



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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Level-2

Training and Development Activities



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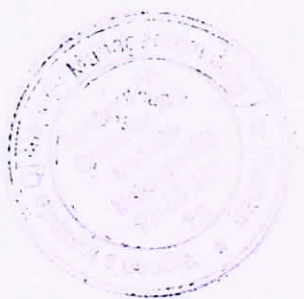
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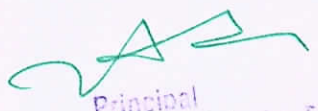
Training and Development Activities for Second Year

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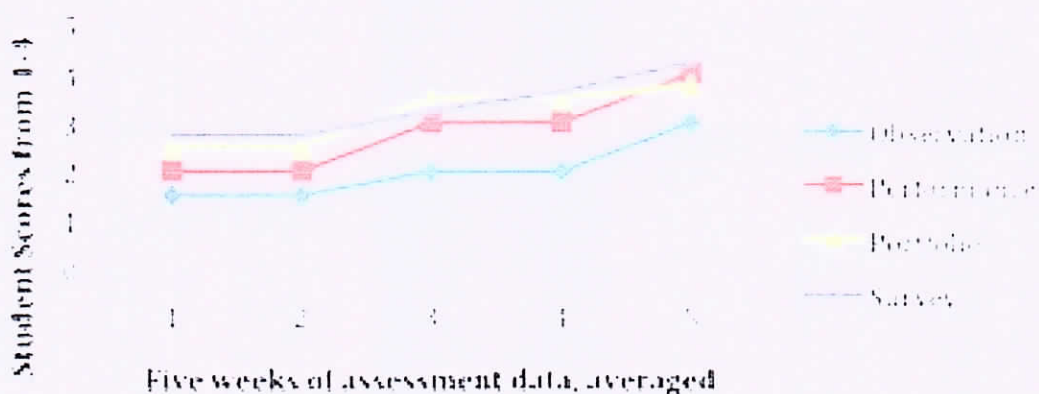
Essentials of Competitive Programming:

This is a well-researched course worked with companies like Genpact & Wipro by instructors of Vignan Group for Competitive Coders. The course is divided like

- ✓ Mathematics
- ✓ Number Theory
- ✓ Inclusion-Exclusion
- ✓ Arrays
- ✓ String Manipulations and Even

Many top companies like Genpact, TCS, Wipro, CGI, HCL, Amazon, etc. encourage Competitive Programming and conduct coding competitions to recruit smart and problem-solving individuals. As a result, this subject is required of all second-year students because it helps with building a firm understanding of fundamental ideas. Students are directed through online coding challenges by solving practise problems.

Chart 3: Comparison of Scores on Four Different types of Assessments



Sample assessment analysis of students



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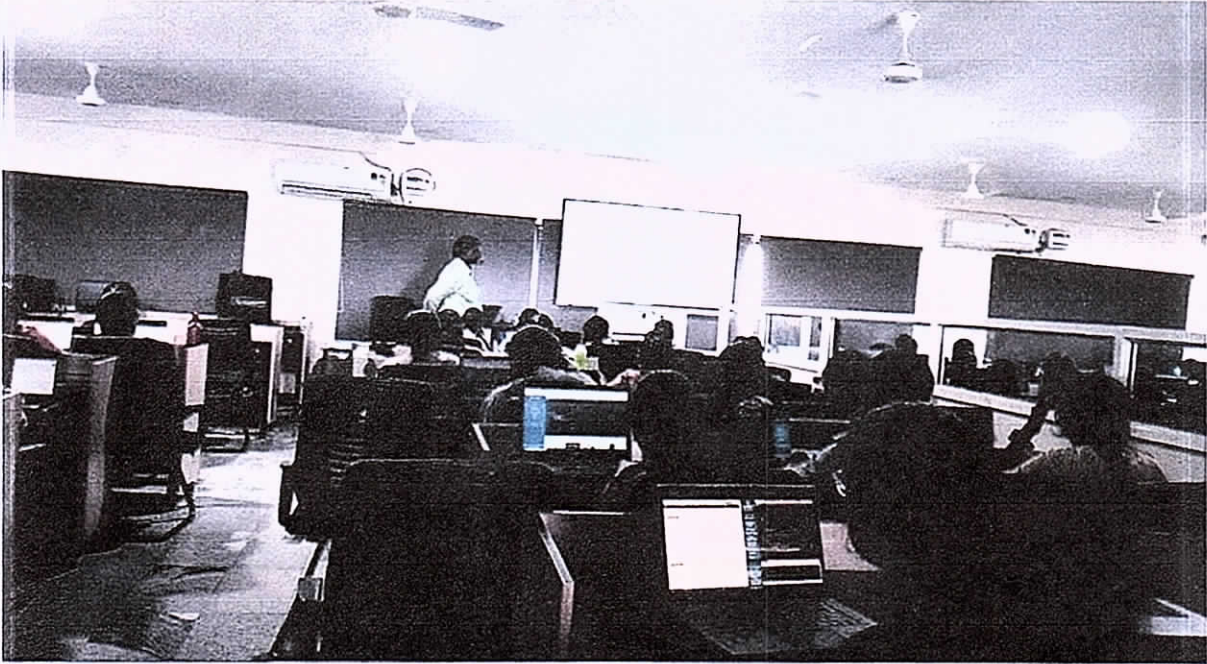
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Training by In-House faculty:

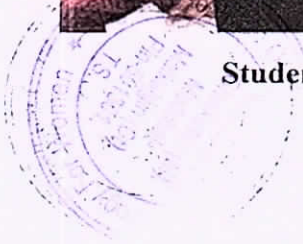
To improve their skills, each student in the second year will participate in 20 hours of technical and non-technical service-oriented courses.

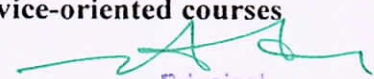


Student's participation in technical service-oriented courses



Student's participation in non-technical service-oriented courses




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Career enhancement technical skill programs Program curriculum

S.No.	Topic
1.	Basics of Programming, Time Complexity
2.	Basics of Programming. Time Complexity II
3.	Arrays, Strings, Sorting
4.	Binary Search, Stacks, Queues
5.	BST, STL, Graphs, Greedy Algorithms



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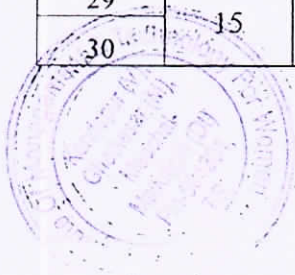
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Career enhancement technical skill programs curriculum:

S.No	Day	Course title	Topic	
1	1	STRUCTURES AND UNIONS	Introduction To Structures	
2			Declaring A Structure	
3	2		Structures With Arrays	
4			Structures With Function,	
5	3		Nested Structures	
6			Introduction Union To Union	
7	4		Declaring Union	
8			Difference Between	
9	5		DMA	Dynamic Memory Allocation-Mallow(),
10				Callow (), Free ()
11	6	DATA STRUCTURES	Introduction To Data Structures	
12			Linked List	
13	7		Stacks	
14			Queues	
15	8		Searching & Sorting	
16			Trees & Graphs	
17	9		OOPS	Introduction To Java
18				History, Features Of Java
19	10	Advantages Of Oop, Class & Object		
20		Encapsulation, Constructors		
21	11	This & Static Keywords		
22		Abstraction, Relations, Types Of Classes		
23	12	Inheritance, Super & Final Keywords, Type Casting		
24		Polymorphism, Exception Handling		
25	13	DBMS		Sql, Mysql
26				Rdbms, Queries
27	14			Integrity Constraints, Index
28			Views, Normalization & Joins	
29	15		2 Case Studies	
30		Assignment		




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Career enhancement technical skill program schedule for Second Year students:

S.No.	Day	Batch No.	Department	Timings	Venue
01	Mon-Tue	Batch-1	CSE	4.00 PM to 5.30 PM	Computer Center-2
02	Wed-Thu	Batch-2	ECE	4.00 PM to 5.30 PM	
03	Fri-Sat	Batch-3	IT& AIML	4.00 PM to 5.30 PM	



Satish Srinivas
Training Placement Officer

Adh

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Second Year Career enhancement technical skill programs Coordinators List:

S.No.	Name of The Coordinator	Department	Mobile
1.	Dr. M.Vishuvaradhan Rao	CSE	9010256237
2.	Mr. E.Nagaraju	ECE	9925875895
3.	Mr.K.Helini	IT & AIML	9532586859

Faculty List:

S.No.	Name of The Faculty	Department	Mobile
1.	Mrs. G.Swathi	CSE	7750432377
2.	Mr. Vijay kumar		9000216460
3.	Mr Suresh		9666068998
4.	Mrs. Rajeswari nutakki	ECE	8500189182
5.	Mr.G. Ganesh Reddy		9640589546
6.	Mr.B. Mahesh		9440021364
7.	Mrs. Ch. Mounika	IT &AIML	9949250386
8.	Mrs. G. Ramya		8946025422
9.	Mr. J. Ranjith		9849335641



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REPORT

Career enhancement technical skill programs was conducted for II-B.Tech students in I-Sem and II-Sem

TRAINING TEAM:

The members of training team were Mr. Bharath, Mr. Manish, Ms. Uma, Mr. Dimbu and Mr. Revanth

OBJECTIVE:

To improve logical thinking and programming skills.

DAY 1-2: Problems on:

- Declaring a Structure, Structures with Arrays
- Structures with Function Nested Structures
- Introduction Union to Union, Declaring Union
- Dynamic Memory Allocation-mallow

DAY 3: Problems on:

- Introduction To Data Structures
- Linked List, Clocks Stacks, Trees & Graphs
- Searching & Sorting

DAY 4-5: Problems on:

- Introduction to Java, History, Features of Java
- Advantages of Oop, Class & Object, Encapsulation, Constructors
- Abstraction, Relations, Types of Classes, Inheritance, super & final Keywords, Type casting

DAY 6: Problems on:

- SQL, MYSQL, RDBMS, Queries
- Integrity constraints, index, Views, Normalization & Joins

OUTCOMES:

- ✓ Solve the problems of aptitude in ameticulous way.
- ✓ CRT Training has also improved the programming skills



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Community Service Projects:

The aim of the community service projects at VMTW College is to make the students more aware of the living conditions of those around them. The following areas have been selected by the students:

- Farming and Agriculture
- Help to poor people
- Irrigation
- Health
- Water facilities



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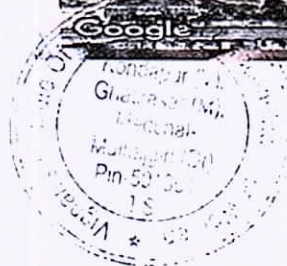
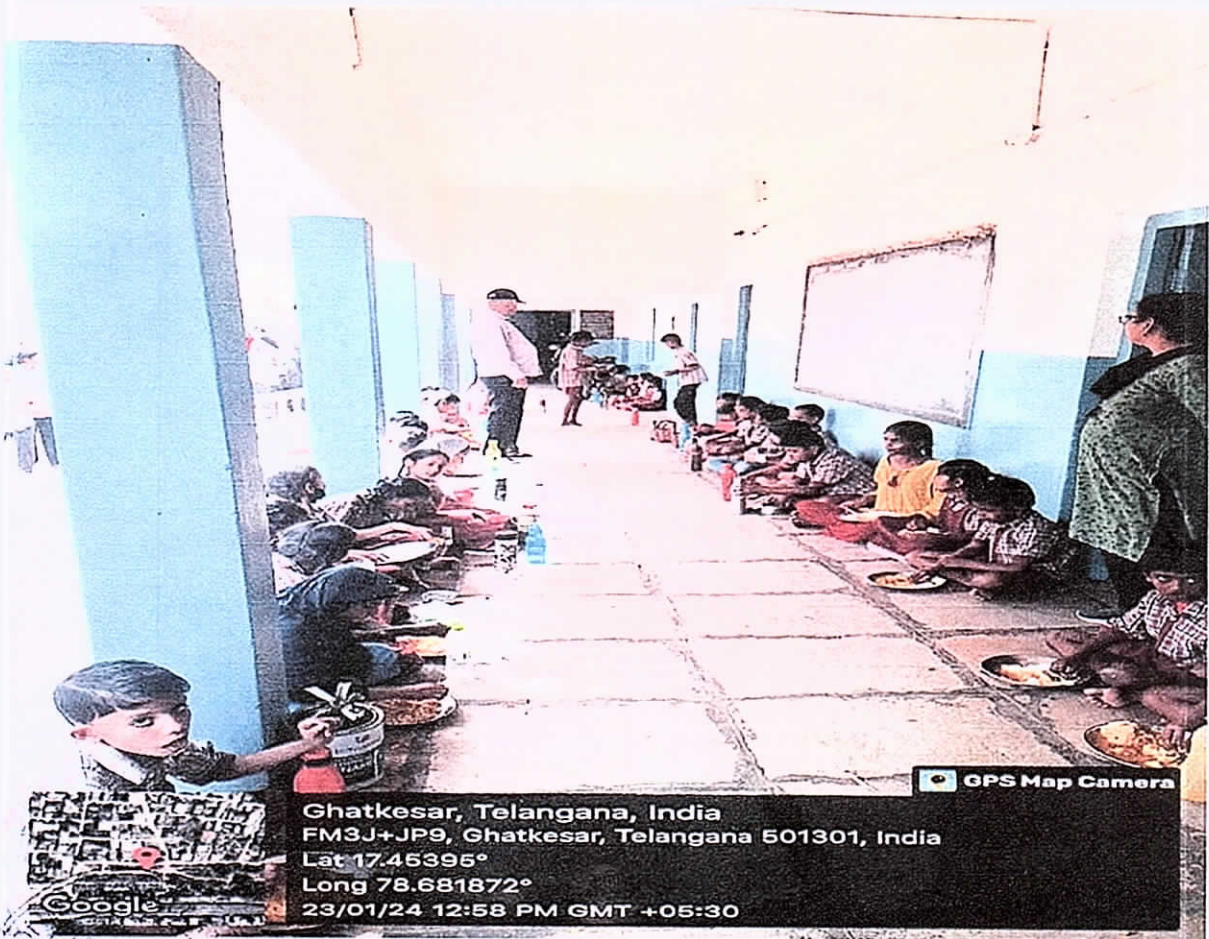
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Students working on Farming and Agriculture



Ghatkesar, Telangana, India
FM3J+JP9, Ghatkesar, Telangana 501301, India
Lat 17.46396°
Long 78.681872°
23/01/24 12:58 PM GMT +05:30

Students working on help to poor people

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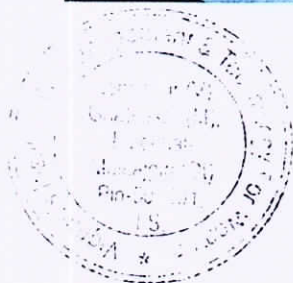
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Student's participation in blood donation camp



Student's participation in blood donation camp



[Handwritten Signature]
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