



**Details of Activities beyond Academics to improve the Technical Knowledge  
& Skill Areas in the Third Year**

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## Industrial Visits

The industrial visits evolve solutions for case studies where the classroom theoretical knowledge will be put to understanding and concept evaluation. The students will acquire a new way of looking at the concepts learnt in the class. It also provides technical exposure to the students about current trends in the technology.



Industrial Visit to Doppler RADAR Station by the III ECE students on 30-06-2016



Industrial Visit to ALL INDIA RADIO by II ECE students on 26-06-2018

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**Industrial Visit to ANDHRA PRADESH MED TECH ZONE by CSE students on 02-08-2019**



**Industrial Visit to ISRO- Sriharikota by IV ECE students on 30-01-2020**



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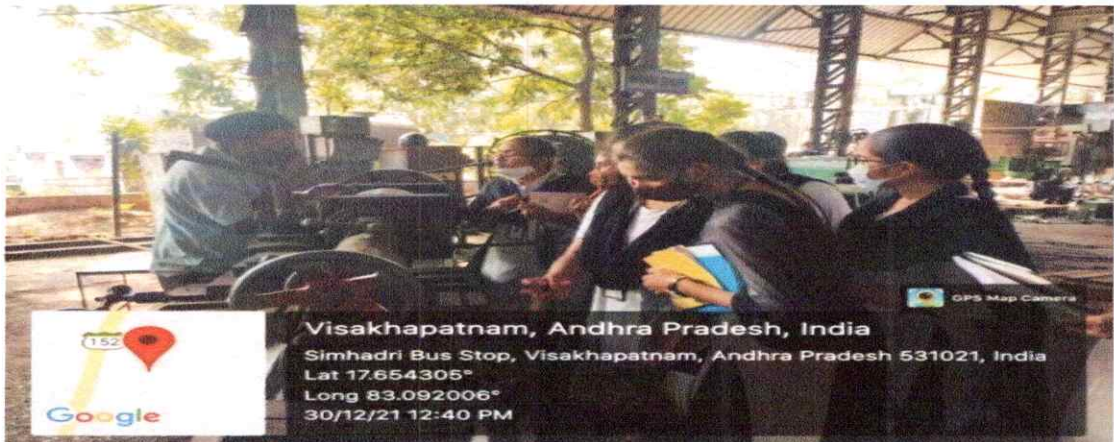
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**Industrial Visit to MSME by the students of II ME department on 30-10-2021**



**Industrial Visit to BDL by the students of II IT on 17-12-2021**



**Industrial Visit to SIMHADRI STEELS by the students of III ME department on 30-12-2021**

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## Internships


The institute supports students by sanctioning permission to visit industries and gain practical knowledge. The students undergo internship training for a period of one week to a maximum of 20 days. The training helps them to think innovatively in solving real time problems and implement as working models.


### TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED




#### CERTIFICATE OF INTERNSHIP

This is to certify that Gujju Sai priya (18NM5A0212), D/o.  
G. Roop Kumar Reddy, a student of Vignan's Institute of  
Engineering for women, duvvada have done internship training at  
220/132/33 KV Dairy Farm SS, Visakhapatnam, APTRANSCO  
for the period from 27-05-2019 to 07-06-2019 as a partial  
fulfillment for the award of engineering.

  
Er. K. VENKATA RAO, ME  
Deputy Executive Engineer  
Maintenance  
220/132/33 KV Dairy farm SS

  
Er. MSUNDEEP KUMAR  
Assistant Executive Engineer  
Maintenance  
220/132/33 KV Dairy farm SS

Sample copy of certificate received for Internship from APTRANSCO

  
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भारत का लोक सेवा प्रसारक  
आकाशवाणी  
कस्तुरबा मार्ग, सिरपुरम  
विशाखपट्टणम



PRASAR BHARATI  
India's Public Service Broadcaster  
ALL INDIA RADIO  
Kasturiba Marg, Siripuram,  
Visakhapatnam-530 003



EPABX : 0891-2560061, 2560062, 2564260  
Fax : 0891-2562084 E-mail : airvisakhapatnam@rediffmail.com

D.Ramakrishna Prasad, IB(E)S

उप महानिदेशक(इं)/Deputy Director General(E)

स/No.11(12)/2019-E(1)/Trg.

दिनांक/Date: 25.11.2019

## प्रमाणपत्र / CERTIFICATE

प्रमाणित किया जाता है कि विज्ञान इंस्टिट्यूट ऑफ इंजीनियरिंग फार वुमेन, विशाखपट्टणम, के तृतीय वर्ष ई.सी.ई. के छात्रा, **सुश्री वेंकट स्नेहिता.के.** 17एनएम1ए04जी7, ने आकाशवाणी, विशाखपट्टणम में दिनांक 11.11.2019 से 24.11.2019 तक 2 सप्ताह का औद्योगिक/ परियोजना प्रशिक्षण प्राप्त किया है। इस अवधि के दौरान उन्हें स्टूडियो उपकरणों, 10 कि.वॉट एफ.एम. तथा 100 कि.वॉट मीडियम वेव ट्रांसमीटरों का अध्ययन कराया गया और तत्संबंधी प्रशिक्षण दिलाया गया।

This is to certify that Ms. **Venkata Snehita Katakam**, 17NM1A04G7, 3<sup>rd</sup> Year E.C.E. student of Vignan's Institute of Engineering for Women, Visakhapatnam has undergone an industrial/project training at All India Radio, Visakhapatnam for 2 weeks from 11.11.2019 to 24.11.2019. During this period, she has been given training and familiarization of the studio equipment, 10 kW FM and 100 kW MW Transmitters.

डॉ. आर. प्रसाद

(डॉ.आर.प्रसाद / D.R.PRASAD)

उप महानिदेशक(इं) / Deputy Director General(E)

Sample copy of certificate received for summer training at AIR, Visakhapatnam

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## Workshops

Practical Hands-on workshops are arranged to students to get exposure to modern tools. The students' participation in workshops make them gain knowledge on latest technologies and tools and their practices.



Workshop on "PCB Design" Workshop on "ROBO ZEST"



Workshop on "Smart Grid Automation"

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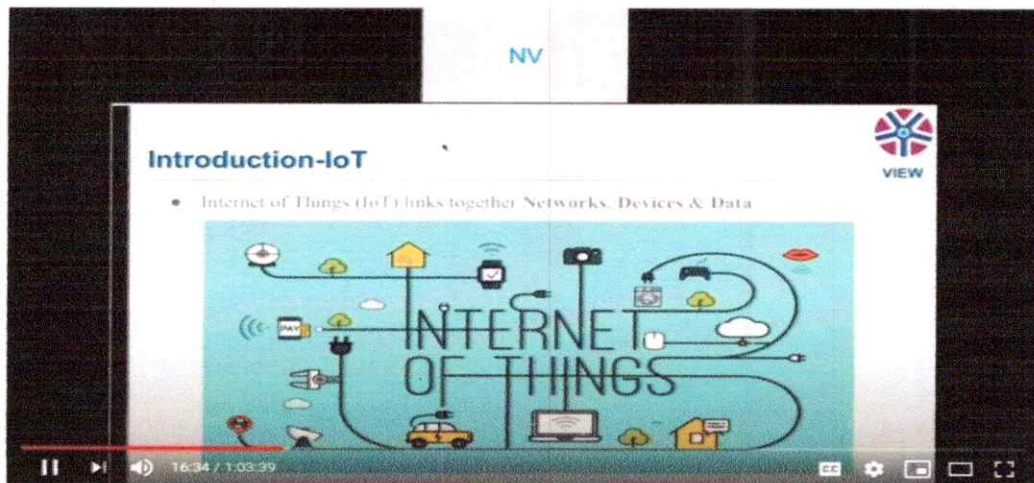
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Workshop on AndriodBotics

YouTube

Search



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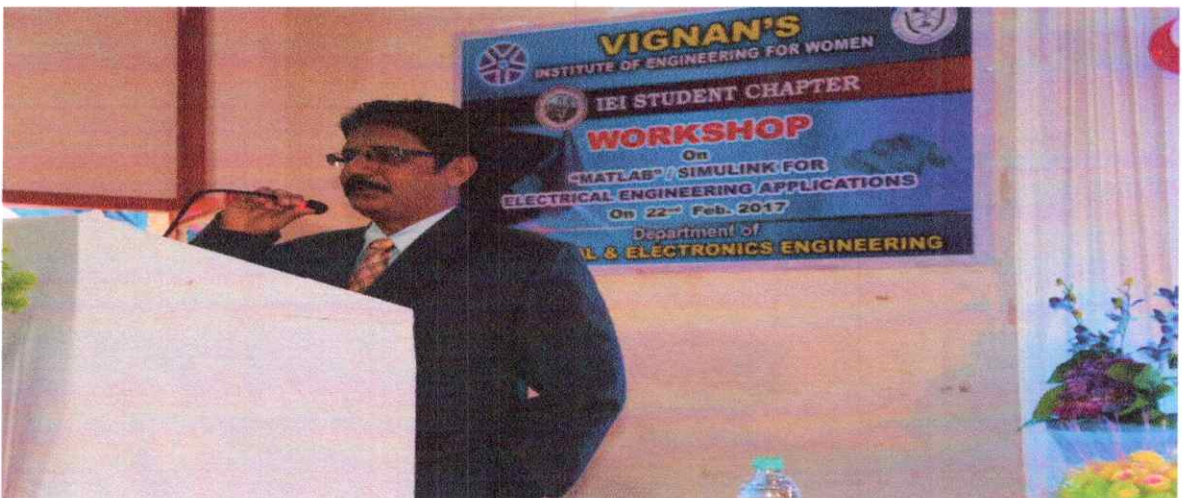


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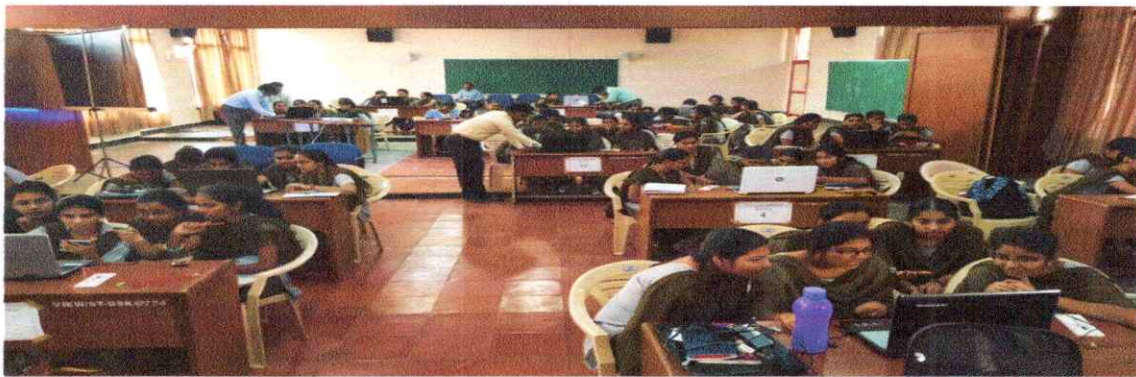
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**Workshop on Cyber security & Ethical Hacking**



**Workshop on MATLAB SIMULINK for Electrical Engineering Applications**



**Workshop on IoT using MSP 430**

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## Certifications in Emerging Courses

AY: 2021-22						AY: 2020-21					
Course Platform	Student Certifications Courses					Course Platform	Student Certification Courses				
	EEE	ECE	CSE	IT	ME		EEE	ECE	CSE	IT	ME
NPTEL	-	42	149	97	-	NPTEL	3	12	43	4	1
COURSERA	11	-	-	-	-	COURSERA	66	5	56	7	-
UDEMY	14	-	-	-	-	UDEMY	10	1	39	23	-
APSSDC	15	-	198	-	61	APSSDC	100	2	420	-	18
OTHERS	-	183	-	-	-	OTHERS	5	8	62	30	-
TOTAL	40	225	347	97	61	TOTAL	184	28	620	64	19
TOTAL	770						915				



## Elite


# NPTEL Online Certification

(Funded by the MoE, Govt. of India)


This certificate is awarded to  
**GUMMADI SRAVANTHI**  
 for successfully completing the course  
**The Joy of Computing using Python**  
 with a consolidated score of **80** %


Online Assignments	21.69/25	Programming Exam	25/25	Proctored Exam	33.5/50
--------------------	----------	------------------	-------	----------------	---------


Total number of candidates certified in this course: **7438**

  
**Prof. Devendra Jalilhal**  
 Chairman  
 Centre for Continuing Education, IITM

**Jan-Apr 2022**  
 (12 week course)

  
**Prof. Andrew Thangaraj**  
 NPTEL Coordinator  
 IIT Madras

  
 Indian Institute of Technology Madras

  
 swayam

Roll No: NPTEL22CS31S14421284

To validate and check scores: <https://nptel.ac.in/noc>

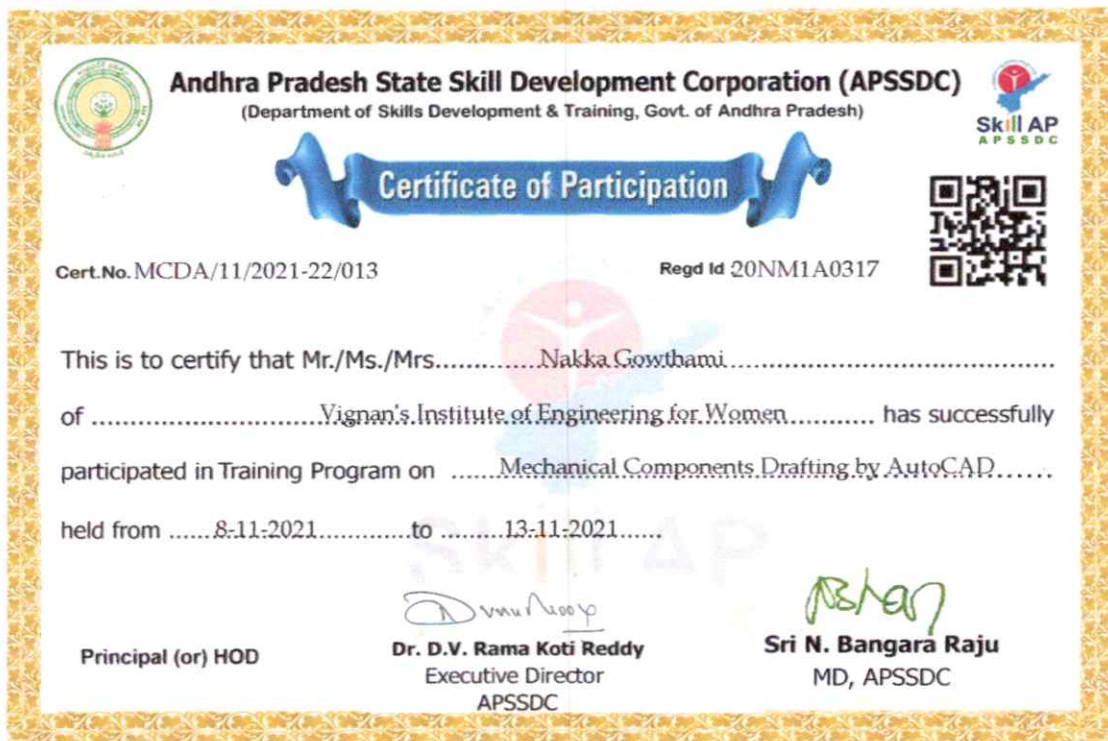
  
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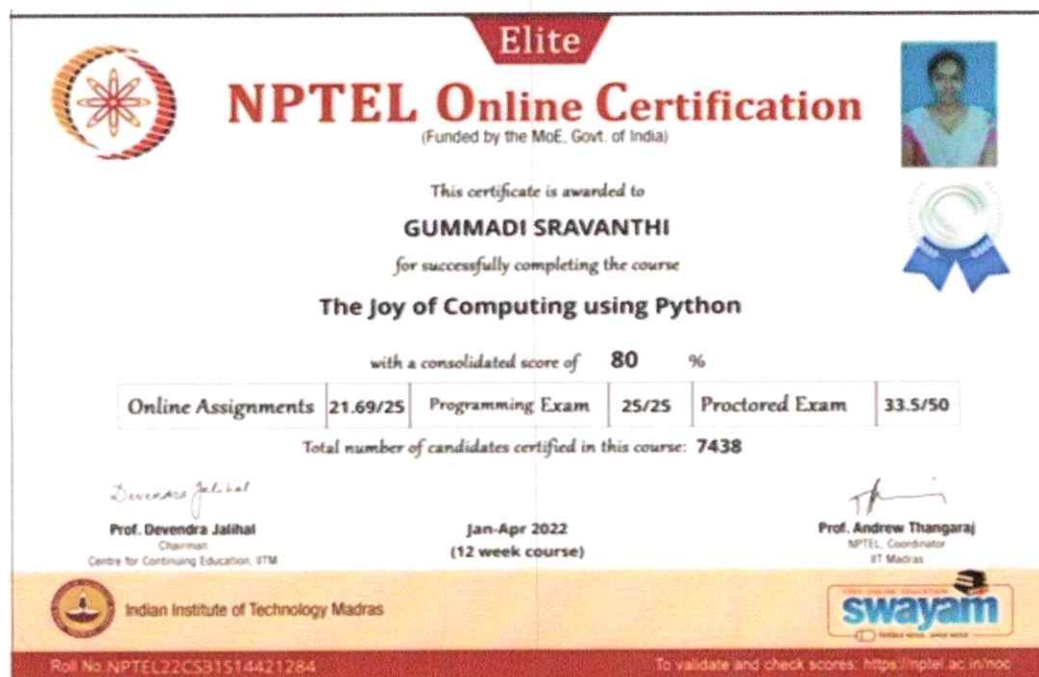
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Sample student certificates from NPTEL, APSSDC, Udemey and Coursera

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## Hackathon and Ideathon Programs



**1<sup>st</sup> Prize winner from Madras Institute of Technology, Chennai in WOMEN HACKATHON conducted at VIEW**



**2<sup>nd</sup> Prize winner from Vignan's Institute of Information & Technology, Visakhapatnam in WOMEN HACKATHON conducted at VIEW**

*[Signature]*  
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**3<sup>rd</sup> Prize winners from Vignan's Institute of Engineering for Women, Visakhapatnam in WOMEN HACKATHON conducted at VIEW**



**Students' Exhibiting novel solutions in WOMEN HACKATHON conducted at VIEW**



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Prize Winners at in WOMEN IDEATHON conducted at VIEW



Certificate of Participation in Smart India Hackathon-2018

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## Students' participation in Project Expo



## Students' Participation at Project Expo in VIEW College

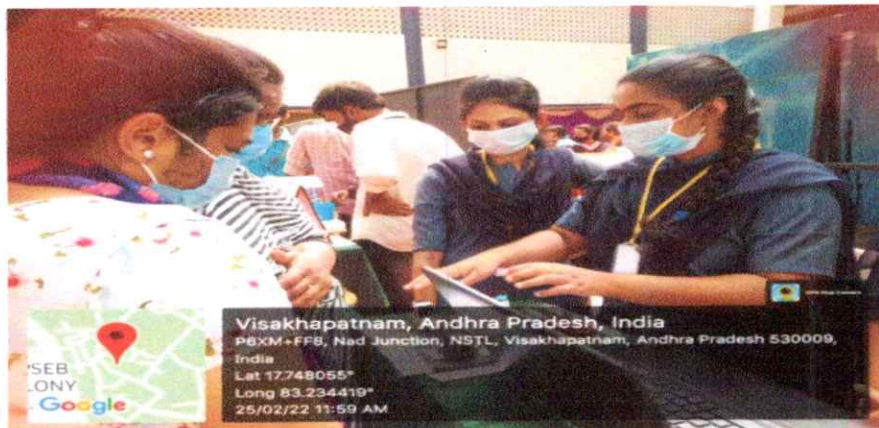
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**Students' Participation in "Open-house exhibition" conducted at Naval Science & Technological Laboratory (NSTL), Visakhapatnam**

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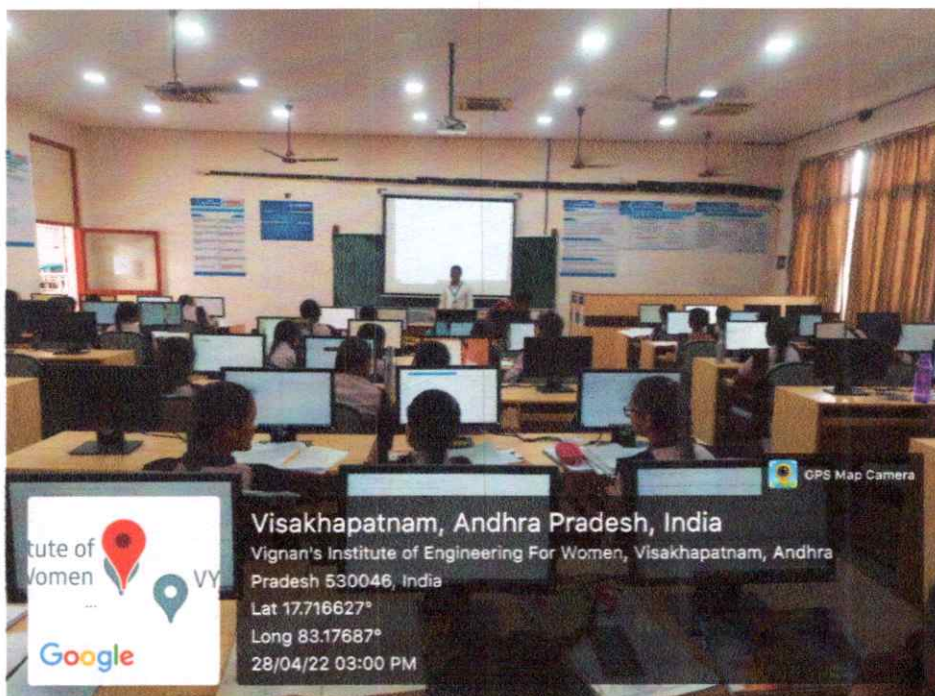




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## Digital Resources



## ICT Enabled Learning

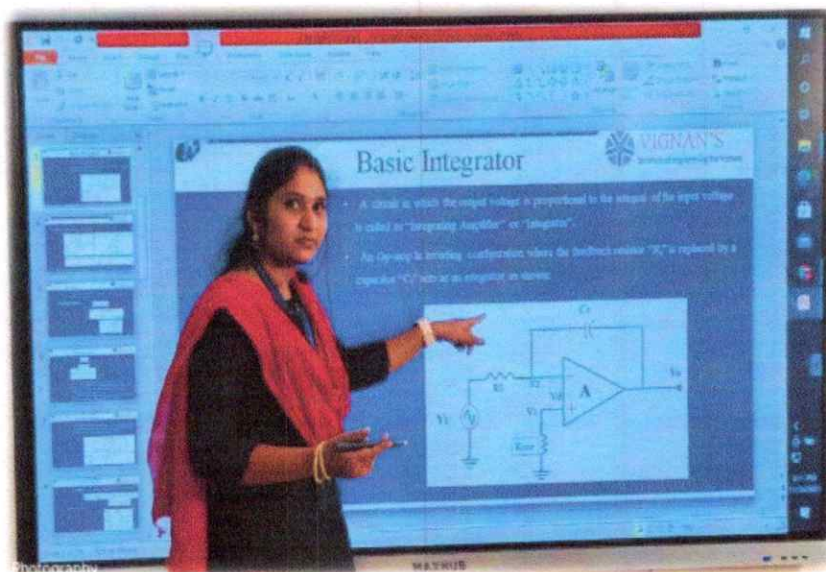
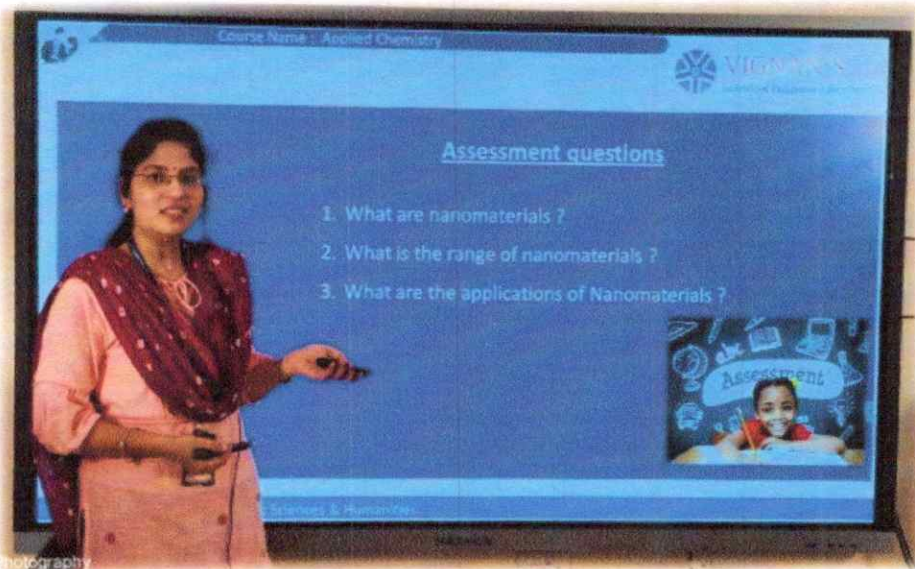
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## Instruction through Smart Boards

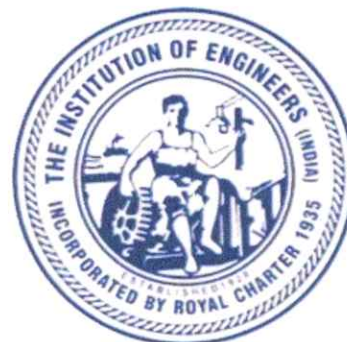
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## e- Resources in Digital Library

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## Service Based and Product Based Trainings

The following are the Service Based and Product Based Trainings provided to III years from the past 5 years.

### Trainings for 2021-22 Academic Year

S.No.	Name of the Training Programme	Duration of the Programme	Year of the students	Training Partner
1	Non-Technical Training Phase-1	25-10-2021 to 12-11-2021	Pre-Final Year	APEX
2	Non-Technical Training Phase-2	14-12-2021 to 30-12-2021	Pre-Final Year	APEX
3	InfyTQ Company Specific Training	13-01-2022 to 16-01-2022	Pre-Final Year	CCC
4	Non-Technical Training Phase-3	20-04-2022 to 02-05-2022	Pre-Final Year	APEX

### Trainings for 2020-21 Academic Year

S.No.	Name of the Training Programme	Duration of the Programme	Year of the students	Training Partner
1	Product Based Training (Technical) Phase-1	03-02-2021 to 10-02-2021	Pre-Final Year	CCC
2	Product Based Training (Technical) Phase-2	10-04-2021 to 15-04-2021	Pre-Final Year	CCC
3	Product Based Training (Technical) Phase-3	24-05-2021 to 29-05-2021	Pre-Final Year	CCC
4	Product Based Training (Technical) Phase-4	14-06-2021 to 19-06-2021	Pre-Final Year	CCC

### Trainings for 2019-20 Academic Year

S.No.	Name of the Training Programme	Duration of the Programme	Year of the students	Training Partner
1	Product Based Training (Technical) Phase-1	26-01-2020 to 31-01-2020	Pre-Final Year	CCC
2	Non-Technical Training Phase-1	12-02-2020 to 27-02-2020	Pre-Final Year	APEX
3	Non-Technical Training Phase-2	28-02-2020 to 29-02-2020	Pre-Final Year	APEX
4	Product Based Training (Technical) Phase-2&3	11-05-2020 to 04-06-2020	Pre-Final Year	CCC
5	Non-Technical Training Phase-3	11-06-2020 to 27-06-2020	Pre-Final Year	APEX

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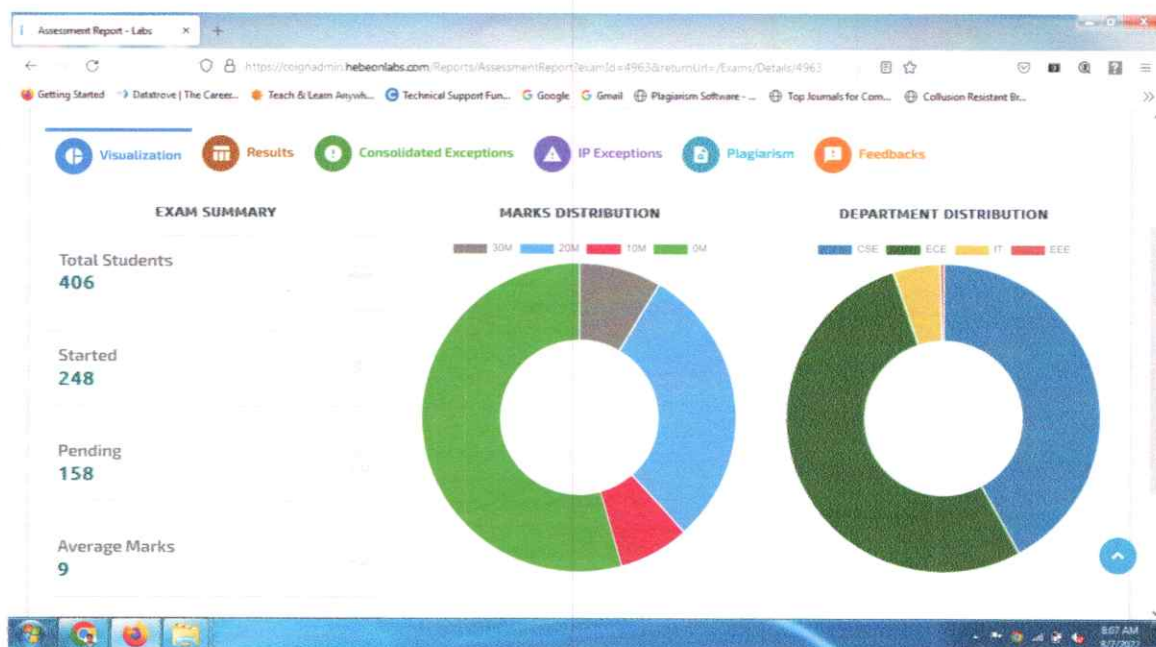
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## Trainings for 2018-19 Academic Year

S.No.	Name of the Training Programme	Duration of the Programme	Year of the students	Training Partner
1	Non-Technical Training Phase-1	22-02-2019 to 28-02-2019	Pre-Final Year	FACE
2	Non-Technical Training Phase-2	24-05-2019 to 15-06-2019	Pre-Final Year	FACE

## Trainings for 2017-18 Academic Year

S.No.	Name of the Training Programme	Duration of the Programme	Year of the students	Training Partner
1	Core Company Specific Training	23-04-2018 to 05-05-2018	Pre-Final Year	KNOWLEDGE POINT
2	JAVA Programming	29-05-2018 to 02-06-2018	Pre-Final Year	Mr. Dinesh Reddy
3	JAVA Programming	07-05-2018 to 25-05-2018	Pre-Final Year	Mr. Dinesh Reddy



## Sample Assessment Analysis of students

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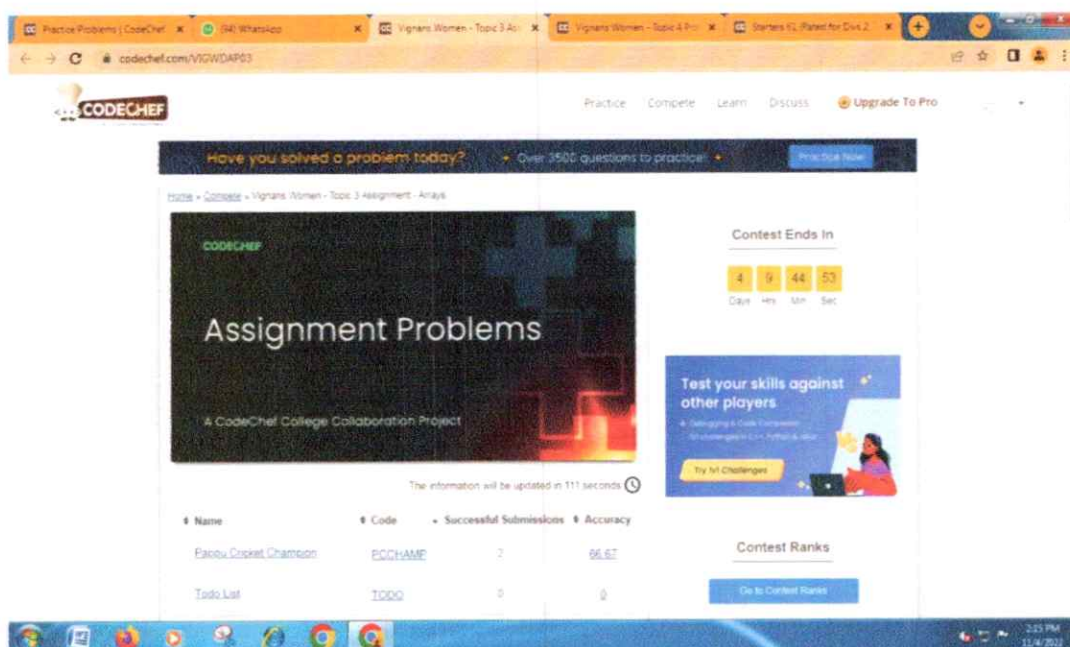
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## Intermediate DSA Focussed Program

Intermediate DSA Focused Program was an intermediate level program conducted to all III 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	Basic Number Theory, Asymptotic Analysis
2	Recursion and Dynamic Programming I
3	Dynamic Programming II
4	Dynamic Programming III
5	Graphs I - Introduction to Trees, BFS, DFS
6	Graphs II - LCA and more BFS, DFS
7	Tree DP
8	Graphs III - Shortest Paths
9	Graphs IV - More Shortest Paths
10	Graphs V - DSU, MSTs



## Assignment Problems on Codechef Environment

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## Coding Challenges

Contest Edit | HackerRank

hackerank.com/administration/contests/edit/1628242417/details

Manage Contests > CodingContest 1628242417

### CodingContest 1628242417

[www.hackerrank.com/codingcontest-1628242417](http://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  
Go to Settings to activate Windows.

No Saving Needed

2:39 PM

Search results - pujayabharati WhatsApp Practice Test - 1 (Copy) | Vignan's Institute of Engineering for Women HackerRank login - Google Search Contest Edit | HackerRank

hackerank.com/administration/contests/edit/155713/details

Manage Contests > Coding\_contest\_23-10-2021-for-2024-relieving-batch

### Coding\_contest\_23-10-2021-for-2024-relieving-batch

[www.hackerrank.com/coding-contest-23-10-2021-for-2024-relieving-batch](http://www.hackerrank.com/coding-contest-23-10-2021-for-2024-relieving-batch)

Details Challenges Advanced Settings Moderators Notifications Signups Statistics

Signup Count:	126
Total Cumulative Signups:	128 (includes signups after the end of the contest)
Login Count:	118
Login Conversion Rate:	93.65 %
Number of Users Who Submitted Code:	76

[View all contest submissions](#)

[Preview Landing Page](#) [Preview Challenges Page](#)

No Saving Needed

UG\_R19\_CSE\_B...pdf

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Conducting of Coding challenges every week

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