INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING (IIITD&M) KANCHEEPURAM

Results - (JUL-NOV 2023)
Degree: -

Name: GOLLALA VIVEK VARDHAN REDDY   **Semester: 3**   **Roll No.: CS22B1097**

Course	Title	Cat	Cr	Gr
MA1002	LINEAR ALGEBRA	SEC	4	
CS2000	OBJECT ORIENTED PROGRAMMING	PCC	4	
CS2001	DIGITAL SYSTEM DESIGN	PCC	4	A
CS2002	DESIGN AND ANALYSIS OF ALGORITHMS	PCC	4	B
CS2003	DIGITAL SYSTEM DESIGN PRACTICE	PCC	2	S
CS2004	DESIGN AND ANALYSIS OF ALGORITHMS PRACTICE	PCC	2	A
DS2000	SYSTEMS THINKING FOR DESIGN	DSC	3	S
NC2000	INDIAN CONSTITUTION, ESSENCE OF INDIAN TRADITIONAL KNOWLEDGE	NC	0	H

Semester-wise Grade Summary								
Semester	**I**	**II**	**III**	**IV**	**V**	**VI**	**VII**	**VIII**
GPA	9.14	8.68	8.52	-	-	-	-	-
CGPA	9.14	8.91	8.79	-	-	-	-	-

Credit System (Cr)

Grade Points

Grade	Points
S	10
A	9
B	8
C	7
D	6
E	4
U	0
W,I	0
H,L	0

U -	Failure in the course
W -	Failure due to insufficient attendance in course
I -	Incomplete
H -	Complete (P/F Courses)
L -	Incomplete (P/F Courses)

Category (Cat)

BSC	Basic Science Courses
BEC	Basic Engineering Courses
PEC	Professional Engineering Courses
HMC	Humanities & Management Courses
PCD	Professional Career Development
DES	Design Courses

Disclaimer : The results published in the website are for immediate information for the students. These cannot be treated as original Mark Sheets. Original Mark Sheets will be issued by the Academic cell separately

Indian Institute of Information Technology Design and Manufacturing (IIITDM) Kancheepuram
Chennai - 600127

Student

GOLLALA VIVEK VARDHAN REDDY

B.Tech CSE

CS22B1097

Issuing Authority

An Institution of National Importance under MoE, Government of India

Indian Institute of Information Technology Design and Manufacturing (IIITDM) Kancheepuram
Chennai - 600127

Student

GOLLALA VIVEK VARDHAN REDDY

B.Tech CSE

CS22B1097

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F.No./IIITDM/B.Tech./ CS22B1097

28/02/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. /Ms. GOLLALA VIVEK VARDHAN REDDY, Roll No. CS22B1097** is studying in the third year of B.Tech. Computer Science and Engineering programme at Indian Institute of Information Technology, Design, and Manufacturing (IIITD&M), Kancheepuram. His/ her CGPA is 8.79 up to 3rd semester and the student has secured the 21st Rank in the respective branch out of 95 students.

This Institute has no objection to his/ her application for the Summer Undergraduate Research Exposure (SURE) internship at IIT Hyderabad during the summer vacation from May to July 2024.

In the event of his/her selection for the Internship at IIT Hyderabad, the student will bear the expenses without any financial commitment to the Institute.

Joint Registrar (Acad.)

R.GUNASEKARAN
Joint Registrar (Academics)
Indian Institute of Information Technology
Design and Manufacturing, Kancheepuram
Chennai- 600 127.

VIVEK VARDHAN REDDY

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SKILLS SUMMARY / PROFILE

- Blend of data analytics, programming, and web development expertise with significant experience in task optimization and data processing.
- Proficient in Python and experienced in multiple other programming languages, complemented by hands-on experience with AI tools like PyTorch.
- Equipped with a solid foundation in data manipulation, visualization, and statistical analysis, coupled with a keen eye for user interface design and development.
- An adept tutor in programming, known for translating complex technical topics into actionable insights, and skilled in visual data presentation.

EDUCATION

2024 (Feb)	Computer Science and Engineering	IIITDM Kanchepuram	8.9/10
2022	Mathematics Physics and Chemistry	Narayana institutions	92%

SKILLS

Programming & Scripting Languages: Python, R, SQL, MATLAB, JavaScript, C,C++

Data Analysis & Visualization: Pandas, NumPY **|** Power BI, Matplotlib

Web Development: HTML, CSS, jQuery **|** Django, NodeJS

Machine Learning & Cloud : PyTorch.

CAD & Analysis Tools: AutoCAD

Design Tools: Illustrator, Indesign, Photoshop

Other Technical Proficiencies : Version Control (Git, GitHub), MS Office, Flutter.

Specialized Certifications: Information Design,Data analysis & Creative Visualization, Project Management (Accenture), Internet of Things (Infosys springboard).

EXPERIENCE

Project Contributor , Prof. KrishnaPriya, IIITDM Kanchepuram, Fall 2023
- Project focuses on the development of a mobile application designed to facilitate electric vehicle (EV) owners in finding charging stations conveniently.
- I played a pivotal role in crafting the frontend interface of the EV charger locator application. Leveraging my expertise in frontend technologies and user interface design

Key Skills: HTML , CSS , Javascript , React, Flutter.

Subject Expert , Summer 2021 − Present
- Worked with Chegg.pvt , an American education technology company.
- Instructed a diverse range of students, from middle school to professionals in Mathematics by solving their problems as a Mathematics Expert at Chegg.
- Specialized in teaching **Python programming**, emphasizing its applications in **Analysis Mathematics** , and **web development**.

Key Skills: Python Programming, Instruction & Mentorship, Curriculum Development

Student Cord , Centre of Excellence for Autonomous Vehicle Research , IIITDM kanchepuram , India, Aug 2022 − May 2022
- Collaborated on research initiatives analysing sensor data of Autonomous Vehicles, partnering with VIT.
- Managed a significant research budget of Rs 5,00,000 ensuring effective allocation towards data-centric projects.
- Utilized the technothon workshop for advanced data processing and analysis tasks.
- Collected and meticulously analysed **Lidar data** from vehicles, focusing on determining optimal sensor placements and enhancing data accuracy.

Key Skills: Collaborative Research, Budget Management, Data Analysis (Lidar data), Advanced Data Processing

Internship Trainee ,Accenture Spon. Forage , USA (remote).   May 2022 – July 2022
- Collaborated closely with seasoned industry professionals in the dynamic field of data science.
- Gained practical insights into the functioning of ***credit approval systems*** through active involvement in a challenging project.
- Contributed to profitability enhancement efforts by conducting extensive research and analysis to ***Usage of reaction texts social media*** for a prominent data analysis company based on application specifications.

__Key Skills:__ Business Analysis, Visual representaion of data, Data-Driven Decision Making , making Dashboards.

PROJECTS

Course Projects:

Travel Plan (Data Structures)	• Implemented graph data structure to represent locations and their connections, enabling efficient route planning and traversal. • Implemented algorithms to dynamically add, remove, and rearrange destinations, providing users with flexibility and ease in managing their travel schedules.
Snake game (OOPS)	• Utilized object-oriented design to create separate classes for the snake, food, and game board, facilitating modularity and code organization. • Employed inheritance and encapsulation for reusable and maintainable code.
Car Waiting Meter (Assembly)	• Monitor parking duration, alerting drivers when their allocated time expires. • By providing timely signals, optimizing space utilization and improving customer experience.
Online Examination System (DBMS)	• Created SQL-based Online Exam System for streamlined data management. • Implemented SQL queries to manage exam creation, student registration and result generation, ensuring smooth examination processes.
Online Voting System (DSA)	• Developed an Online Voting System leveraging Data Structures and Algorithms to securely store candidate information and conduct vote tallying. • Employed DSA principles to ensure scalability and integrity of the voting process enhancing the reliability and efficiency of digital elections.

Personal Projects:

Sentiment Analysis on Movie Reviews:	• Developed a model to classify movie reviews as positive or negative using natural language processing techniques, achieving 85% accuracy.
BudgetIn Software	• Designed budgeting software with **Python backend** and web for interface • Targeted young individuals for effective financial management
Free Slot identifier	• Made a Software which tells faculties their free slot of the day.
Timetable Sorter	• Developed **Django** application with **PostgreSQL**, a tool for sorting timetables
Music Recommendation System:	• Sources: Online music streaming platforms like Spotify, Last.fm, or user-generated datasets available on platforms like Kaggle.
Myportfolio	• Developed a personal portfolio website showcasing my projects, skills, and experiences.
Quick Gmail	• Developed **web extension** for enhancing Gmail functionality such as quick swap.
To do List Links	• Chrome Extension to Save the website link which we want to visit later.
Handwritten Digit Recognition:	• Created a convolutional neural network (CNN) model to recognize handwritten digits with 98% accuracy on the MNIST dataset.
Web Design	• Created websites for finance, print works, event management and Interior design sectors

ACHIEVEMENTS / EXTRACURRICULARS

- **Co-ordinator** for Vashisht '2023 Tech fest of IIITDM
- Secured **1st place** in Chemathon 3.0 for the Design of a specific water treatment plant.
- Certified as **Six Sigma Green Belt** by World Class Manufacturing.
- **Coordinator** for Samgatha 2023 , one of the top 10 College Cultural fest in India.
- Designed a T-shirt for ERIDE (Empowering Rural India with Digital Education) NGO.
- Served in National Cadet Corps (**NCC**), Received Best Junior Cadet Recommendation letter from Troop Commander, 2015
- Youngest to compete in Dr. APJ Abdul Kalam Regional **Science Fair** (Space Domain, 2012)
- Awarded 6 Merit Certificates over 12 years of schooling for exemplary behavior and character traits.
- Achieved a Rank 20 out of 156 students after 3rd Semester .