institute of Technology, Hamirpur (H.P.)** w.e.f. **01 July, 2024 to 24 July, 2024.**

  
**FI (Training)**  
**NIT Hamirpur (H.P.)**  
Faculty Incharge (Training)  
NIT Hamirpur (H.P.)  
संकाय प्रभारी (प्रशिक्षण)  
राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर

*Certificate of completion awarded to Ms. Aaranya Thakur for successful participation in the NIT Hamirpur Summer Internship 2024.*





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**TRAINING / INTERNSHIP CERTIFICATE**

This is to certify that Mr./Ms. **VINEET RAVISH** student of **KR Mangalam University, Gurgaon** successfully completed training/internship from the Department/Centre of **Computer Science & Engineering** of **National Institute of Technology, Hamirpur (H.P.)** w.e.f. **01 July, 2024 to 24 July, 2024.**

  
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राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर

*Certificate of completion awarded to Mr. Vineet Ravish for the NIT Hamirpur Summer Internship 2024.*



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*Certificate of completion awarded to Mr. Sumit Kumar for the NIT Hamirpur Summer Internship 2024.*