VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN
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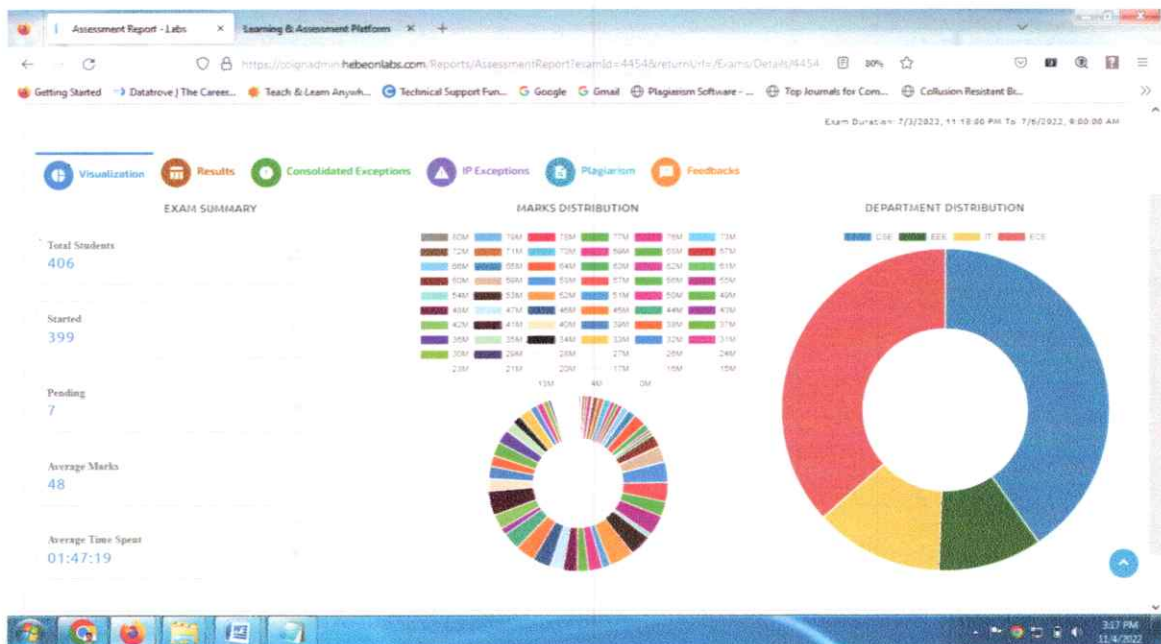## Details of Training and Development Activities in the Second Year

Essentials of Competitive Programming

This is a well-researched course worked with companies like Google & Scaler by instructors of Vignan Group for Competitive Coders. The course is divided into 5 modules and 50 sections covering topics like Mathematics, Number Theory, Bitmasking, Inclusion-Exclusion, Recusion, Arrays, String Manipulations and even more.

Many top companies like Google, Facebook, Amazon, Directi, CodeNation, Goldman Sachs etc encourage Competitive Programming and conduct coding competitions to hire smart people who can solve problems. So, this course is instructed to all second year students as it help to get a solid grip of fundamental concepts. The practice questions sails students through online coding challenges and code-athons with ease.

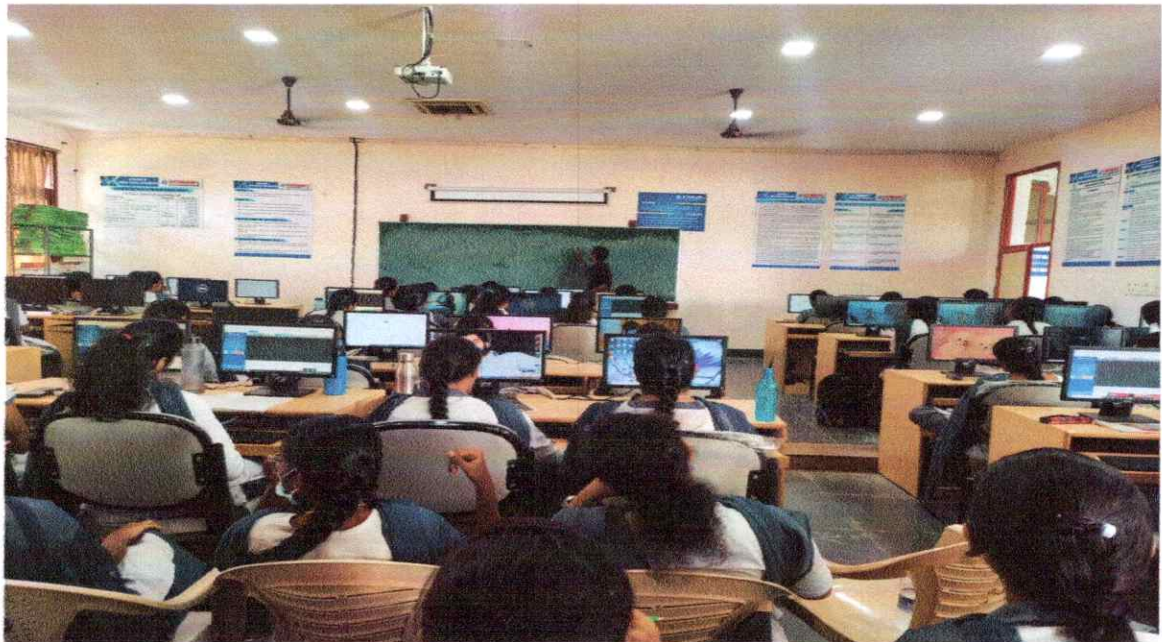**Sample Assessment Analysis of students**

Training Activities

Every student in the second year will undergo 30 hours of both technical and non technical service based training to improve their skills.

Students Participation in training activities to enhance their skills

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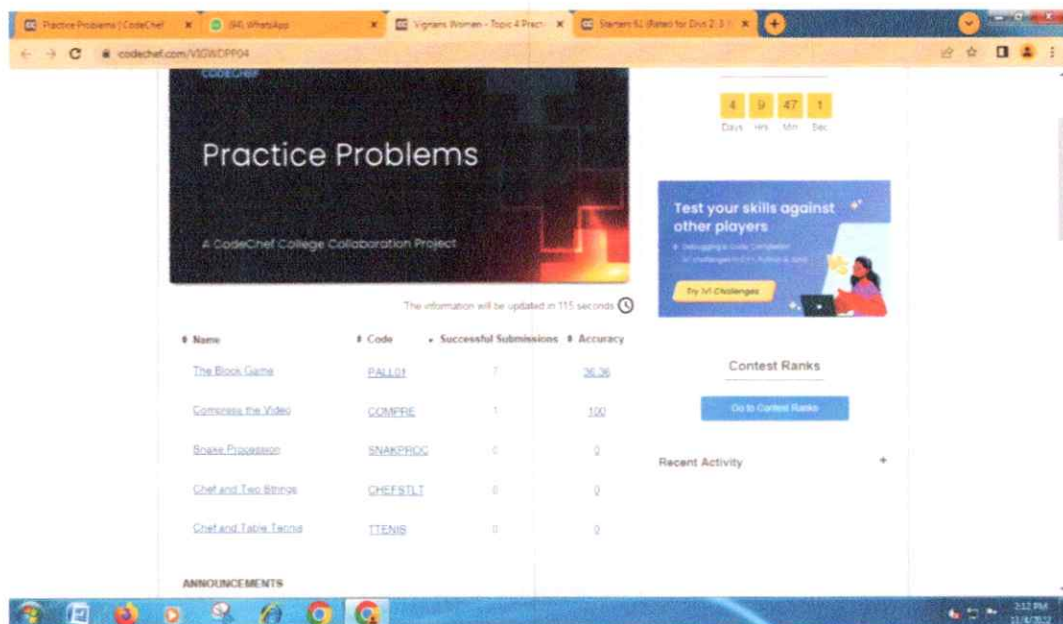
Indicative Beginners DSA Focused Program

Indicative Beginners DSA Focused Program was a beginners program conducted to all II year students in Collaboration with Codechef. The following topics are covered in this program. Each week, approximately 5 problems for practice and 2 problems for assignment will be shared to all the students.

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

Practice Problems on Codechef Environment

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Coding Challenges

Administration

Manage Contests	Manage Challenges					Q search

Contests you can edit are below. For more info, visit our FAQ or join our discussion forum.

Create Contest

Contest Name	Contest Slug	Contest Owner	Start date	Signups	Participants
CodingContest 1628242417	codingcontest-1628242417	vignanwomendeve1	Aug 06, 2021	333	233
CodingEx	codingex	vignanwomendeve1	Mar 31, 2022	1	1
Coding9	coding9-1	vignanwomendeve1	Aug 09, 2021	516	381
Coding10	coding10-1	vignanwomendeve1	Aug 11, 2021	510	353

2:38 PM

CodingContest 1628242417
www.hackerrank.com/codingcontest-1628242417

Details	Challenges	Advanced Settings	Moderators	Notifications	Signups	Statistics

Contest Details
Customize your contest by providing more information needed to create your landing page.
Your contest will only be available to those who have access to the contest URL.

Contest Name *   CodingContest 1628242

Contest URL   https://www.hackerrank.com/codingcontest-1628242417 edit

Preview Landing Page	Preview Challenges Page		Save Changes

2:39 PM

Weekly Coding Contest conducted through HACKERRANK

PRINCIPAL
Vignan's Institute of
Engineering for Women
K.J.Peta, VSEZ (P.O.),
Visakhapatnam-49.

Contest Edit | HackerRank

hackerrank.com/administration/contests/edit/146248/details

Manage Contests > CodingContest 1628242417

CodingContest 1628242417
www.hackerrank.com/codingcontest-1628242417

| Details | Challenges | Advanced Settings | Moderators | Notifications | Signups | **Statistics** |

Signup Count:	321
Total Cumulative Signups:	333 (includes signups after the end of the contest)
Login Count:	269
Login Conversion Rate:	83.80 %
Number of Users Who Submitted Code:	233

View all contest submissions

Preview Landing Page   Preview Challenges Page

Activate Windows
No Saving Needed

2:39 PM

Submissions | HackerRank

hackerrank.com/contests/codingcontest-1628242417/judge/submissions/challenge

HackerRank   PREPARE   CERTIFY   **COMPETE**   Q Search   vignanwomendeve1

Contests > CodingContest 1628242417 >

Submissions

Problem	Team	ID	Language	Time	Result	Score	Status	During Contest?	
LoopingEx1	Preethib2002	1335721268		4614	Compilation error	0		No	View
ArraysEx2	Preethib2002	1335721247		4613	Wrong Answer ✖	0		No	View
ArraysEx2	Preethib2002	1335721227		4612	Compilation error	0		No	View
BranchingEx1	19NM1A0235	1335715865		4333	Accepted ✔	10		No	View
LoopingEx2	19NM1A0235	1335715846hon3		4332	Accepted ✔	10		No	View
LoopingEx1	19NM1A0235	1335715626		4331	Accepted ✔	10		No	View
LoopingEx1	[deleted]	1335715616		4330	Accepted ✔	10		No	View
ArraysEx2	19NM1A0235	1335715607		4329	Accepted ✔	10		No	View
ArraysEX1	19NM1A0235	1335715580hon3		4327	Accepted ✔	20		No	View

2:39 PM

Students' Enrolment to Coding Contests

BranchingEx1 Submission #133 × +

hackerrank.com/contests/coding-contest-1628242417/challenges/branchingex1/submissions/code/1335715   Incognito

All Contests > CodingContest 1628242417 > BranchingEx1

BranchingEx1   🔒 locked

Problem   **Submissions**   Leaderboard   Discussions

This BranchingEx1 submission belongs to **19NM1A0235**

Submitted 9 months ago • Score: 10.00   Status: **Accepted**

✓   Test Case #0

Submitted Code

BranchingEx1 | CodingContest × +

hackerrank.com/contests/coding-contest-1628242417/challenges/branchingex1/problem   Incognito

BranchingEx1   🔒 locked

Problem   Submissions   Leaderboard   Discussions

General Forge and Foundry pays its salespeople by commission. If a salesperson sells less than Rs.10,000 in a week the commission is 4% of the sales. Otherwise, if the salesperson sells at least Rs.10,000 in a week, the commission is 5%. Write a program that will accept the amount of sales in a week from 'N' salespersons, then outputs the amount of commission earned by each salesperson and the total commission.

Input Format

Number of Sales person(N) in rst line N person's sales amount in separate lines

Constraints

```
#include <cstdio>
#include <cstdlib>
#include <cstring>
#include <algorithm>
#include <iostream>
```

Submissions: 196
Max Score: 10
Difficulty: **Medium**

Rate This Challenge:
☆☆☆☆☆

More

Admin Options

✏ Edit Challenge

View Submissions

Students' Participation in Coding Contests

Community Service Projects

Community Service Projects at VIEW College is planned with an objective to sensitize the students to the living conditions of the people around them. The students have chosen the following areas:

- Agriculture
- Health
- Marketing and Cooperation
- Revenue and Survey
- Natural Disaster Management
- Irrigation
- Law & Order
- Education
- Water Facilities
-

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Students Working on a Community Service Projects

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