

# भारतीय प्रौद्योगिकी संस्थान हैदराबाद

अभिषद की अनुशंसा पर सभी निर्धारित अपेक्षाओं को पूरा करने तथा दि. 16 फरवरी, 2023 को शोध-प्रबंध, शीर्षक:

फर्स्ट प्रिंसिपल्स कैलक्युलेशंस ऑफ़ इंटरमेताल्लिक हेस्लर और ए-15 कंपाउंड्स के सफल पक्षपोषण के उपरांत:

### विद्या वाचस्पति

की उपाधि

## पचिनीला रामबाबू

को अपने सभी अधिकारों, विशेषाधिकारों तथा उत्तरदायित्वों के साथ एतद्वारा प्रदान करता है। दिनांक पंद्रह जुलाई दो हजार तेईस को संस्थान की मुद्रा अंकित यह उपाधि दी गई।

# **Indian Institute of Technology Hyderabad**

Upon the recommendation of the Senate, hereby confers the degree of

### **Doctor of Philosophy**

for fulfilling all prescribed requirements for the degree and successfully defending the thesis on 16 February, 2023, titled:

First Principles Calculations of Intermetallic Heusler and A-15 Compounds

on

## Pachineela Rambabu

with all its rights, privileges, and responsibilities.
Granted under the seal of the Institute on
the Fifteenth day of July,
Two Thousand and Twenty Three.

कुलसचिव Registrar निदेशक Director अध्यक्ष, अभिशासक परिषद Chairman, Board of Governors





# INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD



Kandi, Sangareddy - 502 284. Telangana, INDIA

# DOCTOR OF PHILOSOPHY PHYSICS

### CONSOLIDATED GRADE REPORT

Name: Pachineela Rambabu Roll No.: PH17RESCH01004 Year of Study: 2017-2023

Course No.	Course Name	Grade	Credits	
MS4020	Research Methodology	Α-	1.00	
PH6148	Advanced Solid State Physics	A+	2.00	
PH6168	Spintronics	A-	2.00	
PH6218	Electrodynamics	A-	2.00	
PH7090	Computational Techniques	В	3.00	

Cumulative Grade Point Average (CGPA) out of 10:8.90
Total Credits Earned: 10.00

Additional Courses								
Course No.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Course Name		Grade	Credits			
CI101	Cl <mark>ean India</mark>			S	1.00			

#### **Grading System**

Grade	A+	Α	Α-	В	В-	C	C-	D	AU	S	U	F
Points	10	10	9	8	7	6	5	4	0	0	0	0

Note: A+ (Outstanding Performance in the Course, typically in the top 2% of the Class), AU (Audit), S (Satisfactory), U (Unsatisfactory), F (Fail).

Al: Artificial Intelligence, BM: Biomedical Engineering, BO: Biotechnology, CC: Climate Change, CH: Chemical Engineering, CE: Civil Engineering, CS: Computer Science & Engineering, CY: Chemistry, DS: Design, EE: Electrical Engineering, LA: Liberal Arts, MA: Mathematics, ME: Mechanical Engineering, MS: Materials Science and Metallurgical Engineering, PH: Physics, FC xxxx: Fractional Credit Course [0.5 credit (7hours), 1 credit (14 hours), 1.5 credits (21 hours), etc.]

#### The Institute Awards No Rank or Class

Prepared By: ....

Checked By:

Date of issue: 30.06.2023

Deputy Registrar (Academics)

उप कुलसचिव / Deputy Registrar भारतीय प्रौद्योगिकी संस्थान हैदराबाद Indian Institute of Technology Hyderabad