

Placement Activities 2023-24

Careerguidance Training & Placement

<u>Counselling for Higher studies</u>				
<u>SR NO</u>	<u>Name of the Activity</u>	<u>Target Audience</u>	<u>Date</u>	<u>No. Of the students Participated</u>
1	Study abroad Seminar	SE & TE Comps	12/01/2024	85
2	Higher Studies Career Guidance Seminar	SE & TE Comps	16/01/2024	74
3	LinkedIn Profile Building Program	SE and TE	28/03/2024	58
<u>Preplacement Training</u>				
1	Aptitude test Practice session	SE and TE comps	23/04/2023	89
2	Resume Writing	SE EXTC	03/08/2023	40
3	GD Session	SE EXTC	10/08/2023	39
4	GD Session	SE EXTC	07/09/2023	39
5	Aptitude test Practice session	SE EXTC	14/09/2023	37
6	Aptitude test Practice session	SE EXTC	05/10/2023	32
7	GD Session	TE comps	08/12/2023	40

8	Training and Placement weekly Sessions	TE EXTC	11/01/2024 till 28/3/2024	38
9	Aptitude test Practice session	SE, TE and BE IT students	11/2/2024 to 22/3/2024	180
10	IBM Skill build CSR box Micro internship on Generative AI and Data Science	All SE to BE students	19/2/2024 to 5/3/2024	157
11	Smartwayz GDPI and Aptitude Training	All TEs	8/06/2024 till 16/06/2024	64



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

ACTIVITY REPORT on Session on Information on Higher Study Abroad

Organized By:	Dr. Kunal Meher, (Dept. of Computer Engineering)
Date of the Event:	12/01/2024
Venue:	LH-6 and Computer Center (Dept. of Computer Engineering)
Name of the Speaker(s):	Mr. Sukrut Bhushan Bhaskar
Designation and Organization of the Speaker(s) :	Academic counselor, UniSmart Admits.
Participants Details:	Second and Third-year students of the Department of Computer Engineering
Number of Participants:	85 students [42 (SE) + 43(TE)]

OBJECTIVE(s):

- To explore higher study opportunities abroad.
- To explore career opportunities.

TOPIC: Information on Higher Study Abroad

EVENT OUTCOME(s):

- Students are able to explore academic and career opportunities after their graduation within the country as well as abroad.

KEY POINTS:

- Students are guided toward their academic and career success, offering personalized support and insights for Indian University or any International University.
- Focus was on holistic development, not just on exam scores but also on personal growth.
- Helping students and parents navigate the educational journey effectively for students who were planning to study in the US, UK, Canada, Australia, New Zealand, Singapore and the Gulf Market.

FEEDBACK:

Students are able to explore academic and career opportunities after their graduation within the country as well as abroad.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Event Outcome						3	2	2	2	2		3	2	2

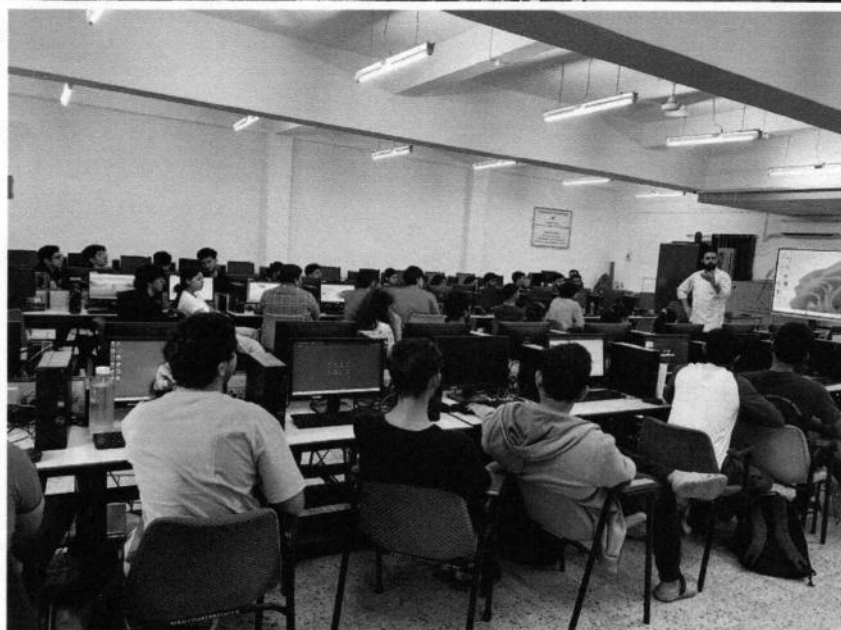
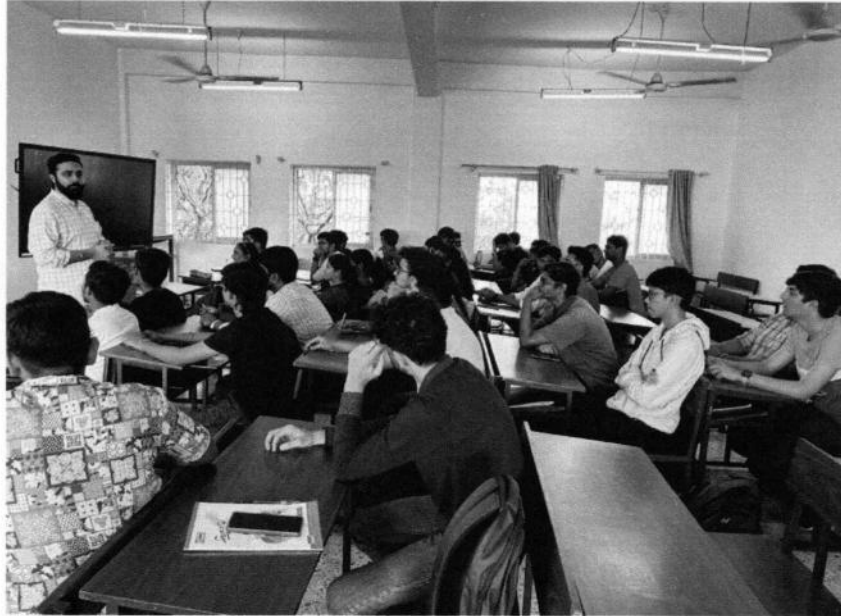


Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

GALLERY:



mehe

Event Coordinator

Dr. Kunal Meher

Associate Professor,

Dept. of Computer Engineering



Fwd: Profile of Sukrut Bhushan Bhaskar

1 message

Kunal Meher <kunal.m@xavier.ac.in>
To: Kirti Motwani <kirti.m@xavier.ac.in>

Mon, Jul 29, 2024 at 11:21 AM

Dr. Kunal Meher



A Sister Institution of St. Xavier's College, Fort, Mumbai.

Associate Professor and HOD,
Department of Computer Engineering,
Xavier Institute of Engineering,
Mahim (West), Mumbai, India - 400 016
Mob: 9860314243
www.xavier.ac.in

Profile: <https://www.xavier.ac.in/Faculty%20Profile.php?id=162>

Institute Vision	
To nurture the Joy of Excellence in a world of high technology.	
Institute Mission	
To strive to match global standards in technical education by interaction with industry, continuous training and development of quality of life.	
Vision of Department of Computer Engineering	
To Nurture the Joy of Excellence in the world of Computer Engineering.	
Mission of Department of Computer Engineering	
M1	To provide students the knowledge of computer engineering with related technical skills to solve various computer engineering problems and to have industry interaction.
M2	To motivate the students to acquire additional soft skills to sharpen their technical and professional skills that make them employable.
M3	To nurture social and professional ethics in our undergraduates and encourage them to have life-long learning.

----- Forwarded message -----

From: UniSmart Admits <proposal@unismartadmits.com>
Date: Tue, Jan 16, 2024 at 6:14 PM
Subject: Profile of Sukrut Bhushan Bhaskar
To: <kunal.m@xavier.ac.in>
Cc: <sukrut.bhusan@unismartadmits.com>

Hi, Im Sukrut Bhushan Bhaskar, an academic counselor with over 10 years of experience.

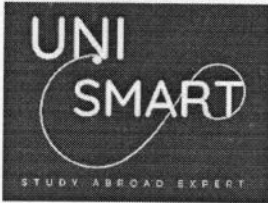
1. I hold a Bachelor's in Mechanical Engineering and an MBA in Marketing Management, along with a certification in Human Rights.
2. I've worked with more than 2000 students, helping them build strong profiles and offering career counseling.
3. With over 8 years of teaching experience, I specialize in GMAT, GRE, and IBPS exam preparation.
4. My goal is to guide students toward their academic and career success, offering personalized support and insights for Indian University or any International University.
5. I believe in holistic development, focusing not just on exam scores but also on personal growth. My my experience in profile building has helped students in building their academic reputation.
6. I'm dedicated to helping students and parents navigate the educational journey effectively for students were planning to study in US, UK, Canada, Australia, New Zealand, Singapore and the Gulf Market.

7. Let's work together to achieve your academic and career goals.

Feel free to adapt and expand upon these points to create a compelling introductory message for your students and their parents.

Always yours
Sukrut Bhushan Bhaskar

With high regards,
Anagha Patil II Sr. Manager
College Relations II +91 8097353046
UniSmart Admits II <https://unismartadmits.com/>



Sl. No.	Name of the Candidate	College/Institution	Country
1
2
3
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Forwarded message
From: Unismart Admits <unismartadmits@gmail.com>
Date: Tue, Jan 15, 2024 at 8:14 PM
Subject: Profile of Sukrut Bhushan Bhaskar
To: anagha.patil@unismartadmits.com
CC: <unismartadmits@gmail.com>

Hi, I'm Sukrut Bhaskar, an academic counselor with over 10 years of experience.

- I hold a Bachelor's in Mechanical Engineering and an MBA in Marketing Management, along with a certification in Human Rights.
- I've worked with more than 2000 students, helping them build strong profiles and offering career counseling.
- With over 2 years of faculty experience, I specialize in GMAT, GRE, and IELTS exam preparation.
- My goal is to guide students toward their academic and career success, offering personalized support and insights for Indian University of any International University.
- I believe in holistic development, focusing not just on exam scores but also on personal growth. My own experience in profile building has helped students in landing top economic institutions.
- I'm dedicated to helping students and parents navigate the educational journey effectively for students who plan to study in US, UK, Canada, Australia, New Zealand, Singapore and the Gulf Market.

**Xavier Institute of Engineering**

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

**Session on
Information on Higher Study Abroad
(SE COMP)**

Date: 12/01/2024 at 09:45AM

Roll No.	Student Name	Sign
1	CECILIA DINESH SAHAYA KALAIARASI	<i>Cecilia</i>
2	JEZREEL KENNETH DAVID GRACE	<i>Kenneth</i>
3	BANKA ANCHAL YOGESH ASHA	<i>Banka ..</i>
4	BELSARE HARSH SANDEEP SHYAMAL	<i>Harsh</i>
5	BURKAL ENOSH YESUDAS VANITHA	<i>Enosh</i>
6	BURKHAO CHRIS SANJAY NAMRATA	AB
7	DENIZ ZENOBIA RONALD GODELEVA	<i>Deniz</i>
8	DEVASSY ALVIN SIBY SHINDHU	AB
9	DHAVALA OMKAR BABASAHEB YOJANA	<i>Omkar</i>
10	DSOUZA DANIEL RENAY NITA	AB
11	DSOUZA ROYSTON ANTHONY LUVIZA	<i>Royston</i>
12	ELUVATHINGAL ALOYSIUS JAMES JULIAN	<i>Eluvathingal</i>
13	FERNANDES ALROY DIAGO ANNA	AB
14	FERRAO ETHAN NEIL CYNTHIA	<i>Ferrao</i>
15	FERREIRA BASIL BLAISE ROSETTE	<i>Basil</i>
16	FERREIRA JASON DIAGO HETAL	<i>Jason</i>
17	FODKAR ANAS AYAZ ALI MUMATZ	<i>Anas</i>
18	GADE YASH SAMPAT POOJA	AB
19	GANDHADAURU SAHIL PARSHURAM SEJAL	<i>Sahil</i>
20	GAONKAR ATHARV ADARSH ANAGHA	<i>Atharv</i>
21	HADAWALE RIDDHI RAMDAS MANGAL	<i>Riddhi</i>
22	KANOJIA SHREY SHIRISH RUPA	<i>Shrey</i>
23	KARLEKAR ROHIT RAMESH SMITA	AB
24	LOPES ESHITA ELVIN PRISCILLA	AB
25	MASCARENHAS STEVEN SELBY NIRMALA	<i>Mascarenhas</i>
26	MATHIAS GLEN GEORGE FLAVIA	<i>Mathias</i>
27	NADAR JEBASTIAN DEVADAS PONSELVI	<i>Nadar</i>
28	NADAR PRAVIN JOSEPH JOHNCY	<i>Pravin</i>
29	NAIK ADITYA SUDHIR SHRADDHA	AB
30	NANDY TUSHAR MALAY TUMPA	<i>Tushar</i>
31	NIKAM SAI HARISHCHANDRA KANCHAN	<i>Nikam</i>
32	PALEKAR SAISH SHASHIKANT SHRADDHA	<i>Saish</i>
33	PANDEY SUMIT SURENDRA MANORAMA	AB
34	PARAB DEV KIRAN NILIMA	AB
35	PATIL SAHIL NAMDEO NILAM	<i>Patil</i>

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Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

**Session on
Information on Higher Study Abroad
(TE Comp)****Date: 12/01/2024 at 09:00AM**

Roll No.	Student Name	Sign
1	ABIDI SAYED ASAD ALI SAYED SALIM HUSSAIN SAYED AFRIN ZEHRA	<i>Hali</i>
2	ANDRADES NOVI NESTER WILITA	<i>N</i>
3	ANDRADES SNEDEN SAMSON JOTSNA ANDRADES	AB
4	ANTONY DANIEL XAVIER RAJ FRANCIS MARY	AB
5	ARANHA MACWIN MAXY ASUNTHA ARANHA	<i>Macwin</i>
6	BANDAL SIDDHARTH DATTATRAY SUREKHA BANDAL	<i>Bandal</i>
7	BENIN AROCKIARAJ GNANAVANI	AB
8	CASTELINO RICKSON ROBERT VIOLET CASTELINO	AB
10	CHAVAN DHIKSHA AMIT DAYA CHAVAN	<i>Chavan</i>
11	CHIRAYATH ANTONY JERRY LIGY CHIRAYATH	AB
12	COUTINHO AARON STEPHEN HELEN COUTINHO	AB
13	CORREIA SHAUN BENJAMIN VANDANA CORREIA	<i>Shaun</i>
14	DABRE STEVE RAJESH SUNITA DABRE	AB
15	DCRUZ ERICA REYNOLD	<i>Erica</i>
16	DESHMUKH AYUSH NITIN ARCHANA DESHMUKH	AD
17	DHANAWADE MANAS NARAYAN SANTOSHI DHANAWADE	AB
18	DSILVA NATHAN ANTHONY BERNADETTE DSILVA	AB
19	DSOUZA ALICIA HENRY JYOTHI	<i>A</i>
20	DSOUZA ARON FRANCIS VICTOR FLAVY DSOUZA	<i>Aron</i>
22	FERNANDES MARK FREDDY	AB
23	GAIKWAD ATHARVA KIRAN MANISHA GAIKWAD	<i>GaiKWad</i>
24	GHODKE ATHARVA SUNIL	<i>Atharva</i>
25	GONSALVES ARYAN SUNIL	<i>Aryansunil</i>
26	GONSALVES CHRIS CHARLES SHEELA	<i>Chris</i>
27	IDRISI MOHD AFTAB MOHD ASLAM NASEEM BANO	AB
29	JAWLE CHIRAG SANTOSH PRADNYA JAWLE	<i>Chirag</i>
30	JOSHI VAISHNAVI VIJAYANAND SHILPA JOSHI	<i>Vaishnavi</i>
32	KOLHATKAR ANTARA SHAILESH SHAMAL KOLHATKAR	<i>Ask</i>
33	KUNTURKAR ANUJEET BALAPRASAD ANURADHA KUNTURKAR	AB
34	LOBO LEROY RONALD MAXIM LOBO	<i>Leroy</i>
35	MALVANKAR SHREYA SUNIL SHILPA MALVANKAR	<i>Shreya</i>
36	MANECKJI ARZISH NEVILLE MUKTA MANECKJI	<i>Arzish</i>
37	MASCARENHAS MERVIS MERWYN JOSEPH MERFIE FRANSICA MASCARENHAS	AB
38	MISHRA NILESH AWDHESHKUMAR KANCHAN MISHRA	<i>Amihra</i>
39	MISQUITTA ZIVAN FRANCIS JESSICA MISQUITTA	<i>ZL</i>



Xavier Institute of Engineering

Mahim, Mumbai 400016

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ACTIVITY REPORT on Elevate your Future: A Hint towards Higher Studies

Organized By:	Prof. Kirti Motwani (Dept. of Computer Engineering)
Date of the Event:	16/01/2024
Venue:	Computer Center (First Floor, Dept. of Computer Engineering)
Name of the Speaker(s):	Ms. Sagar Mehta
Designation and Organization of the Speaker(s) :	Student at Northeastern University, Boston, Massachusetts, United States
Participants Details:	SE-Comps and TE-Comps
Number of Participants:	74

OBJECTIVE(s):

- To provide insights into pursuing higher studies abroad.
- To inspire students to consider international universities for their postgraduate studies.
- To share personal experiences and challenges faced during the application process.

TOPIC: Elevate your Future: A Hint towards Higher Studies

EVENT OUTCOME(s):

- Students gained knowledge about the opportunities and challenges of studying abroad.
- Increased awareness of the application process for international universities.
- Motivated students to start planning for their higher education goals.

KEY POINTS:

- Benefits of studying abroad and multicultural experiences.
- Tips for selecting the right university and program.
- Overview of application requirements (GRE, TOEFL, etc.).
- Scholarships and financial aid opportunities.
- Career prospects after completing higher studies abroad.

FEEDBACK:

Students felt that the session was very informative and gave insight to those who are planning for higher education.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Event Outcome								2	2	3		2	2	2

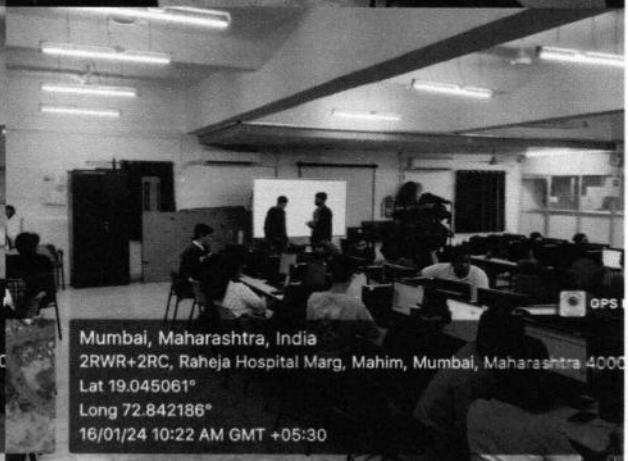
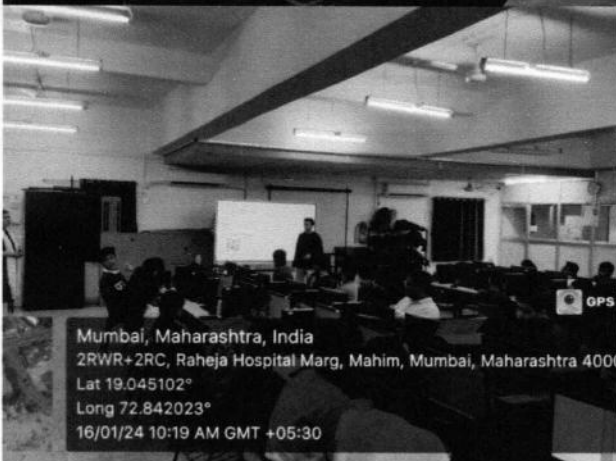
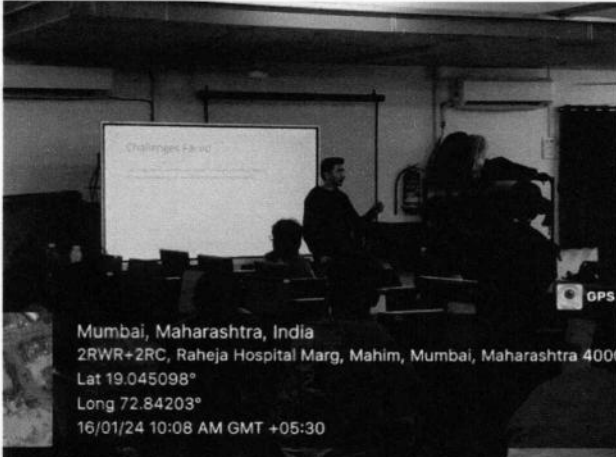


Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

GALLERY:



Motwani

Event Coordinator
Prof. Kirti Motwani
Assistant Professor,
Dept. of Computer Engineering



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

Date: 12-01-2024

To,
Ms. Sagar Mehta,
Northeastern University.

Subject: Resource person for conducting sessions at Computer Department, Xavier institute of Engineering, Mahim

Respected Sir/Madam,

It's our great pleasure to inform you that the Computer Department of Xavier Institute of Engineering, Mahim is organizing a session "**Elevate your Future: A Hint towards Higher Studies**" on 16th January, 2024.

As per the feedback received from industry and curriculum feedback, we need to enhance our student's skills for making them readily employable by the industry. We, thus, seek your support in this endeavor. The training sessions are being planned in the area of soft skills, technical skills & programming skills for overall growth of our students.

It is proposed to conduct parallel training programs for second, third & final year engineering students. I thus, take this opportunity to invite you as a resource person for conducting sessions as per the following schedule:

Topic	Date	Time	Audience
Elevate your Future: A Hint towards Higher Studies	16 th January, 2024	09.30 am to 11.00 am	Second Year and Third Year Engineering students

You are requested to make it convenient to deliver the session as scheduled.

Thanking You!

Kirti Motwani,
Assistant Professor,
Computer Department,
XIE, Mahim.



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

Date: 16-01-2024

To,

Ms. Sagar Mehta,

Northeastern University.

Subject: Appreciation letter for conducting a session on **“Elevate your Future: A Hint towards Higher Studies”**, at Xavier Institute of Engineering, Mahim

Respected Mam,

Greetings of the day!!

On behalf of the Computer Engineering Department of Xavier Institute of Engineering, Mahim, we wish to express our sincere gratitude for delivering a session and enlightening our students on the topic **“Elevate your Future: A Hint towards Higher Studies”** on 16th January, 2024. We request you to please share the study resources so that we can share it with our students.

We truly appreciate your commendable efforts in delivering a knowledgeable session and sparing your valuable time for this program. We look forward to having a fruitful and long-term association with you in future as well to facilitate the exchange of information and knowledge.

Thanking you with warm regards,

Kirti Motwani,

Assistant Professor,

Computer Department,

XIE, Mahim.

16/01/24



Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

16/1/24

SE Attendance Sheet

Roll No.	Name	Sign
56	Hetal Haryan	Hetal
60	Sahim Sayed	Sahim
46	Prathmesh Sankar	P. Sankar
57	Martin Malluri	Martin
54	Satjam Yadav.	Satjam
40	Kartik Rane	Kartik
09	OMKAR DHAVALE	OMKAR
29	Steven Mascarenhas	Steven
43	Lwin Rodrigues	Lwin
06	Chris Burkhao	Chris
51	Deepu Thapa	Deepu
17	Anag Fodkar	Anag
14	Ethem Ferras	Ethem
4	Harsh Belsare	Harsh
61	Krish Shetty	Krish
12	Aloysius James	Aloysius
11	Royston D'souza	Royston
12	Saket Randive	S.P. Randive
13	Ishan	Ishan
14		



39 Zivan Misquitta 24

TE Attendance Sheet

Akhunor Moshin - 24

(Signature)

Roll No.	Name	Sign
66	Wardik Tilwari	<i>(Signature)</i>
57	Sargunsh M. Amir	<i>(Signature)</i>
29	Chirag Jawle	<i>(Signature)</i>
43	Brevon Nurey	<i>(Signature)</i>
03	Sreden Andriandes	<i>(Signature)</i>
10	Dhiksha Chavhan	<i>(Signature)</i>
48	Anurag Patil	<i>(Signature)</i>
46	Aditya Patel	<i>(Signature)</i>
56	Agreshi Sawant	<i>(Signature)</i>
5	Maunin Aranha	<i>(Signature)</i>
58	Arbaz Shaikh	A.S
15	Erica D'Guz	Erica
70	Trisha D' Souza	Trisha
32	Antara Kollatkar	Ask
61	Mdyuresh Shinde	<i>(Signature)</i>
05	Maunin Aranha	Maunin
34	Leroy Lobo	Leroy
20	Aron Dsouza	Aron
13	Shaun Correia	Shaun
27	Mohd Aftab Insi	<i>(Signature)</i>



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

TE Attendance Sheet

Roll No.	Name	Sign
64	Allen Swamy	
36	ARZISH MANECKJI	
40	Nadar Maheshwaran Ganeshan	
33	Anjeet Balprasad Kumbhar	
37	Meguis Mascarenhas	
14	Steve Dabre	
12	Aaron Coutinho	
17	Manas Phanawade	
16	Ayush Deshmukh	
18	Nathan Dsilva	
22	Mark Fernandes	
04	Antony Daniel	
01	Asad Ali Abidi	
42	Aakash Nune	
45	Manthan PARMAR	
60	Sharan Shetty	
22	Mark Fernandes	
67	Simran Tiwari	
55	Sam Saji	
49 53	Krish Parmar Pooja Raut	



XAVIER INSTITUTE OF ENGINEERING

Mahim, Mumbai 400016

Department of Information Technology

(NBA Accredited)

(Approved by AICTE, Govt. of Maharashtra and Affiliated to University of Mumbai)

Title of the event: “LinkedIn Profile Building Program”

Event Date / Time: 28th March 2024 3.30 PM

Event Coordinators: Mr Naveen Kukreja

Details of Resource Person: Representative from “Aspire For”

No. of Participants: 58

Class/Semester: TE IT /VI

Objectives: To make student aware about various opportunities through Linked-in profile building.

Description: Introduction:

On the 28th of March 2024, Xavier Institute of Engineering hosted a LinkedIn Workshop in collaboration with “Aspire For” her. The workshop aimed to empower students with the knowledge and tools necessary to create a compelling LinkedIn profile and leverage the platform for professional growth and networking opportunities.

Event Overview:

The workshop commenced with an introduction to the significance of a well-crafted LinkedIn profile in today's professional landscape. The representatives from “Aspire For” Her elaborated on the multifaceted benefits of maintaining an active presence on LinkedIn, highlighting its role as not just a digital resume, but also a gateway to networking, career opportunities, and industry insights.

Program Highlights:

- **LinkedIn Premium Vouchers:** All participating students, spanning from first-year to final-year, were offered complimentary LinkedIn Premium vouchers valid for six months. This premium upgrade, worth Rs. 9,000, provides access to advanced features aimed at enhancing their LinkedIn experience.
- **Training Sessions:** The workshop included comprehensive training sessions conducted by industry experts, focusing on LinkedIn profile optimization. Students were guided on crafting compelling profiles that effectively showcase their skills, experiences, and aspirations to potential employers and professional networks.

Eligibility and Benefits:

- The program was open to students aged 16 and above, across all educational streams.

- Students were encouraged to create new LinkedIn accounts in collaboration with their trainers to maximize the impact of their profiles.
- The workshop emphasized the following benefits for participants:
- Enriched LinkedIn profiles tailored to attract attention from recruiters and industry professionals.
- InMail credits to facilitate networking and mentorship opportunities.
- Access to learning resources and skill development initiatives.
- Establishment of a strong social presence and personal brand.
- Utilization of advanced search filters for effective networking.
- Gain a competitive advantage in the job market.

Conclusion:

The LinkedIn Workshop at Xavier Institute of Engineering provided students with a valuable opportunity to enhance their professional profiles and establish a strong presence on the world's leading professional networking platform. By equipping participants with the necessary skills and resources, the workshop aimed to empower students to navigate the competitive job market with confidence and proficiency.

Feedback: Students appreciated the program by giving positive feedback of the session.

POs achieved: PO5, PO8, PO10, PO11, PO12

Brochure:



LINKEDIN PROFILE

BUILDING PROGRAM

UNLOCK YOUR POTENTIAL. LAUNCH YOUR CAREER.

LinkedIn
Connect to Opportunity™

ELEVATE YOUR PROFILE WITH FREE LINKEDIN PREMIUM

- Expert-Led Training Sessions
- Exclusively for 3rd Year Xavier Institute of Engineering Students
- Build a Stellar LinkedIn Profile

REASONS TO JOIN

- Enhanced Profile & InMail Credits
 - Networking & Mentorship Opportunities
 - Skill Development & Brand Building
 - Advanced Networking & Search Filters
 - Gain a Competitive Advantage
 - Stand Out in the Job Market
- Boost Your Career Prospects

**6 MONTHS OF
PREMIUM
MEMBERSHIP
(WORTH RS.
9,000)**

PROGRAM DETAILS:

DATE:

MARCH 28TH, 2024

VENUE:

**XIE SEMINAR HALL (2ND
FLOOR)**

REGISTER NOW!

**(LIMITED SEATS
AVAILABLE)**

For any queries :-

Harshvardhan Gupta - 8451937289 | Shreya Jadhav - 9579655086

Event Photo:



Linked-in Profile Building Session on-going

Naveen Kukreja

Mr Naveen Kukreja
Event Coordinator

Jaychand Upadhyay

Dr Jaychand Upadhyay
HOD-IT



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

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ACTIVITY REPORT on Aptitude Test

Organized By:	Prof. Kirti Motwani (Dept. of Computer Engineering)
Date of the Event:	23/04/2024
Venue:	Online (XIE MOODLE)
Name of the Speaker(s):	--
Designation and Organization of the Speaker(s) :	--
Participants Details:	SE-Comps and TE-Comps
Number of Participants:	89

OBJECTIVE(s):

- To assess and improve the aptitude skills of students.
- To prepare students for upcoming placement and competitive exams.
- To identify areas of improvement in aptitude skills.

TOPIC: Aptitude Tests for classes SE-Comps and TE-Comps

EVENT OUTCOME(s):

- Students gained exposure to different types of aptitude questions.
- Identified their strengths and areas needing improvement in aptitude skills.
- Enhanced confidence in tackling aptitude-based challenges.

KEY POINTS:

- Overview of different sections in aptitude tests (Quantitative, Verbal, Logical Reasoning).
- Strategies for time management during aptitude tests.
- Tips for solving complex problems efficiently.
- Importance of practice and continuous learning in aptitude preparation.
- Resources and tools available for aptitude test practice.

FEEDBACK:

Students were satisfied with the test and would like more such tests in future.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Event Outcome	3							2	2			2	2	2



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(Affiliated to University of Mumbai)

SE_Apt2_23-24

Not secure 14.142.126.125/moodle/mod/quiz/attempt.php?attempt=43306&cmid=3787

Comp_Dept_Library... Discrete Mathemat... research methodolo... Electronics & Comp... Ethical Hacking MC... B.E. Central Railway Mu...

Aptitude Test

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Dashboard > My courses > Apti > Computer Engineering > SE_Apt2_23-24 > Preview

You can preview this quiz, but if this were a real attempt, you would be blocked because:

This quiz is not currently available

Question 1
Not yet attempted
Marked out of 1.00
Flag question

There is 60% increase in an amount in 6 years at simple interest. What will be the compound interest of Rs. 12,000 after 3 years at the same rate?

Select one:

- a. Rs. 3972
- b. Rs. 3120
- c. Rs. 6240
- d. Rs. 2160

Question 2
Not yet attempted
Marked out of 1.00
Flag question

Seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?

Select one:

- a. 2 : 3 : 4
- b. None of these
- c. 6 : 7 : 8
- d. 8 : 6 : 9

Quiz navigation

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30						

Finish attempt ...

Start a new preview

Navigation

Dashboard

Site home

Activate Windows
Go to Settings to activate Windows.

Username	First name	Last name	Email	Group	Status	Started on	Completed	Time spent	Attempts	Q 1 (1.0)	Q 2 (1.0)	Q 3 (1.0)	Q 4 (1.0)	Q 5 (1.0)	Q 6 (1.0)	Q 7 (1.0)	Q 8 (1.0)	Q 9 (1.0)	Q 10 (1.0)	Q 11 (1.0)	Q 12 (1.0)	
RAM RAJ SINGH	RAM RAJ	SINGH	20210102	Default	Failed	20-04-2024 11:51	20-04-2024 12:26	21 mins 7 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADITYA RAJESH	ADITYA	RAJESH	20210103	Default	Failed	20-04-2024 12:33	20-04-2024 12:39	35 mins 1 sec	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH PRASAD	ADARSH	PRASAD	20210104	Default	Failed	20-04-2024 12:31	20-04-2024 13:15	14 mins 43 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANAND SURESH	ANAND	SURESH	20210105	Default	Failed	21-04-2024 16:06	21-04-2024 16:56	20 mins 23 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SURESH SHREY JOH NIEL	SURESH	SHREY JOH NIEL	20210106	Default	Failed	20-04-2024 16:08	20-04-2024 17:04	18 mins 14 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IRISHAN KLEER	IRISHAN	KLEER	20210107	Default	Failed	22-04-2024 10:01	22-04-2024 11:00	8 mins 39 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KARISHA PRESHY PATIL	KARISHA	PRESHY PATIL	20210108	Default	Failed	22-04-2024 10:34	22-04-2024 11:09	14 mins 23 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STEVE DALEBY	STEVE	DALEBY	20210109	Default	Failed	22-04-2024 10:18	22-04-2024 12:49	90 mins	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SAVITO-ABDUL-SAMIR	SAVITO-ABDUL	SAMIR	20210110	Default	Failed	22-04-2024 12:28	22-04-2024 13:29	29 mins 13 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KAROL STEPHEN	KAROL	STEPHEN	20210112	Default	Failed	20-04-2024 12:45	20-04-2024 13:13	24 mins 45 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SANJAY ANANDY	SANJAY	ANANDY	20210116	Default	Failed	22-04-2024 13:17	22-04-2024 13:26	9 mins 28 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RYUSHI MITR	RYUSHI	MITR	20210115	Default	Failed	22-04-2024 13:17	22-04-2024 13:26	21 mins 17 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARALAKSHY	SHARALAKSHY		20210116	Default	Failed	22-04-2024 13:16	22-04-2024 13:27	9 mins 21 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANUSHAN VISHAL	ANUSHAN	VISHAL	20210117	Default	Failed	22-04-2024 13:20	22-04-2024 13:30	8 mins 10 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANANDY JAYSH	ANANDY	JAYSH	20210111	Default	Failed	22-04-2024 13:26	22-04-2024 13:30	1 min 22 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KATARA SURESH KALHAR	KATARA	SURESH KALHAR	20210108	Default	Failed	22-04-2024 13:43	22-04-2024 13:55	11 mins 59 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHANTANU SUDAN	SHANTANU	SUDAN	20210107	Default	Failed	22-04-2024 14:04	22-04-2024 14:26	25 mins 38 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEELANANDHAR	NEELANANDHAR		20210108	Default	Failed	22-04-2024 14:04	22-04-2024 14:26	21 mins 38 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SARAD JOHN	SARAD	JOHN	20210107	Default	Failed	22-04-2024 14:16	22-04-2024 14:35	19 mins 27 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADITHYAN	ADITHYAN		20210107	Default	Failed	22-04-2024 14:16	22-04-2024 14:35	19 mins 27 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALICHA HENRY	ALICHA	HENRY	20210107	Default	Failed	22-04-2024 14:16	22-04-2024 14:35	19 mins 27 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YOGESH KIRAN	YOGESH	KIRAN	20210104	Default	Failed	22-04-2024 15:37	22-04-2024 15:52	14 mins 39 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHANTANU	SHANTANU		20210107	Default	Failed	22-04-2024 15:36	22-04-2024 15:50	3 mins 28 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANAND NEELISH	ANAND	NEELISH	20210107	Default	Failed	22-04-2024 15:39	22-04-2024 15:50	11 mins 24 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANANTHAN SURESH	ANANTHAN	SURESH	20210107	Default	Failed	22-04-2024 15:37	22-04-2024 15:51	17 mins 45 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOVY NEELISH	NOVY	NEELISH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH NEELISH	ADARSH	NEELISH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUTAR SURESH	AUTAR	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POOJA YOGESH	POOJA	YOGESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024 15:54	20 mins 16 secs	0/27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADARSH SURESH	ADARSH	SURESH	20210103	Default	Failed	22-04-2024 15:35	22-04-2024															

ACTIVITY REPORT on “Resume Writing”

Organized By:	Manali Tayade Electronics and Telecommunication Department
Date of the Event:	03/08/2023
Venue:	LH -02
Name of the Speaker(s):	Prof. Naveen Kukrecha
Designation and Organization of the Speaker(s) :	Training and Placement Officer, Xavier Institute of Engineering, Mahim, Mumbai
Participants Details:	S.E (EXTC)
Number of Participants:	40

OBJECTIVE(S):

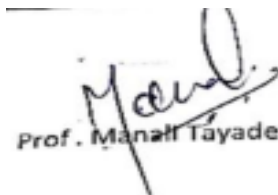
1. To equip students with the fundamental knowledge of resume writing for demonstrating their skills and expertise to get ready for an interview.
2. To Prepare students for resume writing to show their skills and potential.

EXPECTED OUTCOME: Students are able to successfully complete resume writing and show their skills which can make them ready for the placements.

SHORT PROFILE OF RESOURCE PERSON: Mr. Naveen Kukrecha is the TPO Coordinator in Xavier Institute of Engineering, Mahim.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Mapping			3				3	3				3


Prof. Manali Tayade



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO Activity

Academic Year: 2023-24 Semester: III

Topic: Resume Date: 3/8/23 Time: 2-30-3-30 PM

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202202001	BENITA BINOY		33.	202202033	NARSING AAYUSH ASHISH	AAYUSH
2.	202202002	JENITH MURUGESAN		34.	202202034	NIKAM SAHIL SACHIN	Sahil
3.	202202003	R NANDITHA RAMESH		35.	202202035	PALDE AYUSH VIJAY	
4.	202202004	BHATADE VEDANT SANDEEP		36.	202202036	PANCHAL ROHAN RAKESH	
5.	202202005	CHAUDHARY SAHIL SURESH		37.	202202037	PASHTE VAISHNAV PRAVIN	
6.	202202006	CHAURASIA ARPIT SUBHASH		38.	202202038	PRAJAPATI ANKITKUMAR DURBAL	
7.	202202007	CHETTY SALOME RAYAPPAN		39.	202202039	RANE PARTH MILIND	
8.	202202008	CHINDARKAR ADITYA YOGESH		40.	202202040	SANAP PIYUSH KESHAV KESHAV	
9.	202202009	CHORGE SOHAM GANESH		41.	202202041	SAWANT MAITHILY VISHWANATH	
10.	202202010	DABHOLKAR ARBIYA NASIR		42.	202202042	SAWANT PRANAY PRAMOD	
11.	202202011	DESAI SHUBHAM VIKAS		43.	202202043	SHARMA DEVANSH UMESH	
12.	202202012	DHOPAT PRANAY ARVIND		44.	202202044	SHETIYAR SACHIN SIVAKUMAR	
13.	202202013	DUDYALA VINAY LAXMAN		45.	202202045	SHINDE ARCHITA SANTOSH	
14.	202202014	DWIVEDI SANIDHYA BRAHMANAND		46.	202202046	SHIVALKAR AAYUSH NILESH	
15.	202202015	GANGA SAIKIRAN DEENADAYALU GANGA		47.	202202047	SHUKLA SMITA RAKESH	
16.	202202016	GAWDE SHUBHAM SUNIL		48.	202202048	SINGH KAJAL SHANKAR	
17.	202202017	GHARAT PURVA BHUPENDRA		49.	202202049	TAWAR VANSH ASHISH	
18.	202202018	GURAV TEJAS AJIT		50.	202202050	THOKLE SHUBH DEEPAK	
19.	202202019	HARSH ANURAG -		51.	202202051	VANGARI ABHISHEK YADGIRI	
20.	202202020	JADHAV AYUSHMAAN PRADEEP		52.	202202052	VANJIWALE SOHAM SANJAY	
21.	202202021	JAT MUKESH DEVILAL		53.	202202053	VANMALI KAUSHAL ASHISH	
22.	202202022	KALE PIYUSH SUNIL		54.	202202054	WORLIKAR PIYUSH	
23.	202202023	KAREKAR PUSHKAR NIPENDRA		55.	202202055	YADAV ARPIT CHANDRA PRAKASH	
24.	202202024	KASHAVOINA SREEJA CHANDRASHEKAR		56.	202202056	YADAV PRABHAKAR CHITBAHAL	
25.	202202025	KHAN MOHD SAUD MAKBUL AHMED		57.	202202057	YADAV SUNIL SHOBHNATH	
26.	202202026	LUSHTE PRATIK LAHU		58.		RAHATE SOHAM	
27.	202202027	MACHHI MANISHIKA MUKESH		59.			
28.	202202028	MARKE GAURAV subhash		60.			
29.	202202029	MHATRE ATHARV KESARINATH		61.			
30.	202202030	MISHRA ABHAY PRAVIN		62.			
31.	202202031	MODAK MRUNMAYI VIKAS		63.			
32.	202202032	MOHITE SOHAM SHIVAJI		64.			

Total: 58 Students

Present	40	Absent	
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Prof. Manali Tayade

ACTIVITY REPORT on “Group Discussion”

Organized By:	Manali Tayade, Electronics and Telecommunication Department
Date of the Event:	10/08/2023
Venue:	LH -09
Name of the Speaker(s):	-
Designation and Organization of the Speaker(s) :	-
Participants Details:	S.E (EXTC)
Number of Participants:	39

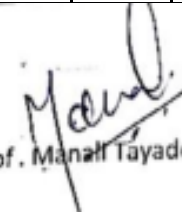
OBJECTIVE(S):

1. To equip students to analyze complex situations, identify key issues, and propose effective solutions collaboratively.
2. To Prepare students to evaluate participants' ability to articulate their thoughts clearly, listen actively to others, and engage in constructive dialogue.

EXPECTED OUTCOME: Students are able to work collaboratively with others, share responsibilities, and contribute constructively to achieve common goals in group discussions also to learn decision-making techniques, such as consensus-building and prioritization, to reach informed decisions collectively during group discussions.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Mapping			3				3	3				3


Prof. Manali Tayade

XIE Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering
(Programme accredited by National Board of Accreditation - NBA)

TPO Activity

Academic Year: 2023-24 Semester: III

Topic: GD Date: 18/8/23 Time: 2:30-3:30 PM

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202202001	BENITA BINOY	<i>[Signature]</i>	33.	202202033	NARSING AAYUSH ASHISH	<i>[Signature]</i>
2.	202202002	JENITH MURUGESAN	<i>[Signature]</i>	34.	202202034	NIKAM SAHIL SACHIN	<i>[Signature]</i>
3.	202202003	R NANDITHA RAMESH	<i>[Signature]</i>	35.	202202035	PALDE AYUSH VIJAY	
4.	202202004	BHATADE VEDANT SANDEEP	<i>[Signature]</i>	36.	202202036	PANCHAL ROHAN RAKESH	
5.	202202005	CHAUDHARY SAHIL SURESH	<i>[Signature]</i>	37.	202202037	PASHTE VAISHNAV PRAVIN	
6.	202202006	CHAURASIA ARPIT SUBHASH	<i>[Signature]</i>	38.	202202038	PRAJAPATI ANKITKUMAR DURBAL	<i>[Signature]</i>
7.	202202007	CHETTY SALOME RAYAPPAN	<i>[Signature]</i>	39.	202202039	RANE PARTH MILIND	<i>[Signature]</i>
8.	202202008	CHINDARKAR ADITYA YOGESH	<i>[Signature]</i>	40.	202202040	SANAP PIYUSH KESHAV KESHAV	<i>[Signature]</i>
9.	202202009	CHORGE SOHAM GANESH	<i>[Signature]</i>	41.	202202041	SAWANT MAITHILY VISHWANATH	<i>[Signature]</i>
10.	202202010	DABHOLKAR ARBIYA NASIR	<i>[Signature]</i>	42.	202202042	SAWANT PRANAY PRAMOD	<i>[Signature]</i>
11.	202202011	DESAI SHUBHAM VIKAS	<i>[Signature]</i>	43.	202202043	SHARMA DEVANSH UMESH	<i>[Signature]</i>
12.	202202012	DHOPAT PRANAY ARVIND	<i>[Signature]</i>	44.	202202044	SHETIYAR SACHIN SIVAKUMAR	
13.	202202013	DUDYALA VINAY LAXMAN	<i>[Signature]</i>	45.	202202045	SHINDE ARCHITA SANTOSH	<i>[Signature]</i>
14.	202202014	DWIVEDI SANIDHYA BRAHMANAND	<i>[Signature]</i>	46.	202202046	SHIVALKAR AAYUSH NILESH	
15.	202202015	GANGA SAIKIRAN DEENADAYALU GANGA	<i>[Signature]</i>	47.	202202047	SHUKLA SMITA RAKESH	<i>[Signature]</i>
16.	202202016	GAWDE SHUBHAM SUNIL	<i>[Signature]</i>	48.	202202048	SINGH KAJAL SHANKAR	<i>[Signature]</i>
17.	202202017	GHARAT PURVA BHUPENDRA	<i>[Signature]</i>	49.	202202049	TAWAR VANSH ASHISH	<i>[Signature]</i>
18.	202202018	GURAV TEJAS AJIT	<i>[Signature]</i>	50.	202202050	THOKLE SHUBH DEEPAK	<i>[Signature]</i>
19.	202202019	HARSH ANURAG -		51.	202202051	VANGARI ABHISHEK YADGIRI	<i>[Signature]</i>
20.	202202020	JADHAV AYUSHMAAN PRADEEP		52.	202202052	VANJIWALE SOHAM SANJAY	<i>[Signature]</i>
21.	202202021	JAT MUKESH DEVILAL	<i>[Signature]</i>	53.	202202053	VANMALI KAUSHAL ASHISH	
22.	202202022	KALE PIYUSH SUNIL	<i>[Signature]</i>	54.	202202054	WORLIKAR PIYUSH	<i>[Signature]</i>
23.	202202023	KAREKAR PUSHKAR NIPENDRA		55.	202202055	YADAV ARPIT CHANDRA PRAKASH	<i>[Signature]</i>
24.	202202024	KASHAVOINA SREEJA CHANDRASHEKAR	<i>[Signature]</i>	56.	202202056	YADAV PRABHAKAR CHITBAHAL	<i>[Signature]</i>
25.	202202025	KHAN MOHD SAUD MAKBUL AHMED		57.	202202057	YADAV SUNIL SHOBHNATH	<i>[Signature]</i>
26.	202202026	LUSHTE PRATIK LAHU	<i>[Signature]</i>	58.		RAHATE SOHAM	
27.	202202027	MACHHI MANISHIKA MUKESH	<i>[Signature]</i>	59.			
28.	202202028	MARKE GAURAV subhash	<i>[Signature]</i>	60.			
29.	202202029	MHATRE ATHARV KESARINATH		61.			
30.	202202030	MISHRA ABHAY PRAVIN	<i>[Signature]</i>	62.			
31.	202202031	MODAK MRUNMAYI VIKAS	<i>[Signature]</i>	63.			
32.	202202032	MOHITE SOHAM SHIVAJI	<i>[Signature]</i>	64.			

Total: 58 Students

Present	<u>54</u>	Absent	
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Prof. Manoj Jayade

ACTIVITY REPORT on “Group Discussion”

Organized By:	Manali Tayade, Electronics and Telecommunication Department
Date of the Event:	07/09/2023
Venue:	LH -09
Name of the Speaker(s):	-
Designation and Organization of the Speaker(s) :	-
Participants Details:	S.E (EXTC)
Number of Participants:	39

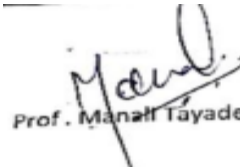
OBJECTIVE(S):

1. To equip students to analyze complex situations, identify key issues, and propose effective solutions collaboratively.
2. To Prepare students to evaluate participants' ability to articulate their thoughts clearly, listen actively to others, and engage in constructive dialogue.

EXPECTED OUTCOME: Students are able to work collaboratively with others, share responsibilities, and contribute constructively to achieve common goals in group discussions also to learn decision-making techniques, such as consensus-building and prioritization, to reach informed decisions collectively during group discussions.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Mapping			3				3	3				3


 Prof. Manali Tayade

XIE Xavier Institute of Engineering
Maitm, Mumbai 400016

Department of Electronics and Telecommunication Engineering
(Programme accredited by National Board of Accreditation - NBA)

TPO Activity

Academic Year: 2023-24 Semester: III

Topic: G.D Date: 7/9/23 Time: 2.30 PM - 3.30 PM

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202202001	BENITA BINOY		33.	202202033	NARSING AAYUSH ASHISH	
2.	202202002	JENITH MURUGESAN		34.	202202034	NIKAM SAHIL SACHIN	
3.	202202003	R NANDITHA RAMESH		35.	202202035	PALDE AYUSH VIJAY	
4.	202202004	BHATADE VEDANT SANDEEP		36.	202202036	PANCHAL ROHAN RAKESH	
5.	202202005	CHAUDHARY SAHIL SURESH		37.	202202037	PASHTE VAISHNAV PRAVIN	
6.	202202006	CHAURASIA ARPIT SUBHASH		38.	202202038	PRAJAPATI ANKITKUMAR DURBAL	
7.	202202007	CHETTY SALOME RAYAPPAN		39.	202202039	RANE PARTH MILIND	
8.	202202008	CHINDARKAR ADITYA YOGESH		40.	202202040	SANAP PIYUSH KESHAV KESHAV	
9.	202202009	CHORGE SOHAM GANESH		41.	202202041	SAWANT MAITHILY VISHWANATH	
10.	202202010	DABHOLKAR ARBIYA NASIR		42.	202202042	SAWANT PRANAY PRAMOD	
11.	202202011	DESAI SHUBHAM VIKAS		43.	202202043	SHARMA DEVANSH UMESH	
12.	202202012	DHOPAT PRANAY ARVIND		44.	202202044	SHETIYAR SACHIN SIVAKUMAR	
13.	202202013	DUDYALA VINAY LAXMAN		45.	202202045	SHINDE ARCHITA SANTOSH	
14.	202202014	DWIVEDI SANIDHYA BRAHMANAND		46.	202202046	SHIVALKAR AAYUSH NILESH	
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18.	202202018	GURAV TEJAS AJIT		50.	202202050	THOKLE SHUBH DEEPAK	
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31.	202202031	MODAK MRUNMAYI VIKAS		63.			
32.	202202032	MOHITE SOHAM SHIVAJI		64.			

Total: 58 Students

Present		Absent	
---------	--	--------	--

Prof. Manali Kayade

ACTIVITY REPORT on “Aptitude Test”

Organized By:	Manali Tayade Electronics and Telecommunication Department
Date of the Event:	14/09/2023
Venue:	LH -09
Name of the Speaker(s):	-
Designation and Organization of the Speaker(s) :	-
Participants Details:	S.E (EXTC)
Number of Participants:	37

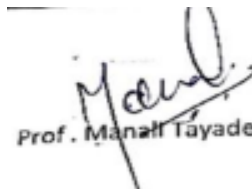
OBJECTIVE(S):

1. To provide students with accurate assess and evaluate their cognitive abilities, problem-solving skills, and aptitude in various domains, in order to understand their strengths and areas for improvement.
2. To measure the student's proficiency in critical thinking, problem-solving, numerical reasoning, verbal reasoning, and abstract reasoning skills.

EXPECTED OUTCOME: Students are successfully able to maximize their potential, whether it be in academic pursuits, career advancement, or personal development also by testing results they can understand their strengths and areas for improvement.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Mapping			3				3	3				3


Prof. Manali Tayade

Q.1 A shopkeeper sells an article at a profit of 20%. If the cost price is Rs.250, what is the selling price?

- A. 500
- B. 300
- C. 50
- D. 450

Q.2 In 2003, there are 28 days in February and there are 365 days in the year. In 2004, there are 29 days in February and there are 366 days in the year. If the date March 11, 2003 is a Tuesday, then which one of the following would be the date March 11, 2004 be?

- A. Wednesday
- B. Thursday
- C. Monday
- D. Friday

Q.3 A mother is twice as old as her son. If 20 years ago, the age of the mother was 10 times the age of the son, what is the present age of the mother?

- A. 38 years
- B. 40 years
- C. 43 years
- D. 45 years

Q.4) Two ships are sailing in the sea on the two sides of a lighthouse. The angles of elevation of the top of the lighthouse observed from the ships are 30° and 45° respectively. If the lighthouse is 100m high, find the distance between the two ships.

- A. 155.80 m
- B. 157.80 m
- C. 159.80 m
- D. 163.5 m

Q.5) Earth travels around Sun @ approximately 18.5 miles/second. This speed is how many miles per hour?

- A. 1,080
- B. 1,160
- C. 64,800

D. 66,600

Q.6) Cost of a camera including 15% duty was Rs.4600. What was the price at which the camera was bought?

A. Rs.3910

B. Rs.4000

C. Rs.4200

D. None of the above

Q.7 A rectangular room can be partitioned into two equal square rooms by a 7 m long partition. Find the area of the rectangular room.

A. 49 sq. m

B. 98 sq. m

C. 147 sq. m

D. None of these

Q.8) Total age of A and B is 12 years more than the total age of B and C. By how many years is C younger than A?

A. 12 years

B. 24 years

C. Data insufficient

D. None of these

Q.9) Six members of a family, M, N, O, P, and Q are travelling together. M is the son of N, but N is not the mother of M. L and N are a married couple. P is the brother of N. O is the daughter of L. Q is the brother of M. How many male members are there in the family?

A. 4

B. 3

C. 2

D. 1

Q.10) The ratio between the speeds of two trains is 7:8. If the second train runs 440 kms in 4 hours, then the speed of the first train is:

A. 96.25 km/hr

B. 98.25 km/hr

C. 90.75 km/hr

D. 96.50 km/hr



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO Activity

Academic Year: 2023-24 Semester: III

Topic: Aptitude Date: 14/9/23 Time: 2:30-3:30 PM

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202202001	BENITA BINOY	<i>[Signature]</i>	33.	202202033	NARSING AAYUSH ASHISH	
2.	202202002	JENITH MURUGESAN		34.	202202034	NIKAM SAHIL SACHIN	<i>[Signature]</i>
3.	202202003	R NANDITHA RAMESH		35.	202202035	PALDE AYUSH VIJAY	
4.	202202004	BHATADE VEDANT SANDEEP	<i>[Signature]</i>	36.	202202036	PANCHAL ROHAN RAKESH	
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6.	202202006	CHAURASIA ARPIT SUBHASH	<i>[Signature]</i>	38.	202202038	PRAJAPATI ANKITKUMAR DURBAL	<i>[Signature]</i>
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31.	202202031	MODAK MRUNMAYI VIKAS	<i>[Signature]</i>	63.			
32.	202202032	MOHITE SOHAM SHIVAJI		64.			

Total: 58 Students

Present	57	Absent	
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Prof. Mahali Tayade



ACTIVITY REPORT on “Aptitude Test”

Organized By:	Manali Tayade Electronics and Telecommunication Department
Date of the Event:	05/10/2023
Venue:	LH -09
Name of the Speaker(s):	-
Designation and Organization of the Speaker(s) :	-
Participants Details:	S.E (EXTC)
Number of Participants:	32

OBJECTIVE(S):

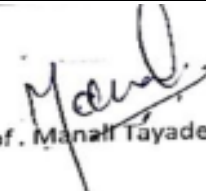
1. To provide students with accurate assess and evaluate their cognitive abilities, problem-solving skills, and aptitude in various domains, in order to understand their strengths and areas for improvement.
2. To measure the student's proficiency in critical thinking, problem-solving, numerical reasoning, verbal reasoning, and abstract reasoning skills.

EXPECTED OUTCOME: Students are successfully able to empower with the knowledge, skills, and self-awareness needed to excel academically, professionally, and personally.

Students are successfully able to maximize their potential, whether it be in academic pursuits, career advancement, or personal development also by testing results they can understand their strengths and areas for improvement.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PO Mapping			3				3	3				3


Prof. Manali Tayade

Q.1 A shopkeeper sells an article at a profit of 20%. If the cost price is Rs.250, what is the selling price?

- A. 500
- B. 300
- C. 50
- D. 450

Q.2 If 12 workers can build a wall in 9 days, how many days will it take for 8 workers to build the same wall?

- A. 12 days
- B. 10 days
- C. 8 days
- D. 13.5 days

Q.3 If S were twice as old as he is, he would be 40 years older than J. J is 10 years younger than S.

How old is S?

- A. 30 yrs
- B. 40 yrs
- C. 50 yrs
- D. 20 yrs

Q.4 The gross income of a person is Rs. 25,000. 20% of his income is exempted from income-tax and the rate of income tax is 5%. His net income is.

- A. 24000
- B. 24500
- C. 23500
- D. None of these

Directions: Mr and Mrs. Sharma have two children Asha and Shashi. Shashi married Radha, daughter of Mrs. Mahajan. Suresh, son of Mrs. Mahajan marries Rita. Sonu and Rocky are born to Suresh and Rita. Uma and Sudha are the daughters of Shashi and Radha.

(Question 5 to 7 based on above directions)

Q.5 How is Suresh related to Sudha?

- A. brother
- B. maternal uncle

- C. uncle
- D. cousin

Q.6 How is Sonu related to Mr. Mahajan?

- A. son-in-law
- B. grandson
- C. son
- D. none of these

Q.7 What is Sudha's relation to Asha?

- A. sister
- B. niece
- C. aunt
- D. daughter

Q.8 A woman says, "If you reverse my own age, the figures represent my husband's age. He is, of course, senior to me and the difference between our ages is one-eleventh of their sum." The woman's age is

- A. 23 years
- B. 34 years
- C. 45 years
- D. None of these

Q.9 A said to B, "I am 15 years older than you. After 5 years my age will be double of your age." Then the present age of A is

- A. 10 years
- B. 15 years
- C. 20 years
- D. 25 years

Q.10 A taxi driver commenced his journey from a point and drove 10 km towards north and turned to his left and drove another 5 km. After waiting to meet a friend here, he turned to his right and continued to drive another 10 km. He has covered a distance of 25 km so far, but in which direction would he be now?

- A. North
- B. East
- C. South
- D. West

TPO Activity

Academic Year: 2023-24 Semester: III

Topic: Apti Test Date: 5/10/23 Time: 2.30 - 3.30 PM

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202202001	BENITA BINOY	<i>Bino</i>	33.	202202033	NARSING AAYUSH ASHISH	
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3.	202202003	R NANDITHA RAMESH	<i>R.</i>	35.	202202035	PALDE AYUSH VIJAY	
4.	202202004	BHATADE VEDANT SANDEEP	<i>Bhatade</i>	36.	202202036	PANCHAL ROHAN RAKESH	
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6.	202202006	CHAURASIA ARPIT SUBHASH	<i>Arpit</i>	38.	202202038	PRAJAPATI ANKITKUMAR DURBAL	<i>Durbal</i>
7.	202202007	CHETTY SALOME RAYAPPAN	<i>Chetty</i>	39.	202202039	RANE PARTH MILIND	<i>Rane</i>
8.	202202008	CHINDARKAR ADITYA YOGESH	<i>Aditya</i>	40.	202202040	SANAP PIYUSH KESHAV KESHAV	<i>Piyush</i>
9.	202202009	CHORGE SOHAM GANESH	<i>Soham</i>	41.	202202041	SAWANT MAITHILY VISHWANATH	<i>Maithily</i>
10.	202202010	DABHOLKAR ARBIYA NASIR		42.	202202042	SAWANT PRANAY PRAMOD	<i>Pranay</i>
11.	202202011	DESAI SHUBHAM VIKAS		43.	202202043	SHARMA DEVANSH UMESH	<i>Devansh</i>
12.	202202012	DHOPAT PRANAY ARVIND		44.	202202044	SHETIYAR SACHIN SIVAKUMAR	
13.	202202013	DUDYALA VINAY LAXMAN	<i>Vinay</i>	45.	202202045	SHINDE ARCHITA SANTOSH	<i>Archita</i>
14.	202202014	DWIVEDI SANIDHYA BRAHMANAND	<i>Sanidhya</i>	46.	202202046	SHIVALKAR AAYUSH NILESH	
15.	202202015	GANGA SAIKIRAN DEENADAYALU GANGA	<i>Saikiran</i>	47.	202202047	SHUKLA SMITA RAKESH	
16.	202202016	GAWDE SHUBHAM SUNIL	<i>Shubham</i>	48.	202202048	SINGH KAJAL SHANKAR	
17.	202202017	GHRAT PURVA BHUPENDRA	<i>Purva</i>	49.	202202049	TAWAR VANSH ASHISH	<i>Vanish</i>
18.	202202018	GURAV TEJAS AJIT	<i>Tejas</i>	50.	202202050	THOKLE SHUBH DEEPAK	
19.	202202019	HARSH ANURAG -		51.	202202051	VANGARI ABHISHEK YADGIRI	<i>Abhishek</i>
20.	202202020	JADHAV AYUSHMAAN PRADEEP		52.	202202052	VANJIWALE SOHAM SANJAY	<i>Soham</i>
21.	202202021	JAT MUKESH DEVILAL		53.	202202053	VANMALI KAUSHAL ASHISH	
22.	202202022	KALE PIYUSH GUNIL		54.	202202054	WORLIKAR PIYUSH	<i>Piyush</i>
23.	202202023	KAREKAR PUSHKAR NIPENDRA		55.	202202055	YADAV ARPIT CHANDRA PRAKASH	<i>Arpit</i>
24.	202202024	KASHAVOINA SREEJA CHANDRASHEKAR	<i>Sreeja</i>	56.	202202056	YADAV PRABHAKAR CHITBAHAL	
25.	202202025	KHAN MOHD SAUD MAKBUL AHMED		57.	202202057	YADAV SUNIL SHOBHNATH	
26.	202202026	LUSHTE PRATIK LAHU	<i>Pratik</i>	58.		RAHATE SOHAM	
27.	202202027	MACHHI MANISHIKA MUKESH	<i>Manishika</i>	59.		Aishwarya Dhamapurkar	<i>Aishwarya</i>
28.	202202028	MARKE GAURAV subhash	<i>Gaurav</i>	60.		Manali Lad	<i>Manali</i>
29.	202202029	MHATRE ATHARV KESARINATH	<i>Atharv</i>	61.		Shruti Surve	<i>Shruti</i>
30.	202202030	MISHRA ABHAY PRAVIN	<i>Abhay</i>	62.		Dron Dalvi	<i>Dron</i>
31.	202202031	MODAK MRUNMAYI VIKAS		63.		Sujal Jain	<i>Sujal</i>
32.	202202032	MOHITE SOHAM SHIVAJI		64.		Kedar Araker	<i>Kedar</i>

Total: 58 Students

Present	41	Absent	
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Arvesh Saw *A. J. Saw*
Sachin Kambli *Sachin*
Durovesh Bedore *Bedore*
Prof. Manali Tayade
Harshad Sawant *Harshad*
Manali



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

ACTIVITY REPORT on Session on Tips for a Group Discussion

Organized By:	Prof. Kirti Motwani (Dept. of Computer Engineering)
Date of the Event:	08/12/2023
Venue:	Software Lab (First Floor, Dept. of Computer Engineering)
Name of the Speaker(s):	Ms. Neha Kesarkar & Mr. Ainsley Cardozo
Designation and Organization of the Speaker(s) :	Data scientist, TCS Full Stack Developer, NavyBlue Energy
Participants Details:	TE-Comps
Number of Participants:	40

OBJECTIVE(s):

- To equip students with effective strategies for participating in group discussions.
- To enhance communication, teamwork, and leadership skills.
- To prepare students for group discussion rounds in placements and competitive exams.

TOPIC: Effective Tips and Strategies for Excelling in Group Discussions

EVENT OUTCOME(s):

- Students learned valuable techniques for contributing to group discussions.
- Increased confidence in speaking up and articulating ideas in a group setting.
- Improved understanding of the dynamics and evaluation criteria of group discussions.
- Gained insights into effective communication and active listening skills.

KEY POINTS:

- Importance of preparation and knowledge of the discussion topic.
- Techniques for initiating and concluding a discussion.
- Strategies for effective participation and ensuring equal contribution.
- Role of body language and non-verbal cues.
- Handling conflicts and disagreements constructively.

FEEDBACK:

The tips and tricks shared during the session were helpful to the students.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Event Outcome								2	2	3		2	2	2



Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

GALLERY:



Motwani

Event Coordinator
Prof. Kirti Motwani
Assistant Professor,
Dept. of Computer Engineering



Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

ACTIVITY REPORT on Mock Interview

Organized By:	Prof. Kirti Motwani (Dept. of Computer Engineering)
Date of the Event:	08/12/2023
Venue:	Software Lab (First Floor, Dept. of Computer Engineering)
Name of the Speaker(s):	Ms. Neha Kesarkar & Mr. Ainsley Cardozo
Designation and Organization of the Speaker(s) :	Data scientist, TCS Full Stack Developer, NavyBlue Energy
Participants Details:	TE-Comps
Number of Participants:	40

OBJECTIVE(s):

- To prepare students for real-world job interviews.
- To enhance students' interviewing skills and boost their confidence.
- To provide students with constructive feedback on their performance.

TOPIC: Mock Interview Practice Session

EVENT OUTCOME(s):

- Students gained practical experience of the interview process.
- Improved student confidence in handling interview questions.
- Enhanced understanding of the expectations of interviewers.
- Received personalized feedback and tips for improvement.

KEY POINTS:

- Importance of first impressions in an interview.
- Commonly asked questions and strategies to answer them effectively.
- Role of body language and non-verbal communication.
- Techniques for handling difficult or unexpected questions.
- Tips for effective resume presentation and content.

FEEDBACK:

Students were satisfied with the way the activity was conducted.

PO MAPPING:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Event Outcome	3	1	1	1				2	2	3		2	2	2

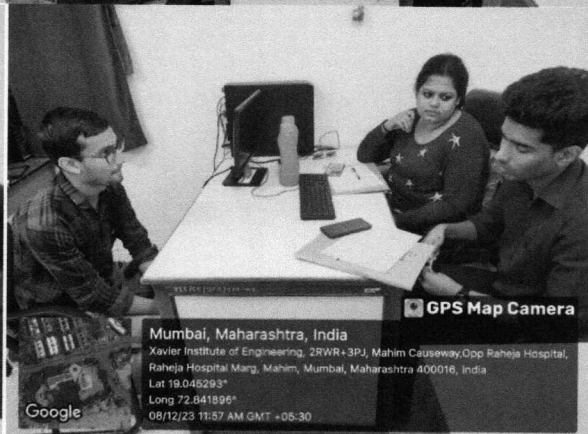
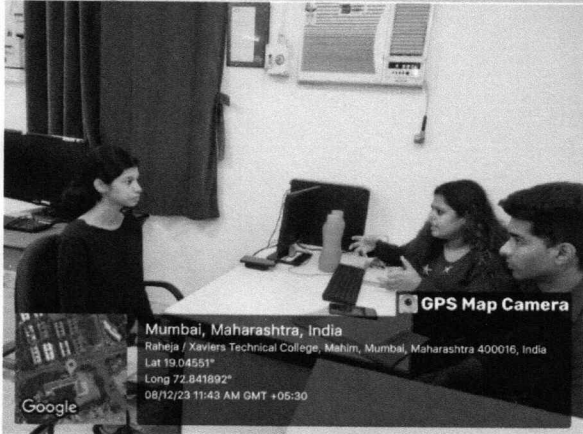


Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

GALLERY:



Motwani

Event Coordinator
Prof. Kirti Motwani
Assistant Professor,
Dept. of Computer Engineering

NEHA KESARKAR

+49 1762 4017 480 | nehakesarkar25@gmail.com | [LinkedIn](#) | Berlin, DE

Education

IUBH | Berlin, DE

July 2024 - Present

MBA, **Artificial Intelligence**

Courses: Artificial Intelligence, Big Data, Performance Measurement, Strategic Management, International Management

University of Mumbai | Mumbai, India

June 2021

Bachelor of Engineering, **Computer Engineering**

7.5 CGPA

Courses: Artificial Intelligence, Machine Learning, Natural Language Processing, DBMS

Technical Skills

Cloud Services:

AWS, Azure

Business Tools:

Excel, Advance Excel, Powerpoint

Technologies:

Data science, Natural Language Processing, Artificial Intelligence, Machine Learning, GenAI, LLM

Programming Languages: Python

Behavioral Skills:

Verbal skills, Team worker, Decision-making, Analytical Thinker, Problem solving, Digital Innovator, Mentor

Experience

Tata Consultancy Services | Data Scientist

July 2021 - June 2024

- Spearheaded innovative solutions and data science research at TCS, driving enhanced client satisfaction and outcomes.
- Proficiently developed and delivered tailored proof of concepts (POCs) encompassing data science, machine learning, and natural language processing expertise.
- Received client appreciation for the Dome POC, highlighting its success in demonstrating the application's capabilities, usability, and potential to meet their specific requirements.
- Demonstrated exceptional leadership managing up to 60 associates across diverse teams, ensuring seamless collaboration and successful project execution.
- Cultivated strong client relationships through customized solutions, consistently meeting or exceeding project milestones and expectations.

Infi Quaser | Associate ML Consultant

Jun 2020 - July 2021

- Developed and implemented innovative solution designs for assigned projects, resulting in a 20% increase in efficiency
- Managed and coordinated multiple cross-functional teams, effectively achieving project milestones ahead by 2 weeks
- Generated comprehensive training materials and resources, reducing the onboarding process for new associates from four weeks to two weeks
- Implemented effective communication strategies to clearly convey project progress and updates to stakeholders, resulting in a 10% increase in client retention rate

Projects

Dome application | TCS, India

Jan 2023 - Apr 2023

- Developed and enriched the Dome application, a versatile digital platform representing various personas and entities, offering a comprehensive user experience.
- Implemented key features, including a recommendation engine, summarization tool, and interactive chatbot, enhancing user accessibility to information and services for improved client convenience.
- Played a pivotal role in unifying resources within Dome, optimizing efficiency and enhancing the overall user experience on a single platform.
- Leveraged machine learning expertise to power Dome's recommendation engine, delivering personalized content and refining content recommendations, ultimately boosting client satisfaction and decision-making processes.

Hasta mudra abhijñānam | TCS, India

- Designed and implemented an Android application that converts Indian sign language into English text and vice versa in real-time
- Developed and trained a machine learning model to accurately recognize Indian sign language gestures with an accuracy of 95%, improving communication accessibility for the hearing-impaired community
- Implemented real-time video processing algorithms that reduced the processing time of sign language recognition from 2 seconds to just 0.5 seconds, enhancing the usability and responsiveness of the system

Document Classification | TCS, India

- Designed and implemented an advanced document classification application with BERT-based document summarization, enhancing content understanding and efficiency.
- Created a hybrid recommendation engine that combines content-based and item-based collaborative filtering to overcome the slow start problem, enabling personalized document recommendations.
- Improved users' information discovery experience by tailoring recommendations based on their preferences and content relevance, streamlining document management and comprehension.
- Showcased expertise in cutting-edge AI technologies, resulting in increased user engagement and satisfaction through personalized content recommendations, contributing to content discovery optimization.

Certifications

- **Azure AI900 | Azure AI Fundamentals**

Feb 2023 - Present

The Azure AI-900 certification has equipped me with a comprehensive understanding of key AI concepts and Microsoft Azure's AI services. It has deepened my knowledge of how AI can be leveraged to solve complex business challenges, enhance data-driven decision-making, and drive innovation. This certification has not only expanded my technical skills but also reinforced my ability to create practical AI solutions that can positively impact organizations and clients.

Extra - Curricular Activities and Personal Interests

Member of CSX (Computer Society of Xaviers)

- Engaged as a member of CSX, an organization responsible for orchestrating educational workshops and lectures, fostering student development and knowledge sharing within the computer science community.

National Service Scheme (NSS) Member

- Actively participated in the National Service Scheme, engaging in community service activities and showcasing a commitment to social responsibility.

Table Tennis Gold Medalist (Sports)

- Awarded a gold medal in table tennis, showcasing dedication, discipline, and sportsmanship.

Passion for Art (Painting)

- Enthusiastic painter with a strong passion for the arts, demonstrating creativity and an eye for detail.

Ainsley Cardozo

Mira Road, Thane, Maharashtra • (983)-385-9009 • ainsleycardozo11@gmail.com • <https://www.linkedin.com/in/ainsley-c-2922k11m/>

SUMMARY

As a software developer specializing in web development and dashboard creation, I have spent the past two years crafting live dashboards and landing websites using modern frameworks. My diverse experience in both field and office settings enables me to effectively support team needs. I am a flexible and hardworking individual, dedicated to enhancing performance and productivity through strategic methodologies. Proficient in Git for version control, I collaborate seamlessly with designers using tools like Figma. My strong technical skills are complemented by exceptional communication and leadership abilities, facilitating effective collaboration across teams and stakeholders using Excel and Word.

EDUCATION

Bachelor of Engineering, Computer Engineering, CGPI 8.23
University of Mumbai

July 2019 - June 2022
Mumbai, India

TECHNICAL SKILLS

- **Languages:** Html, CSS, JS, SQL
- **Frameworks:** React Js, Bootstrap
- **Tools:** Git, Figma, Google Analytics
- **Core Competencies:** SEO Optimization, Cross- browser Compatibility

PROFESSIONAL EXPERIENCES

Frontend Developer | Navy Blue Resources and Integration

June 2022 - Present

- Streamlined the codebase, reducing load times by 30%, which improved user engagement and satisfaction. I played a pivotal role in the seamless integration of new systems, which boosted operational efficiency by 25%
- My efforts in optimizing our sites for SEO led to a 20% increase in organic traffic. Additionally, I effectively collaborated with designers using Figma, resulting in a more cohesive and visually appealing user interface. Collaborated with cross-functional stakeholders globally to establish standardized processes using Excel Sheets, aligned expectations, set crucial timelines, gaining their support on respective projects.
- My problem-solving skills were instrumental in reducing the average time to fix critical bugs by 40%, ensuring a smoother user experience.
- Led the development of a real-time dashboard using ReactJS and Bootstrap, providing instant insights.

Web Developer Intern | K creators Pvt Ltd

January 2021 – March 2021

- Led a project to improve service communication between two departments, reducing paperwork by 50% and enhancing operational efficiency.
- Developed optimized landing pages in HTML and CSS, ensuring integration and cross-browser compatibility, which improved the client's web presence and user experience.
- Provided ongoing support and maintenance for client websites, promptly resolving technical issues and concerns, ensuring client satisfaction.
- Collaborated with different teams to create new web applications, contributing to the development and enhancement of innovative web solutions.

Vacation Training Program | Larsen & Turbo

May 2017 – July 2017

- Participated in hands-on training and project work, gaining practical experience in technical skills relevant to the industry.
- Engaged in industrial visits, enhancing understanding of real-world applications of engineering principles and practices.

PROJECTS

Real Time Dashboard

June 2022 - Present

- Consumption and production metrics, improving data accessibility and decision-making for stakeholders.
- Enhanced user interface and user experience by collaborating closely with designers in Figma, resulting in a 40% increase in user engagement and satisfaction.
- Engineered seamless integration of third-party components, optimizing load times by 30%, leading to a 20% increase in user engagement metrics.
- Tested and deployed scalable and highly available software products, contributing to the overall stability and performance of the dashboard.

Food Recommendation System, JETIR (Paper Publication)

May 2022

- Built leveraging advanced algorithms and machine learning techniques to enhance user experience by providing personalized meal suggestions based on dietary preferences and consumption patterns.

Automated Credit Card Fraud Detection Using Machine Learning, IJTRET (Paper Publication)

May 2021

- Developed and deployed an automated credit card fraud detection system utilizing the Random Forest algorithm, achieving high accuracy in identifying fraudulent transactions.



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

Date: 05-12-2023

To,
Ms. Neha Kesarkar,
Data scientist,
TCS, Mumbai.

Subject: Resource person for conducting sessions and placement activity at Computer Department, Xavier institute of Engineering, Mahim

Respected Sir/Madam,

It's our great pleasure to inform you that the Computer Department of Xavier Institute of Engineering, Mahim is organizing a session **Tips and Tricks of GD and Interview and conducting Mock Group Discussion and Interview of students on 8th December, 2023.**

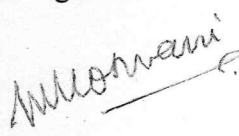
As per the feedback received from industry and curriculum feedback, we need to enhance our student's skills for making them readily employable by the industry. We, thus, seek your support in this endeavor. The training sessions are being planned in the area of soft skills, technical skills & programming skills for overall growth of our students.

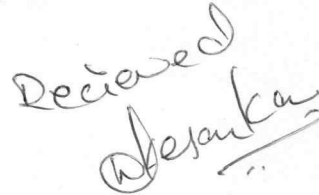
It is proposed to conduct parallel training programs for second, third & final year engineering students. I thus, take this opportunity to invite you as a resource person for conducting sessions as per the following schedule:

Topic	Date	Time	Audience
Mock GD and Interview	8 th December, 2023	09.30 pm to 12.00 pm	Third Year Engineering students
Tips and Tricks of GD and Interview	8 th December, 2023	12.00 pm to 1.00 pm	Third Year Engineering students

You are requested to make it convenient to deliver the session as scheduled.

Thanking You!


Kirti Motwani,
Assistant Professor,
Computer Department,
XIE, Mahim.


Received
Kesarkar



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

Date: 08-12-2023

To,
Ms. Neha Kesarkar,
Data scientist,
TCS, Mumbai

Subject: Appreciation letter for conducting a session on “Tips and Tricks of GD and Interview and conducting Mock Group Discussion and Interview of students “, at Xavier Institute of Engineering, Mahim

Respected Mam,

Greetings of the day!!

On behalf of the Computer Engineering Department of Xavier Institute of Engineering, Mahim, we wish to express our sincere gratitude for delivering a session and enlightening our students on the topic “Tips and Tricks of GD and Interview and conducting Mock Group Discussion and Interview of students “ on 08th December,2023. We request you to please share the study resources so that we can share it with our students.

We truly appreciate your commendable efforts in delivering a knowledgeable session and sparing your valuable time for this program. We look forward to having a fruitful and long-term association with you in future as well to facilitate the exchange of information and knowledge.

Thanking you with warm regards,

Motwani
Kirti Motwani,
Assistant Professor,
Computer Department,
XIE, Mahim.

Received
Nkesarkar



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

Date: 05-12-2023

To,
Mr. Ainsley Cardozo,
Full Stack Developer,
NavyBlue Energy, Airoli,
Navi Mumbai.

Subject: Resource person for conducting sessions and placement activity at Computer Department, Xavier institute of Engineering, Mahim

Respected Sir/Madam,

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Motwani
Kirti Motwani,
Assistant Professor,
Computer Department,
XIE, Mahim.

Received
Cardozo



Xavier Institute of Engineering
Mahim, Mumbai 400016
Department of Computer Engineering

(Affiliated to University of Mumbai)

Date: 08-12-2023

To,
Mr. Ainsley Cardozo,
Full Stack Developer,
NavyBlue Energy, Airoli,
Navi Mumbai.

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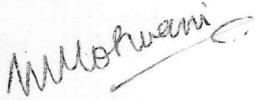
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Thanking you with warm regards,


Kirti Motwani,
Assistant Professor,
Computer Department,
XIE, Mahim.

Received




Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

TE Attendance Sheet

(Placement Activity "Mock GD and Interview")

Roll No.	Name	Sign
46	Aditya Patel	
64	Allen Swamy	
15	Erica D'Guz	
57	Jargurak M. Amir Khan	
48	Anurag Patil	
61	Mayuresh Shinde	
35	Shreya Malvankar	
32	Ahara Kothalkar	
62	Shantanu Shinde	
6	Siddharth Bandal	
69	Soni Dinesh Vishwakarma	
59	Sharon Casper	
51	Ashiv Prajapati	
65	Melvin Varghees	
40	Nadar Maheshwaran Ganeshan	
07	Beris Alockiaraj	
38	Nilesh Mishra	
11	Antony Chirayath	
19	Alicia D'souza	
02	Novi Andrade	



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

TE Attendance Sheet

(Placement Activity "Mock GD and Interview")

Roll No.	Name	Sign
21	Alita Fernandes	Alita
56	Ashish Sawant	Ashish Sawant
60	Sharan Shetty	Sharan
63	Allwyn Sodya	Allwyn Sodya
50	Pon Adibyan	Pon Adibyan
43	Bruno Nunes	Bruno Nunes
29	Chirag Jawle	Chirag Jawle
38	Anjeet Kumbhar	Anjeet Kumbhar
37	Morris Mascarenhas	Morris Mascarenhas
543	Chiu Rayan	Chiu Rayan
16	Steve Dabre	Steve Dabre
52	Pooja Kant	Pooja Kant
66	Hardik Tiwari	Hardik Tiwari
54	Sam Saji	Sam Saji
67	Simran	Simran
1	Asad Ali	Asad Ali
10	Dhishna Chavan	Dhishna Chavan
17	Neha Onanawade	Neha Onanawade
16	Ayush Dhoshmullu	Ayush Dhoshmullu
12	Aaron Coutinho	Aaron Coutinho



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

TE Attendance Sheet

(Tips and Tricks of "GD and Interview")

Roll No.	Name	Sign
21	Alita Fernandes	
56	Ashish Sawant	
60	Sharan Shetty	
63	Allwyn Sodya	
43	Brevon Mures	
20	Pon Adityam	
29	Chirag Jaire	
33	Anujeeb kumbhar	
37	Merris Masankhe	
53	Chris Rayan	
16	Steve Dalme	
52	Pooja Kant	
66	Hardik Tiwari	
54	Sam Saji	
67	Anirudh	
1	Asad Ali	
10	Dhiksha Charan	
12	Aaron Cantelmo	
17	Navas Dhavane	
16	Ayush Dinesh	



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

TE Attendance Sheet

(Tips and Tricks of "GD and Interview")

Roll No.	Name	Sign
46	Aditya Patel	
64	Allen Swamy	
15	Erica D'Guz	
57	Sargun M. Aamir Khan	
48	Anurag Patel	
61	Mayuresh Shinde	
35	Shreya Malwanba	
32	Antara Kelhatkar	
62	Shantanu Shinde	
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19	Alicia D'souza	
02	Novi Andrades	



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering (Programme accredited by National Board of Accreditation - NBA)

Report on the Training and Placement Sessions

Organized by: Ms. Leena Patil (EXTC)

As part of the ongoing efforts to enhance employability and skill development among students, a sessions were conducted under the Training and Placement activities. These sessions aimed to equip participants with essential knowledge and tools to excel in their professional journeys.

Objectives of the Sessions

1. To familiarize students with current industry requirements.
2. To provide guidance on resume building, interview preparation, and communication skills.
3. To offer insights into emerging trends and opportunities in the job market.

Highlights of the Sessions

- **Topics Covered:**
 - Effective Resume Writing
 - Mock Interview Exercises
 - Technical and Behavioral Skill Development
 - Insights on Corporate Culture and Expectations

Key Outcomes

- Students participated actively in the session.
- Students gained practical knowledge and personalized feedback during the mock exercises.
- A marked improvement in confidence levels and clarity on career paths was observed.

Conclusion

The sessions were a valuable opportunity for students to bridge the gap between academic knowledge and industry requirements. It reinforced the institution's commitment to fostering career readiness among students.

Prof. Leena Patil



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____

Date: 11/01/24 Time: 2:30-3:30

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TUFIL AHMED	AB	20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	AB
2.	202102002	AVHAD MAYURESH ASHOK SAVITA	<i>[Signature]</i>	21.	202102027	PATIL ARYAN VIKAS SUJATA	<i>[Signature]</i>
3.	2022022003	BAHELI DILEEP HEMANTI SLLMA BAHELI	<i>[Signature]</i>	22.	202102028	PATWARDHAN TANUJ VINAYAK	AB
4.	202102003	BAJPAYEE EKTA SHARAD NEELAM	<i>[Signature]</i>	23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	<i>[Signature]</i>
5.	202102004	BARIYA RUTUJA JAYANTI	<i>[Signature]</i>	24.	202102030	PHALKE ROHIT DATTATRAY	AB
6.	2022022006	BIDBITRE NARESH MARAPPA PARSHAMMA	<i>[Signature]</i>	25.	202102032	RAMTEKE SHANTANU AJAY VANITA	AB
7.	202102006	CHANDNE ATHARVA RAJESH	<i>[Signature]</i>	26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	AB
8.	202102007	CHAVAN JIGNESH SANTOSH SANGHITA	AB	27.	202102034	RAUT SANIKA ANANTA ANKITA	<i>[Signature]</i>
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHITA	<i>[Signature]</i>	28.	202102035	RITIK RAJ	<i>[Signature]</i>
10.	2022022009	DHAYBAR SANJANA	AB	29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	<i>[Signature]</i>
11.	2022022013	GILBILE MAITHILI SUNIL SANGHITA	<i>[Signature]</i>	30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	<i>[Signature]</i>
12.	202102013	JAIHWAL HARSH SUNIL SAROJ	A.B	31.	2022022030	SAYYED MOHAMMAD TASMIM MOHAMMAD JAMILA	<i>[Signature]</i>
13.	202102014	KAMURTHI SINDUSAGAR CHANDRASHEKHAR SUVARNA	<i>[Signature]</i>	32.	2022022031	SHAIKH MOHD ARFAI MANZOOR RAZIYA BANU	<i>[Signature]</i>
14.	2022022020	KATARE PRATIBHA CHANDRAKANTI UJJWALA	<i>[Signature]</i>	33.	202102038	SHAIKH MAHEK SAMEER SHAIKH KUSRUNNISHA	A.B
15.	2022022021	KHAN NADIRA QASIM LADLI	A.B	34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	A.B
16.	2022022023	LEWIS DERICK NOEL SYLVIA	AB	35.	202102011	GANDHI SWARAJ KISHOR NIDHI	AB
17.	202102021	NAIK NIKHIL NITIN	AB	36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	AB
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	37.	202102015	KARPE PURVA ASHOK MRUDULA	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	AB	38.	202102020	MUKADDAM MAAZIN ASHFAQUE	AB

Total: 38 Students

Present		Absent	
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[Signature]
Prof. Leena Patil



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____

Date: 25/01/24 Time: 2:30-3:30

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TUIAIL AHMED	AB	20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	Nirj
2.	202102002	AVHAD MAYURESH ASHOK SAVITA	AB	21.	202102027	PATIL ARYAN VIKAS SUJATA	AB
3.	2022022003	BAHETI DEEPAK HEMANT SLLMA BAHU	AB	22.	202102028	PATWARDHAN TANUJ VINAYAK	AB
4.	202102003	BAJPAYEE EKTA SHARAD NEE-LAM	AB	23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	AB
5.	202102004	BARIYA RUTUJA JAYANTI	AB	24.	202102030	PHALKE ROHIT DATTATRAY	AB
6.	2022022006	BIDBHITRE NARESH MARAPPA PARSHAMMA	AB	25.	202102032	RAMTEKE SHANTANU AJAY VANITA	AB
7.	202102006	CHANDNE ATHARVA RAJESH	AB	26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	AB
8.	202102007	CHAVAN JIGNESH SANTOSH SANGLITA	AB	27.	202102034	RAUT SANIKA ANANTA ANKITA	AB
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHITA	AB	28.	202102035	RITIK RAJ	AB
10.	2022022009	DHAYBAR SANJANA	AB	29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	AB
11.	2022022013	GILBILE MAITHILI SUNIL SANGITA	AB	30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	AB
12.	202102013	JAISWAL HARSH SUNIL SAROJ	AB	31.	2022022030	SAYYED MOHAMMAD TASMIL MOHAMMAD JAMILA	AB
13.	202102014	KAMURTHI SINDUSAGAR CHANDRASHLKHAR SUVARNA	AB	32.	2022022031	SHAIKH MOHD ARFAT MANZOOR RAZIYA BANU	AB
14.	2022022020	KATARE PRATIBHA CHANDRAKANI UJJWALA	AB	33.	202102038	SHAIKH MAHEK SAMEER SHAIKH KUSRUNNISHA	AB
15.	2022022021	KHAN NADIRA QASIM LADLI	AB	34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	AB
16.	2022022023	LEWIS DERICK NOEL SYLVIA	AB	35.	202102011	GANDHI SWARAJ KISHOR NIDHI	AB
17.	202102021	NAIK NIKHIL NITIN	AB	36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	AB
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	37.	202102015	KARPE PURVA ASHOK MRUDULA	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	AB	38.	202102020	MUKADDAM MAAZIN ASHFAQE	AB

Total: 38 Students

Present		Absent	
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Prof. Leena Patil



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____

Date: 01/02/24 Time: 09:00-09:30

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TULI AHMED	AB	20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	Viraj
2.	202102002	AVHAD MAYURESH ASHOK SAVITA	Mayur	21.	202102027	PATIL ARYAN VIKAS SUJATA	A. Patil
3.	2022022003	BAHETI DEEPAK HEMANTI SLLMA BAHLLI	Deepak	22.	202102028	PATWARDHAN TANUJ VINAYAK	Tanuj
4.	202102003	BAJPAYEE EKTA SHARAD NEELAM	AB	23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	Sakshi
5.	202102004	BARIYA RUTUJA JAYANTI	AB	24.	202102030	PHALKE ROHIT DATTATRAY	AB
6.	2022022006	BIDBHITRE NARESH MARAPPA PARSHAMMA	N. Bidhitre	25.	202102032	RAMTEKE SHANTANU AJAY VANITA	AB
7.	202102006	CHANDNE ATHARVA RAJESH	AB	26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	Sanskar
8.	202102007	CHAVAN JIGNESH SANTOSH SANGLEIA	AB	27.	202102034	RAUT SANIKA ANANTA ANKITA	Sanika
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHITA	Sandip	28.	202102035	RITIK RAJ	AB
10.	2022022009	DHAYBAR SANJANA	Sanjana	29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	P. Saravkar
11.	2022022013	GILBILE MAITHILI SUNIL SANGITA	A.B	30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	Tanmay
12.	202102013	JAISSWAL HARSH SUNIL SAROJ	H. Jaiswal	31.	2022022030	SAYYED MOHAMMAD FASLIM MOHAMMAD JAMILA	AB
13.	202102014	KAMURTHI SINDUSAGAR CHANDRASHLEKHAR SUVARNA	Sindusagar	32.	2022022031	SHAIKH MOHD ARFAT MANZOOR RAZIYA BANU	Arfat
14.	2022022020	KATARE PRATIBHA CHANDRAKANI UJJWALA	Pratibha	33.	202102038	SHAIKH MAHEK SAMEER SHAIKH KUSRUNNISHA	S. Maheek
15.	2022022021	KHAN NADIRA QASIM LADLI	Nadira	34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	Shahawaz
16.	2022022023	LEWIS DERICK NOEL SYLVIA	Derick	35.	202102011	GANDHI SWARAJ KISHOR NIDHI	AB
17.	202102021	NAIK NIKHIL NITIN	AB	36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	Ujjwal
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	37.	202102015	KARPE PURVA ASHOK MRUDULA	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	Bhuvan	38.	202102020	MUKADDAM MAAZIN ASHFAQUE	Mukaddam

Total: 38 Students

Present		Absent	
---------	--	--------	--

Prof. Leena Patil



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Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____ Date: 9/02/24 Time: 2:30-3:30

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN IUI-AI AHMED		20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	
2.	202102002	AVHAD MAYURESH ASHOK SAVITA		21.	202102027	PATIL ARYAN VIKAS SUJATA	
3.	2022022003	BAHETI DEEPAK HEMANT SLLMA BAHETI		22.	202102028	PATWARDHAN TANUJ VINAYAK	
4.	202102003	BAJPAYEE EKTA SHARAD NELLAM		23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	
5.	202102004	BARIYA RUTUJA JAYANI		24.	202102030	PHALKE ROHII DATTATRAY	AB
6.	2022022006	BIDBHITRE NARESH MARAPPA PARSHAMMA	AB	25.	202102032	RAMTEKE SHANTANU AJAY VANITA	AB
7.	202102006	CHANDNE ATHARVA RAJESH	AB	26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	
8.	202102007	CHAVAN JIGNESH SANI OSH SANGELIA		27.	202102034	RAUT SANIKA ANANTA ANKITA	
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHITA	AB	28.	202102035	RITIK RAJ	
10.	2022022009	DHAYBAR SANJANA	AB	29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	
11.	2022022013	GILBILE MAITHILI SUNIL SANGITA	AB	30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	
12.	202102013	JAISSWAL HARSH SUNIL SAROJ		31.	2022022030	SAYYED MOHAMMAD FASLIM MOHAMMAD JAMILA	
13.	202102014	KAMURIHI SINDUSAGAR CHANDRASHEKHAR SUVARNA		32.	2022022031	SHAIKH MOHD ARFAT MANZOOR RAZIYA BANU	
14.	2022022020	KATARE PRATIBHA CHANDRAKANI UJJWALA		33.	202102038	SHAIKH MAHEK SAMEER SHAIKH KUSRUNNISHA	
15.	2022022021	KHAN NADIRA QASIM LADLI		34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	AB
16.	2022022023	LEWIS DERICK NOEL SYLVIA		35.	202102011	GANDHI SWARAJ KISHOR NIDHI	
17.	202102021	NAIK NIKHIL NITIN	AB	36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	AB
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	37.	202102015	KARPE PURVA ASHOK MRUDULA	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	AB	38.	202102020	MUKADDAM MAAZIN ASHFAQUE	

Total: 38 Students

Present		Absent	
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Prof. Leena Patil



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____

Date: 15/02/24 Time: 2:30-3:30

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TUI AIL AHMED		20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	
2.	202102002	AVHAD MAYURESH ASHOK SAVITA		21.	202102027	PATIL ARYAN VIKAS SUJATA	
3.	2022022003	BAHETTI DEEPAK HEMANT SLLMA BAHLLI		22.	202102028	PATWARDHAN TANUJ VINAYAK	
4.	202102003	BAJPAYEE EKTA SHARAD NELLAM		23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	
5.	202102004	BARIYA RUTUJA JAYANI		24.	202102030	PHALKE ROHIT DATTATRAY	
6.	2022022006	BIDBHITRE NARESH MARAPPA PARSHAMMA		25.	202102032	RAMTEKE SHANTANU AJAY VANITA	
7.	202102006	CHANDNE ATHARVA RAJESH		26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	
8.	202102007	CHAVAN JIGNESH SANJOSH SANGLI LIA		27.	202102034	RAUT SANIKA ANANTA ANKITA	
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHITA		28.	202102035	RITIK RAJ	
10.	2022022009	DHAYBAR SANJANA		29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	
11.	2022022013	GILBILE MAITHILI SUNIL SANGHIA		30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	
12.	202102013	JAIWAL HARSH SUNIL SAROJ		31.	2022022030	SAYYED MOHAMMAD TASILIM MOHAMMAD JAMILA	
13.	202102014	KAMURITHI SINDUSAGAR CHANDRASHLKHAR SUVARNA		32.	2022022031	SHAIKH MOHD ARFAT MANZOOR RAZIYA BANU	
14.	2022022020	KATARL PRATIBHA CHANDRAKANI UJJWALA		33.	202102038	SHAIKH MAHEK SAMEER SHAIKH KUSRUNNISHA	
15.	2022022021	KHAN NADIRA QASIM LADLI		34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	
16.	2022022023	LEWIS DERICK NOEL SYLVIA		35.	202102011	GANDHI SWARAJ KISHOR NIDHI	
17.	202102021	NAIK NIKHIL NITIN		36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	
18.	202102022	NAIK SARVESH RAJENDRAKUMAR		37.	202102015	KARPE PURVA ASHOK MRUDULA	
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARTI		38.	202102020	MUKADDAM MAAZIN ASHFAQUE	

Total: 38 Students

Present		Absent	
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Prof. Leena Patil



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____

Date: 22/02

Time: 2:30 - 3:30

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TUI AIL AHMED	AB	20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	Viraj
2.	202102002	AVHAD MAYURESH ASHOK SAVITA	<i>Mayur</i>	21.	202102027	PATIL ARYAN VIKAS SUJATA	Aryan
3.	2022022003	BAHETI DILEPAK HEMANT SLLMA BAHALI	<i>Dileep</i>	22.	202102028	PATWARDHAN TANUJ VINAYAK	Tanuj
4.	202102003	BAJPAYEE EKTA SHARAD NEELAM	<i>Ekta</i>	23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	Sakshi
5.	202102004	BARIYA RUTUJA JAYANTI	AB	24.	202102030	PHALKE ROHIT DATTATRAY	AB
6.	2022022006	BIDBHITRE NARESH MARAPPA PARSHAMMA	AB	25.	202102032	RAMTEKE SHANTANU AJAY VANITA	Shantanu
7.	202102006	CHANDNE ATHARVA RAJESH	<i>A Chandne</i>	26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	Sanskar
8.	202102007	CHAVAN JIGNESH SANI OSH SANGHITA	<i>Jignesh</i>	27.	202102034	RAUT SANIKA ANANTA ANKITA	Sanika
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHITA	A.B	28.	202102035	RITIK RAJ	Ritik
10.	2022022009	DHAYBAR SANJANA	<i>Sanjana</i>	29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	AB
11.	2022022013	GILBILE MAITHILI SUNIL SANGITA	A.B	30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	Tanmay
12.	202102013	JAISWAL HARSH SUNIL SAROJ	<i>Harsh</i>	31.	2022022030	SAYYED MOHAMMAD FASLIM MOHAMMAD JAMILA	AB
13.	202102014	KAMURTHI SINDUSAGAR CHANDRASHEKHAR SUVARNA	<i>Sindhu</i>	32.	2022022031	SHAIKH MOHD ARFAT MANZOOOR RAZIYA BANU	Arfat
14.	2022022020	KATARE PRATIBHA CHANDRAKANI UJJWALA	AB	33.	202102038	SHAIKH MAHEK SAMEER SHAIKH KUSRUNNISHA	Mahek
15.	2022022021	KHAN NADIRA QASIM LADLI	AB	34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	A.B
16.	2022022023	LEWIS DERICK NOEL SYLVIA	<i>Derick</i>	35.	202102011	GANDHI SWARAJ KISHOR NIDHI	A.B
17.	202102021	NAIK NIKHIL NITIN	AB	36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	<i>Ujjwal</i>
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	37.	202102015	KARPE PURVA ASHOK MRUDULA	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	AB	38.	202102020	MUKADDAM MAAZIN ASHFAQUE	AB

Total: 38 Students

Present		Absent	
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Leena Patil
Prof. Leena Patil



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____ Date: 07/03 Time: _____

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TUI AIL AHMED	AB	20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	Viraj
2.	202102002	AVHAD MAYURESH ASHOK SAVITA	Mayur	21.	202102027	PATIL ARYAN VIKAS SUJATA	A-Raj
3.	2022022003	BAHETI DILEPAK HEMANT SELMA BAHLLI	A-B	22.	202102028	PATWARDHAN TANUJ VINAYAK	Tanuj
4.	202102003	BAJPAYEE EKTA SHARAD NEELAM	AB	23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	Sakshi
5.	202102004	BARIYA RUTUJA JAYANI	Rutuja	24.	202102030	PHALKE ROHINI DATTATRAY	Rohini
6.	2022022006	BIDBHITRE NARESH MARAPPA PARSHAMMA	AB	25.	202102032	RAMTEKE SHANTANU AJAY VANITA	Shantanu
7.	202102006	CHANDNE ATHARVA RAJESH	ACHANDNE	26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	AB
8.	202102007	CHAVAN JIGNESH SANJOSH SANGHITA	AB	27.	202102034	RAUT SANIKA ANANTA ANKITA	Raut
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHITA	AB	28.	202102035	RITIK RAJ	AB
10.	2022022009	DHAYBAR SANJANA	Sanjana	29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	J. Saravankar
11.	2022022013	GILBILE MAITHILI SUNIL SANGHITA	AB	30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	Vishram
12.	202102013	JAIWAL HARSH SUNIL SAROJ	A-B	31.	2022022030	SAYYED MOHAMMAD FASLIM MOHAMMAD JAMILA	AB
13.	202102014	KAMURITHI SINDUSAGAR CHANDRASHEKHAR SUVARNA	Seel	32.	2022022031	SHAIKH MOHD ARFAT MANZOOOR RAZIYA BANU	AB
14.	2022022020	KATARE PRATIBHA CHANDRAKANI UJJWALA	Pratibha	33.	202102038	SHAIKH MAHLK SAMEER SHAIKH KUSRUNNISHA	S. Mahlk
15.	2022022021	KHAN NADIRA QASIM LADLI	Nadira	34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	Shah
16.	2022022023	LEWIS DERICK NOEL SYLVIA	Derick	35.	202102011	GANDHI SWARAJ KISHOR NIDHI	AB
17.	202102021	NAIK NIKHIL NITIN	AB	36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	Ujjwal
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	37.	202102015	KARPE PURVA ASHOK MRUDULA	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	AB	38.	202102020	MUKADDAM MAAZIN ASHFAQUE	AB

Total: 38 Students

Present		Absent	
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Prof. Leena Patil



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____ Date: 14/03 Time: _____

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TUFAIL AHMED	AB	20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	Viraj
2.	202102002	AVHAD MAYURESH ASHOK SAVITA	Mayur	21.	202102027	PATIL ARYAN VIKAS SUJATA	Aryan
3.	2022022003	BAHETI DEEPAK HEMANI SLLMA BAHLI	Deep	22.	202102028	PATWARDHAN TANUJ VINAYAK	Tanuj
4.	202102003	BAJPAYEE EKTA SHARAD NEELAM	Ekta	23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	Sakshi
5.	202102004	BARIYA RUTUJA JAYANI	Rutuja	24.	202102030	PHALKE ROHII DATTATRAY	AB
6.	2022022006	BIDBHITRE NARESH MARAPPA PARSHAMMA	AB	25.	202102032	RAMTEKE SHANTANU AJAY VANITA	Shantanu
7.	202102006	CHANDNE ATHARVA RAJESH	Atharva	26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	Sanskar
8.	202102007	CHAVAN JIGNESH SANTOSH SANGELTA	Jignesh	27.	202102034	RAUT SANIKA ANANTA ANKITA	Sanika
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHIIA	Chopade	28.	202102035	RITIK RAJ	Ritik
10.	2022022009	DHAYBAR SANJANA	AB	29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	P.J.Sarvankar
11.	2022022013	GILBILE MAITHILI SUNIL SANGHIA	M.Gilbile	30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	Tanmay
12.	202102013	JAISSWAL HARSH SUNIL SAROJ	Harsh	31.	2022022030	SAYYED MOHAMMAD FASLIM MOHAMMAD JAMILA	AB
13.	202102014	KAMURIHI SINDUSAGAR CHANDRASHLEKHAR SUVARNA	Sindusagar	32.	2022022031	SHAIKH MOHD ARFAT MANZOOOR RAZIYA BANU	AB
14.	2022022020	KATARE PRATIBHA CHANDRAKANI UJJWALA	Pratibha	33.	202102038	SHAIKH MAHEK SAMEER SHAIKH KUSRUNNISHA	M.S. Shaikh
15.	2022022021	KHAN NADIRA QASIM LADLI	AB	34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	ShahnaWaz
16.	2022022023	LEWIS DERICK NOEL SYLVIA	Derick	35.	202102011	GANDHI SWARAJ KISHOR NIDHI	AB
17.	202102021	NAIK NIKHIL NITIN	AB	36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	AB
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	37.	202102015	KARPE PURVA ASHOK MRUDULA	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	AB	38.	202102020	MUKADDAM MAAZIN ASHFAQUE	AB

Total: 38 Students

Present		Absent	
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Prof. Leena Patil



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Department of Electronics and Telecommunication Engineering

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TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No. _____ Date: 21/03 Time: _____

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TUFIL AHMED	AB	20.	2022022026	PANDE VIRAJ MANOJ PRIYANKA	Viraj
2.	202102002	AVHAD MAYURESH ASHOK SAVITA	Mayuresh	21.	202102027	PATIL ARYAN VIKAS SUJATA	A.Patil
3.	2022022003	BAHETI DEEPAK HEMANT SELMA BAHLLI	AB	22.	202102028	PATWARDHAN TANUJ VINAYAK	Tanuj
4.	202102003	BAJPAYEE EKTA SHARAD NEELAM	Ekta	23.	202102029	PAWAR SAKSHI SANTOSH SANDHYA	Sakshi
5.	202102004	BARIYA RUTUJA JAYANTI	Rutuja	24.	202102030	PHALKE ROHII DATTATRAY	AB
6.	2022022006	BIDBITRE NARESH MARAPPA PARSHAMMA	Naresh	25.	202102032	RAMTEKE SHANTANU AJAY VANITA	Shantanu
7.	202102005	CHANDNE ATHARVA RAJESH	Atharva	26.	202102033	RANDER SANSKAR RAMAKANT SARASWATI	Sanskar
8.	202102007	CHAVAN JIGNESH SANTOSH SANGULTIA	Jignesh	27.	202102034	RAUT SANIKA ANANTA ANKITA	Sanika
9.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHIYA	Chopade	28.	202102035	RITIK RAJ	AB
10.	2022022009	DHAYBAR SANJANA	Sanja	29.	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	P.T. Sarvankar
11.	2022022013	GILBILE MAITHILI SUNIL SANGIYA	AB	30.	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	Tanmay
12.	202102013	JAISWAL HARSH SUNIL SAROJ	H. Jaiswal	31.	2022022030	SAYYED MOHAMMAD TASLIM MOHAMMAD JAMILA	AB
13.	202102014	KAMURTHI SINDUSAGAR CHANDRASHLEKHAR SUVARNA	Sindhu	32.	2022022031	SHAIKH MOHD ARFAT MANZOOR RAZIYA BANU	Arfat
14.	2022022020	KATARE PRATIBHA CHANDRAKANI UJJWALA	Pratibha	33.	202102038	SHAIKH MAHLK SAMEER SHAIKH KUSRUNNISHA	M.S. Shaikh
15.	2022022021	KHAN NADIRA QASIM LADLI	AB	34.	202102039	SHAIKH SHAHNAWAZ ZOUNED FIRDOSHI KHATOON	Shah Nawaz
16.	2022022023	LEWIS DERICK NOEL SYLVIA	Derick	35.	202102011	GANDHI SWARAJ KISHOR NIDHI	AB
17.	202102021	NAIK NIKHIL NITIN	AB	36.	202102012	GUPTA UJJWAL DILEEP GUPTA ANITA	Ujjwal
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	37.	202102015	KARPE PURVA ASHOK MRUDULA	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	AB	38.	202102020	MUKADDAM MAAZIN ASHFAQUE	AB

Total: 38 Students

Present	Absent
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Prof. Leena Patil



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering

(Programme accredited by National Board of Accreditation - NBA)

TPO ACTIVITY

Academic Year: 2023-24 Semester: VI

Lecture No

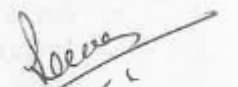
Date: 28/03

Time:

Roll No	XIE ID	Name	Sign	Roll No	XIE ID	Name	Sign
1.	202102001	ANSARI MOHAMMED ARSALAN TUI AII AHMED	AB	20	2022022026	PANDE VIRAJ MANOJ PRIYANKA	my
2.	202102002	AVHAD MAYURESH ASHOK SAVITA	AB	21	202102027	PATIL ARYAN VIKAS SUJATA	Pratik
3.	2022022003	BAHEPI DEEPAK HEMANI SELMA BAHLLI	Deepak	22	202102028	PATWARDHAN TANUJ VINAYAK	Tanuj
4.	202102003	BAJPAYEE EKTA SHARAD NILILAM	Ekta	23	202102029	PAWAR SAKSHI SANTOSH SANDHYA	Sakshi
5.	202102004	BARIYA RUTUJA JAYANI	Rutuja	24	202102030	PHALKE ROHIL DATTATRAY	Rohil
6.	2022022006	BIDBITRE NARESH MARAPPA PARSHAMMA	Naresh	25	202102032	RAMTEKE SHANTANU AJAY VANITA	Shantanu
	202102006	CHANDNE ATHARVA RAJESH	AB	26	202102033	RANDER SANSKAR RAMAKANT SARASWATI	AB
7.	202102007	CHAVAN JIGNESH SANTOSH SANGLI LIA	Jignesh	27	202102034	RAUT SANIKA ANANTA ANKITA	Sanika
8.	2022022008	CHOPADE SAHASTRAK SANDIP SANCHI IIA	Sandip	28	202102035	RITIK RAJ	Ritik
9.	2022022009	DHAYBAR SANJANA	Sanjana	29	202102036	SARVANKAR PRATIKSHA JANARDAN VIJAYSHRI	Pratiksha
10.	2022022009	DHAYBAR SANJANA	Sanjana	30	202102037	SAWANT TANMAY VISHRAM VAISHNAVI	Tanmay
11.	2022022013	GILBILE MATTHILI SUNIL SANGHA	Matthile	31	2022022030	SAYYED MOHAMMAD TASLIM MOHAMMAD JAMILA	Taslim
12.	202102013	JAISWAL HARSH SUNIL SAROJ	Harsh	32	2022022031	HAIKH MOHD ARFAI MANZOOR	AB
13.	202102014	KAMURTHI SINDUSAGAR CHANDRASHLEKHAR SUVARNA	Sindusagar	33	202102038	RAZIYA BANU HAIKH MAHEK SAMEER SHAIKH	AB
14.	2022022020	KATARE PRATIBHA CHANDRAKANI UJJWALA	Pratiksha	34	202102039	KUSRUNNISHA SHAIKH SHAHNAWAZ ZOUNED	Kusrunnisha
15.	2022022021	KHAN NADIRA QASIM LADLI	AB	35	202102011	FIRDOSHI KHATOON	Firdoshi
16.	2022022023	LEWIS DERICK NOEL SYLVIA	AB	36	202102012	GANDHI SWARAJ KISHOR NIDHI	AB
17.	202102021	NAIK NIKHIL NITIN	AB	37	202102015	KARPE PURVA ASHOK MRUDULA	AB
18.	202102022	NAIK SARVESH RAJENDRAKUMAR	AB	38.	202102020	MUKADDAM MAAZIN ASHFAQUE	AB
19.	202102024	PAGDHARE BHUVAN BHUSHAN AARII	AB				

Total: 38 Students

Present		Absent	
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Prof. Leena Patil

Derick Lewis

✉ dericklewis58@gmail.com | 📞 +91-9004751958 | 🌐 [linkedin.com/in/Derick Lewis](https://www.linkedin.com/in/DerickLewis) | 🌐 Derick's Portfolio

Education

Xavier Institute of Engineering, BE in Electronics and Telecommunication 2022 – 2025
Honors: Artificial Intelligence and Machine Learning

- CGPA : 7.2 (*pursuing*)

St. Xavier's Technical Institute, Diploma in Electronics and Telecommunication 2019 – 2022

- Percentage : 78.39

Experience

IoT Project Development Intern, Anand Techno Creations Jun 2021 – Aug 2021

- Trained on various aspects of IoT project development using industrial-grade micro controllers, focusing on design, implementation, and testing.
- Implemented skills in PCB design and simulation with Proteus, integrating IoT devices with cloud platforms such as Firebase and AWS..

Projects

16 Bit Scientific Calculator Using Xilinx ISE 14.7 (Verilog) on Spartan 6 May 2024

- Developed a 16-bit scientific calculator and implemented the project using **Verilog HDL** for efficient and optimized hardware design.
- Deployed the design on a **Spartan 6 FPGA Development Board** to demonstrate the functionality in real-time.

Bicycle Indicator Using Arduino May 2023

- Designed and developed a bicycle indicator system to enhance safety for cyclists.
- Utilized an **Arduino** micro controller to control indicator lights and process inputs, implementing LED indicators for left and right turns to provide clear signals to other road users.

Technical Skills

Languages & Libraries: Python, Numpy, Pandas, OpenCV, Matplotlib.

Tools & Others: Git, GitHub, VS Code, Microsoft Tools, Power BI, Data Analysis, Web Scraping

Soft Skills: Quick Learner, Critical Thinking, Problem Solving, Analytical Skills, Growth Mindset, Confidence, Communication.

Certifications

Cisco: Linux Essentials Apr 2024

Data Visualization and Power BI Jun 2024

Career Essentials in Data Analysis by Microsoft and LinkedIn Jul 2024

Career Essentials in Generative AI by Microsoft and LinkedIn Aug 2024

Relevant Coursework

Computer Communication Networks, Big Data Analytics, Management Information System, Image Processing and Machine Vision, Artificial Neural Network and Fuzzy Logic, Database Management System, Machine Learning, Prompt Engineering

Interests / Hobbies

Cloud Engineering, Golang, SAAS, Reading, Playing Chess, Football,

SINDUSAGAR KAMURTHI



+91 8828887676



ksindusagar2073@gmail.com

About Me

Passionate in electronics and telecommunication technologies with a understanding of electronic principles and good problem solving skills, with hands-on experience in soldering, circuit design (KiCad) and a good academic performance, seeks job opportunities to apply knowledge and passion to innovative projects and learning business related skills along with upcoming new era.

Education

- **B.E in Electronics & Telecommunications**

Xavier Institute of Engineering, Mumbai, 2021 - 2025

- **HSC**

S.K. Somaiya Junior College, Mumbai, 2019 - 2021

Experience

- **Assistant Graphic Head for T.S.X - X.I.E**

Xavier Institute of Engineering, 2023 - 2024

Projects

- **Obstacle Detection and Line Following Robot using STM32**

An intermediate robot which has the capability to follow its predefined path using sensors and it can also ability to detect any object interfering its path. Most useful in logistic centers for goods carriage.

- **Spider Robot powered by Arduino Nano:**

A Bluetooth-operated spider-like robot equipped with a spy camera at the front, designed to navigate confined spaces inaccessible to humans. The prototype includes wireless video streaming functionality.

- **Digital Clock operated by 8051 Microcontroller (Keil μ Vision)**

A digital clock based on a microcontroller that showcases the current time on 7-segment displays, with each display dedicated to a specific digit for a clear digital time display.

- **Electronic Shooting Game**

Designed using a timer IC (Integrated Circuit) along with a decoder IC, a really fun and interesting miniature game with a target and a cycle of LED designs.

- **Parking System Interface created with JAVA Apache NetBeans**

A JAVA interfaced parking system with a parking slip print system, the operator can enter the details about the car entries and in-out timings of the specific car, this project is based on the real life implementation of many public places.

- **R.A.I.S.E. (Robotic Assistance and intelligent Support Entity)**

A 3D printed assistant robot designed to help people with disabilities by allowing them to control the robot remotely from their homes. The robot will be used primarily in labs and restaurants to transport items. The prototype is still on development.

Internships and Certifications

- Student Intern, Paravai Aerospace Pvt. Ltd, 2023 - 2024
 - Robotics Internship, InTrAinZ Pvt. Ltd, 2022 - 2023
 - NDG Linux Essential Certification, Cisco Pvt. Ltd, 2023 - 2024
-

Expertise

- Single Layer PCB Manufacturing and Etching
 - Soldering
-

Reference

- **Sindusagar Kamurthi**

<https://github.com/Sindusagar>

[linkedin.com/in/sindusagar-kamurthi-6b7169310](https://www.linkedin.com/in/sindusagar-kamurthi-6b7169310)

- **Phone**

+91 8828887676

Sanika Raut

rautsanika2903@gmail.com | +91 7304722432 | <http://www.linkedin.com/in/sanika-raut-584074290> | Age:21

PROFILE

Dedicated, passionate and hardworking Electronics and Telecommunication Engineering student with strong leadership, communication, management skills and capable to learn new technologies. Currently pursuing a degree in Electronics and Telecommunication. Eager to contribute to innovative projects and drive results in a dynamic engineering environment.

SOFT SKILLS

Time Management

Problem Solving

Effective Communication

Project Management

Teamwork

Adaptability

Emotional Intelligence

Technical Documentation

Work Ethic

PROJECTS

Smart Dustbin using Arduino

Developed an automatic dustbin to detect and segregate wet and dry waste based on the moisture content. Interfaced ultrasonic, moisture and touch sensors, LCDs, servo motors, buzzers and LEDs with Arduino Uno board.

Created and uploaded the code using Arduino IDE in "Embedded C".

Fire Alert System using MSP430 (1st place in Transmission fest)

Developed a fire alert system that sends an Email and/or SMS alert to multiple users. Project uses MSP430 microcontroller along with infrared sensor, buzzer and ESP8266. Created and uploaded the code using Energia IDE in "Embedded C".

Fruit and Vegetable Detection Using Image Processing

Developed a image processing machine learning project based on Fruit and Vegetable Detection. (Skills Involved- Python programming and Google Collab).

Rainbow Hues(Paint Management System)

Rainbow Hues is a paint management website featuring a secure login page and a seamless shopping experience. Users can browse, select items, and add them to their cart, with all data efficiently connected to a robust database (Skills Involved - Java, Apache NetBeans)

EDUCATION

B.E. EXTC Xavier Institute of Engineering-2025
CGPA - 7.55 (6 semesters)

HSC- PACE Jr. College -2021
Scored 81%

SSC- Shardashram Vidyamandir-2019
Scored 78.20%

EXTRACURRICULARS

Documentation Head (Women Development Cell)
(2023-24)

Assistant Documentation Head (TSX) (2023-24)

CERTIFICATION

NDG LINUX ESSENTIAL CERTIFICATION

SHAHNAWAZ SHAIKH

E-mail: shaikhqwversallu@gmail.com

+91 9867293182

Social Account: www.linkedin.com/in/shaikh-shahnawaz-dec/

GitHub: www.github.com/shaikh-shahnawaz-21

OBJECTIVE

Motivated engineering student with a strong background in coding, hardware frontend, data analysis, microcontroller, IOT and AI/ML. Seeking to apply skills in web technologies, programming, and machine learning to contribute effectively to innovative projects.

EDUCATION

XAVIER INSTITUTE OF ENGINEERING, Mumbai	<i>Expected 2025</i>
B.E – Electronic And Telecommunication — CGPA (Up-to 6 Semesters) – 9.04 /10.0	
MAHARASHTRA COLLEGE OF SCIENCE, Mumbai	<i>2020</i>
Higher Secondary Certificate — Percentage - 71.08%	
St. MICHAEL HIGH SCHOOL, Mumbai	<i>2018</i>
Secondary School Certificate — Percentage - 75%	

SKILLS

Languages: Python, C++, HTML5, CSS, PHP, Embedded-C

Frameworks: Flask, Spark, Kera's, TensorFlow,

Databases: MongoDB, MySQL,

Microcontroller: Arduino Uno, STM32, FPGA, ESP-Wi-Fi Controller

AI/ML: Supervised and Unsupervised learning, Model Training and Evaluation, EDA FE , Preprocessing Technique

Tools: Git/GitHub, AutoCAD, VS Code, XAMPP

Soft Skills: Problem-solving, Critical thinking, Teamwork, Communication, Leadership, Decision Making

Other Skills: Presentation Skills, Adaptability, Flexible, Project Management

PROJECTS

Krishi Samriddhi (Agriculture Prosperity) | Python, Microcontroller, yolov8

Krishi Samriddhi empowers farmers with automation for crop prediction, motor pump control, and leaf disease detection, boosting efficiency and yields

Face Emotion Recognition | Python, TensorFlow ,OpenCV

Implemented a real-time facial emotion recognition system using Python, TensorFlow, and OpenCV, combining deep learning and computer vision to accurately analyze and interpret facial expressions.

Blood Group Prediction | python, Sklearn ,CNN ,ML

Blood group prediction using Deep learning and CNN algorithms delivers accurate results by analyzing complex patterns in medical data

Voting System | HTML5, CSS3, PHP, MySQL

Developed a secure and efficient voting system ensuring streamlined processes and data integrity

Home Automation | STM Controller , Relay and Wi-Fi Module, Nucleo Ide

Designed and developed a home automation system using an STM controller, relay modules, and a Wi-Fi module, programmed via Nucleo IDE. Enabled remote control and automation of household devices with seamless connectivity and efficient operation.

Sakshi Pawar

+91 8652243460 ✉ sakshispawar05@gmail.com www.linkedin.com/in/sakshi-pawar-38a113292

Programming Languages

- C
- Python
- Java
- Embedded Software

KEY Skills

- Data Structure
- IOT
- Web Programming
- SQL
- Computer Networks

Certification

- Full Stack
- SQL
- NDG Linux Essentials

Achievements

- Best Student Award (2022)
- Circuit Wizards-1st Rank
- Circuit Sammelan-1st Rank

Interests

- Sketching
- Driving
- Playing Piano

Profile

A dedicated, hardworking, sincere engineering student having qualities like leadership, Communication and management skills. Always interested to implement the technical and Non-technical knowledge in practical life.

Education

B.E. EXTC at Xavier Institute of Engineering, Mumbai

Present

- 9.18 CGPA(Till SEM 6)

Course	Institute	Score	Year of passing
Honour Degree in AIML	XIE	—	PRESENT
SEM 6	XIE	9.05	MAY-2024
SEM 5	XIE	9.61	DEC-2023
SEM 4	XIE	8.50	MAY-2023
SEM 3	XIE	8.67	DEC-2022
SEM 2	XIE	9.30	MAY-2022
SEM 1	XIE	9.94	DEC-2021
HSC	D.G.Ruparel	88.83%	2021
SSC	Saraswati Mandir High School	84.20%	2019

Positions of Responsibilities

Technical Head at Telecommunication Society of Xavier 2023, Annual Festival held at XIE, Mahim, Mumbai-400016

Secretary of IETE Student's Forum (ISF) Managing Committee Year-2024

Internship

➤ **IBM SkillBuild (Feb 2024)**

CSRBOX: Data Science Internship

➤ **ONGC (June-July 2024)**

Worked on Web Programming Project a Quiz Management System and an Interactive Login System with Active Directory Integration, enhancing security and efficiency in user authentication and quiz administration.

(Skills Involved – Python, HTML, CSS, PHP, LDAP, Active Directory Integration)

Projects

➤ **Tourmate -Full Stack Development (April 2022)**

Tourmate is a tourism website with a user-friendly login and detailed travel destination information, offering comprehensive guides for an enjoyable journey.

(Skills Involved – HTML, CSS, JavaScript, SQL)

➤ **Rainbow Hues (Dec 2022).**

Rainbow Hues is a paint management website developed with Java Apache, featuring a secure login page and a seamless shopping experience. Users can browse, select items, and add them to their cart, with all data efficiently connected to a robust database.

(Skills Involved – Java, SQL)

➤ **Automatic Waste Segregation Bin (April 2023)**

A smart dustbin with an ultrasonic sensor opens its lid using a servo motor when waste is detected and uses a moisture sensor to separate dry and wet waste.

(Hardware used- Arduino Uno, Moisture Sensor, Ultrasonic Sensors, Software-ArduinoIDE)

➤ **Attendance System Using Face Recognition (April 2023)**

Automates attendance by using OpenCV for real-time face detection and recognition, ensuring accuracy and efficiency. This system eliminates the need for manual records.

(Skills Involved – Python, OpenCV)

➤ **Fire Alert Sending Email Model (Dec 2023)**

Develop a smart home automation system that uses a fire sensor to detect fire and automatically sends an email to the owner or fire service via the ESP8266 WiFi module. It also activates a buzzer to alert neighbors when no one is home.

(Hardware – MSP430 Microcontroller, ESP8266 Wifi module, Fire Sensor)

➤ **Private car parking Password system (April 2024)**

A private car parking system ensures secure access with a password entry system, automatically opening the gate upon correct password entry for authorized access.

(Hardware – FPGA Kit)

➤ **Amico: Your Social and Professional Connectors (Oct 2024)**

Amico: A social and professional networking platform connecting college students through intelligent profile matching using KNN machine learning, fostering meaningful relationships.

(Software – Python, React, MongoDB, Machine learning)



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Electronics and Telecommunication Engineering
(Programme accredited by National Board of Accreditation - NBA)

02/10
ms

APTITUDE TEST

Class- T.E.(EXTC)

Name -

Ritik Rey

Roll No.

28

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
c) Eshwar and Farooq d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above

3) Who is sitting just in the middle?

- a) Inayat b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
b) North east
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



Xavier Institute of Engineering

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~~a) 4 years~~

b) 8 years ✓

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

~~b) 10~~

c) 11 ✗

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

a) LRGPRS

b) LRGGYM

~~c) LGMYGR~~ ✓

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~ ✓

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~ ✓

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~ ✓

c) 26

d) 20

10) y, _, q, m, i

a) w

~~2) u~~ ✓

3) t, 4) I

TANMAY SAWANT

+91 8689882203 | tvsawant22119@gmail.com | www.linkedin.com/in/yourlinkedinURL |
<https://github.com/tanmay070404sawant>

SUMMARY

I'm Tanmay Sawant, an adaptable and collaborative professional driven by a passion for teamwork and a love for travel. My versatile nature and strong teamwork skills enable me to thrive in diverse settings, contributing effectively to any team. Through my travels, I have refined my leadership qualities, embracing challenges with enthusiasm and an open mind, always eager to learn and grow from every experience.

Skills: Computer Networking, Python Programming, Linux, Communication, Team-leadership, Event Management and Co-ordination

EDUCATION

- **Bachelor of Engineering in Electronics and Telecommunication (BE-EXTC)** 2021 - 2025
From Xavier Institute of Engineering / Score: Average of Sem 1 to Sem 5 is 8.62 CGPA
- **Higher Secondary Certificate (HSC/12th)** 2019 - 2021
From Lakshya Prep Higher School and Junior College / Score: 87.67% (Distinction)
- **Secondary School Certificate (SSC/10th)** 2008 - 2019
From Model English School / Score: 77.60% (Distinction)

INTERNSHIP

IBM SkillsBuild

10th June 2024 – 6th July 2024

- **Crop Yield Production using Watson Studios:** Leveraged IBM Watson Studio to analyse agricultural data and predict crop yields, enhancing decision-making processes for farmers and improving agricultural productivity.
- **Food Restaurants Chatbot using Watson X:** Created a chatbot with IBM Watson X to assist restaurant customers with inquiries.

PROJECT

1. SignSpectra : Sign Language Translator:-

It is a revolutionary two-way communication tool designed to translate sign language to speech and vice versa, bridging the communication gap between the deaf and hard of hearing community and those who do not understand sign language. With SignSpectra, users can seamlessly translate spoken language into sign language and convert sign language gestures into clear, spoken words, making communication more accessible and inclusive for everyone.

Key Points: Sign Language Translation, Speech Recognition, Gesture Recognition, Accessibility, Real-Time Communication, AI & Machine Learning, User Interface Design.

2. Traffic Light Controller using FPGA Spartan6:-

It is a project designed to manage traffic lights at an intersection. This system utilizes the Spartan 6 FPGA to implement a finite state machine (FSM) that controls the timing and sequence of traffic lights. By leveraging the programmable nature of the FPGA, the controller ensures efficient and reliable operation, managing the transitions between green, yellow, and red lights based on pre-defined time intervals. This approach provides a robust solution for traffic management, relying solely on precise digital logic control.

Key Points: Traffic Management, FPGA Programming, Finite State Machine (FSM), Digital Logic Design, Spartan 6 FPGA, Timing Control, Signal Processing, Hardware Implementation, Real-Time Systems.

3. Obstacle Avoiding and Line Following Robot Car using STM32 NUCLEO:-

It is an innovative project that combines two essential functionalities in autonomous robotics: obstacle avoidance and line following. Utilizing the STM32 NUCLEO microcontroller, this robot car is equipped with sensors and actuators to navigate its environment intelligently.

Key Points: Autonomous Robotics, Obstacle Avoidance, Line Following, Embedded Systems, STM32 NUCLEO, Sensor Integration, Actuator Control, Real-Time Navigation, Microcontroller Programming.

4. **Unveiling the Android App Market: Analyzing Google Play Store Data:-**

It is a data analytics project that examines various aspects of the Google Play Store to extract meaningful insights. By collecting and cleaning data on apps and user reviews, the project conducts exploratory data analysis to visualize key metrics like app popularity, rating distribution, and category trends. Additionally, it includes sentiment analysis of user reviews, price analysis to understand the impact on ratings and downloads, and insights into the most popular categories. The aim is to provide actionable insights for app developers and marketers to make data-driven decisions.

Key Points: Data Analytics, Google Play Store Analysis, Exploratory Data Analysis (EDA), Data Cleaning, Data Visualization, Sentiment Analysis, App Market Insights, Python Programming, Statistical Analysis, Trend Analysis.

5. **House Price Prediction using Linear Regression:-**

It is a project focused on forecasting property values by applying linear regression techniques. By analyzing historical data on housing features such as size, location, and number of bedrooms, the model learns to identify relationships between these features and house prices. The goal is to develop a predictive model that accurately estimates property values based on input characteristics, enabling potential buyers and sellers to make informed decisions in the real estate market.

Key Points: House Price Prediction, Linear Regression, Predictive Modeling, Data Analysis, Feature Engineering, Real Estate Analytics, Python Programming, Statistical Modeling, Machine Learning.

CERTIFICATION COURSES

- Introduction to IOT from CISCO Networking Academy
- NDG Linux Essentials from CISCO Virtual Academy
- Computer Networks and Internet Protocol from NPTEL by IIT Kharagpur
- Getting started with Artificial Intelligence from IBM SkillsBuild
- Artificial Intelligence Fundamentals from IBM SkillsBuild

ACHIEVEMENTS

- Champion of the Year Award by IET Mumbai Local Network
- Best Outstanding Project in Even Semester for 'Obstacle Avoiding and Line Following Robot Car using STM32 NUCLEO' by Xavier Institute of Engineering
- 1st in Genre Mashup (Drama Event) in Spandan 2023-24 by Xavier Institute of Engineering

POSITIONS OF RESPONSIBILITIES

1. **XIE – IET On Campus**
 - Head of Committee (July 2024 – Present)
 - Secretary (December 2023 – July 2024)
 - Event Manager (July 2023 – December 2023)
 - Assistant Event Manager (August 2022 – July 2023)
2. **Telecommunication Society of Xavierities (TSX)**
 - Convener (July 2024 – Present)
 - Joint – Secretary (July 2024 – July 2023)
3. **IET Mumbai Local Network**
 - YP Co-Ordinator for Xavier Institute of Engineering (December 2023 – Present)
4. **Training and Placement Office – Xavier Institute of Engineering (TPO – XIE)**
 - TPO Co-Ordinator for BE EXTC (January 2024 – Present)
5. **Student Council – Xavier Institute of Engineering**
 - Head of Department – Arts and Drama Department in SPANDAN 2023-24 (July 2023 – July 2024)
 - Documentation Co-Head in SPARX 2023-24 (July 2023 – July 2024)

ARYAN PATIL

9819363273 | patilavs03@gmail.com | <https://www.linkedin.com/in/aryanvpatil/>

EDUCATION

Xavier Institute of Engineering	2021 -- Present
Bachelor of Engineering in Electronics and Telecommunication, CGPA – 9.4 (SEM 1 – SEM 5)	
Higher Secondary Certificate (HSC / 12th)	2019 -- 2021
Pioneer Junior College of Science, Percentage – 89%	

INTERNSHIP

IBM SkillsBuild Program on AI - ML	June 2024 -- July 2024
<ul style="list-style-type: none">Created a crop prediction model using IBM Watson Studio, which predicts crops based on climatic and field conditions.Created a Q/A restaurant chatbot using Watson X that answers basic questions related to the restaurant.	

PROJECTS

Krishi Samrudhi | IOT, ML

- Revolutionized farming by combining a crop recommendation system using machine learning based on NPK, pH, temperature, and humidity sensors.
- Intrusion detection to prevent the crops from cattle's by sending picture of the intruder
- Automatic Irrigation System to water the crops based on humidity of the soil.

PWM Wave Generation | FPGA Spartan 6, Motor, LED

- Analysed and understood Verilog code used for generating PWM signals with adjustable duty cycles.
- Conducted simulations and timing analysis to ensure correct signal generation and synchronization.

Home Automation System | STM32 F446RE, Bluetooth module, Relay module

- Developed a home automation system using the STM32 microcontroller and Bluetooth to remotely control lights and motor pumps, enhancing convenience and energy efficiency.
- Implemented the system by integrating relay module for seamless appliance control through terminal application.

Dual Axis Solar Tracking System | Arduino UNO, Servo motors, Solar panels

- Created a dual-axis solar tracking system with Arduino Uno to optimize solar panel orientation for optimal sunshine exposure.
- Improves energy efficiency by continuously tracking the sun's movement throughout the day, resulting in higher power generation from solar panels.

CERTIFICATIONS

-
- | | |
|--|------|
| • Computer Networks and Internet Protocols, NPTEL IIT Kharagpur. | Link |
| • Networking Essentials, Cisco Skills for All | Link |
| • Introduction to Packet Tracer, Cisco Skills for All | |
| • NDG Linux Essentials, Cisco Networking Academy | Link |

SKILLS

-
- Networking Basics (TCP/IP , UDP, Topologies)
 - Python (Intermediate)
 - Linux (Intermediate)

EXTRA CURRICULAR ACTIVITIES

-
- Member and Digital Marketing Head of Institution Electronic and Telecommunication Engineering.
 - Managed the Graphics committee under Telecommunication Society of Xavierite's (TSX).
 - Managed the Documentation committee under Spark and Transmission Feast of XIE.



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APTITUDE TEST

Class- T.E.(EXTC)

Name - *Shantana Ramteke*

Roll No. *25*

09/10
[Signature]

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
 c) Eshwar and Farooq d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above

3) Who is sitting just in the middle?

- a) Inayat b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
b) North east
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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- a) 4 years
b) 8 years
c) 10 years
d) None of the above
- 5) How many numbers between 11 and 90 are divisible by 7?
a) 9
b) 10
c) 11
d) 12
- 6) If CANDLE IS IGTXFY then FLAME is?
a) LRGPRS
b) LRGGYM
c) LGMYGR
d) LRGSKY
- 7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?
a) Uncle
b) Brother- In Law
c) Cousin
d) Cannot be determined
- 8) a, d, i, p, ? what is the next term.
a) q
b) r
c) s
d) t
e) y
- 9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?
a) 25
b) 28
c) 26
d) 20
- 10) y, _, q, m, i
a) w
b) u
c) t, d) I



04/10
100

APTITUDE TEST

Class- T.E.(EXTC)

Name - Deepak Baheti

Roll No. 3

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbourer of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- ~~a) Kishore and Dayal~~ b) Eshwar and Dayal
c) Eshwar and Farooq d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above

3) Who is sitting just in the middle?

- ~~a) Inayat~~ b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
b) North east
c) North West
~~d) South~~

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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a) 4 years

~~b) 8 years~~

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

c) 11

~~d) 12~~

6) If CANDLE IS IGTXFY then FLAME is?

a) LRGPRS

~~b) ERGGYM~~

c) LGMYGR

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

b) Brother- In Law

~~c) Cousin~~

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _?, q, m, i

a) w

~~2) u~~

3) t, 4) I



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APTITUDE TEST

10/10

Class- T.E.(EXTC)

Name - Taiswal Harsh

Roll No. 12

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
c) ~~Eshwar and Farooq~~ d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) ~~none of the above~~

3) Who is sitting just in the middle?

- a) ~~Inayat~~ b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) ~~North~~
b) North east
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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~~a) 4 years~~

b) 8 years

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

~~c) 11~~

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

a) LRGPRS

b) LRGGYM

~~c) LGMYGR~~

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _, q, m, i

a) w

~~2) u~~

3) t, 4) I



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APTITUDE TEST

10/10
for

Class- T.E.(EXTC)

Name - Sarvaubar Pratiksha

Roll No.

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
c) Eshwar and Farooq d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above

3) Who is sitting just in the middle?

- a) Inayat b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
b) North east
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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~~a) 4 years~~

b) 8 years

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

~~c) 11~~

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

a) LRGPRS

b) LRGGYM

~~c) LGMYGR~~

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _, q, m, i

a) w

~~2) u~~

3) t, 4) I



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120
07/10

APTITUDE TEST

Class- T.E.(EXTC)

Name - Sakshi Pawar

Roll No. 23

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbourer of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
~~c) Eshwar and Farooq~~ d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal ~~d) none of the above~~

3) Who is sitting just in the middle?

- a) Inayat b) Chetan ~~c) Baham~~ d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- ~~a) North~~
b) North east
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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~~a) 4 years~~

b) 8 years

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

~~b) 10~~

c) 11

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

~~a) LRGPRS~~

b) LRGGYM

c) LGMYGR

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _?, q, m, i

a) w

~~2) u~~

3) t, 4) I

09/10
100

APTITUDE TEST

Class- T.E.(EXTC)

Name - Derick Lewis

Roll No. 16

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
~~c) Eshwar and Farooq~~ d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal ~~d) none of the above~~

3) Who is sitting just in the middle?

- ~~a) Inayat~~ b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
~~b) North east~~
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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~~a) 4 years~~

b) 8 years

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

~~c) 11~~

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

a) LRGPRS

b) LRGGYM

~~c) LGMYGR~~

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _?, q, m, i

a) w

~~2) u~~

3) t, 4) I



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APTITUDE TEST

19/10
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Class- T.E.(EXTC)

Name - Aryan Patil

Roll No. 21

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
 - ii) Dayal is towards the left of Farooq and second to the right of Chetan.
 - iii) Eshwar is second to the left of Anwar and sitting on one end.
 - iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
 - v) Hariom is next to left of Dayal and is third to the right of Inayat.
- 1) Which two students are sitting in two ends?
a) Kishore and Dayal b) Eshwar and Dayal
c) Eshwar and Farooq d) Kishore and Farooq
 - 2) Which group of students are sitting just next to the right of Gajendra?
a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above
 - 3) Who is sitting just in the middle?
a) Inayat b) Chetan c) Baham d) Jatin
 - 4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point?
a) North
b) North east
c) North West
d) South
 - 5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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-
- a) 4 years
b) 8 years
c) 10 years
d) None of the above
- 5) How many numbers between 11 and 90 are divisible by 7?
a) 9
b) 10
c) 11
d) 12
- 6) If CANDLE IS IGTXFY then FLAME is?
a) LRGPRS
b) LRGGYM
c) LGMYGR
d) LRGSKY
- 7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?
a) Uncle
b) Brother- In Law
c) Cousin
d) Cannot be determined
- 8) a, d, i, p, ? what is the next term.
a) q
b) r
c) s
d) t
e) y
- 9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?
a) 25
b) 28
c) 26
d) 20
- 10) y, _, q, m, i
a) w
b) u
c) t, 4) I



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06/10
Per

APTITUDE TEST

Class- T.E.(EXTC)

Name - Jignesh Chavan

Roll No. 08

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
c) Eshwar and Farooq d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above

3) Who is sitting just in the middle?

- a) Inayat b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
b) North east
c) North West
 d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



- a) 4 years
b) 8 years
c) 10 years
d) None of the above
- 5) How many numbers between 11 and 90 are divisible by 7?
a) 9
b) 10
c) 11
d) 12
- 6) If CANDLE IS IGTXFY then FLAME is?
a) LRGPRS
b) LRGGYM
c) LGMYGR
d) LRGSKY
- 7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?
a) Uncle
b) Brother- In Law
c) Cousin
d) Cannot be determined
- 8) a, d, i, p, ? what is the next term.
a) q
b) r
c) s
d) t
e) y
- 9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?
a) 25
b) 28
c) 26
d) 20
- 10) y, _, q, m, i
a) w
b) u
c) t, 4) I



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09/10
/bn

APTITUDE TEST

Class- T.E.(EXTC)

Name - Mehek Shaikh

Roll No. 33

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
 c) Eshwar and Farooq d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above

3) Who is sitting just in the middle?

- a) Inayat b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
b) North east
 c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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- a) 4 years
b) 8 years
c) 10 years
d) None of the above
- 5) How many numbers between 11 and 90 are divisible by 7?
a) 9
b) 10
c) 11
d) 12
- 6) If CANDLE IS IGTXFY then FLAME is?
a) LRGPRS
b) LRGGYM
c) LGMYGR
d) LRGSKY
- 7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?
a) Uncle
b) Brother- In Law
c) Cousin
d) Cannot be determined
- 8) a, d, i, p, ? what is the next term.
a) q
b) r
c) s
d) t
e) y
- 9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?
a) 25
b) 28
c) 26
d) 20
- 10) y, _, q, m, i
a) w
b) u
c) t, 4) I



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APTITUDE TEST

Class- T.E.(EXTC)

Name - P. Raut Savika

Roll No. 27

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
 - ii) Dayal is towards the left of Farooq and second to the right of Chetan.
 - iii) Eshwar is second to the left of Anwar and sitting on one end.
 - iv) Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
 - v) Hariom is next to left of Dayal and is third to the right of Inayat.
- 1) Which two students are sitting in two ends?
a) Kishore and Dayal b) Eshwar and Dayal
~~c) Eshwar and Farooq~~ d) Kishore and Farooq
 - 2) Which group of students are sitting just next to the right of Gajendra?
a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal ~~d) none of the above~~
 - 3) Who is sitting just in the middle?
a) Inayat ~~b) Chetan~~ c) Baham d) Jatin
 - 4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point?
~~a) North~~
b) North east
c) North West
d) South
 - 5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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~~a) 4 years~~

b) 8 years

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

c) 11

~~d) 12~~

6) If CANDLE IS IGTXFY then FLAME is?

~~a) LRGPRS~~

b) LRGGYM

c) LGMYGR

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

~~a) Uncle~~

b) Brother- In Law

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _, ?, q, m, i

a) w

~~2) u~~

3) t, 4) I



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APTITUDE TEST

Class- T.E.(EXTC)

Name - Mayuresh Avhad

Roll No. 02

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbourer of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
c) Eshwar and Farooq d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above

3) Who is sitting just in the middle?

- a) Inayat b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
b) North east
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?

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- a) 4 years
 - b) 8 years
 - c) 10 years
 - d) None of the above
- 5) How many numbers between 11 and 90 are divisible by 7?
- a) 9
 - b) 10
 - c) 11
 - d) 12
- 6) If CANDLE IS IGTXFY then FLAME is?
- a) LRGPRS
 - b) LRGGYM
 - c) LGMYGR
 - d) LRGSKY
- 7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?
- a) Uncle
 - b) Brother- In Law
 - c) Cousin
 - d) Cannot be determined
- 8) a, d, i, p, ? what is the next term.
- a) q
 - b) r
 - c) s
 - d) t
 - e) y
- 9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?
- a) 25
 - b) 28
 - c) 26
 - d) 20
- 10) y, _, q, m, i
- a) w
 - b) u
- 3) t, 4) I

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10/10
[Signature]

APTITUDE TEST

Class- T.E.(EXTC)

Name - Tanmay Sawant

Roll No. 30

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbourer of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
~~c) Eshwar and Farooq~~ d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal ~~d) none of the above~~

3) Who is sitting just in the middle?

- ~~a) Inayat~~ b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- ~~a) North~~
b) North east
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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~~a) 4 years~~

b) 8 years

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

~~c) 11~~

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

a) LRGPRS

b) LRGGYM

~~c) LGMYGR~~

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _?, q, m, i

a) w

~~2) u~~

3) t, 4) I

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APTITUDE TEST

Class- T.E.(EXTC)

Name - **Sahastrak Chopade**

Roll No. **9**

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbourer of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
~~c) Eshwar and Farooq~~ d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
~~c) Chetan, Hariom, Inayat, Dayal~~ d) none of the above

3) Who is sitting just in the middle?

- a) Inayat b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- ~~a) North~~
b) North east
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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a) 4 years

~~b) 8 years~~

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

~~c) 11~~

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

a) LRGPRS

b) LRGGYM

~~c) LGMYGR~~

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _?, q, m, i

a) w

2) u

~~3) t, 4) l~~



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08/10

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APTITUDE TEST

Class- T.E.(EXTC)

Name - Maithly Grilbili

Roll No. 11

DIRECTIONS: Read the following given below and answer the questions that follow.

- i) Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- ii) Dayal is towards the left of Farooq and second to the right of Chetan.
- iii) Eshwar is second to the left of Anwar and sitting on one end.
- iv) Jatin is the neighbourer of Anwar and Baham and is third to the left of Gajendra.
- v) Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal b) Eshwar and Dayal
c) ~~Eshwar and Farooq~~ d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- a) Chetan, Hariom, Dayal, Eshwar b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) ~~none of the above~~

3) Who is sitting just in the middle?

- a) Inayat b) Chetan c) ~~Baham~~ d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
b) North east
c) North West
d) ~~South~~

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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a) 4 years

b) 8 years

~~c) 10 years~~

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

~~c) 11~~

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

a) LRGPRS

b) LRGGYM

~~c) LGMYGR~~

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _, ?, q, m, i

a) w

~~2) u~~

3) t, 4) I



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05/10/20

APTITUDE TEST

Class- T.E.(EXTC)

Name - Sindusagar Kamurthi

Roll No. 13

DIRECTIONS: Read the following given below and answer the questions that follow.

- Eleven students Anwar, Baham, Chetan, Dayal, Eshwar, Farooq, Gajendra, Hariom, Inayat, Jatin and Kishore are sitting on a bench in a lecture room facing towards the teacher.
- Dayal is towards the left of Farooq and second to the right of Chetan.
- Eshwar is second to the left of Anwar and sitting on one end.
- Jatin is the neighbour of Anwar and Baham and is third to the left of Gajendra.
- Hariom is next to left of Dayal and is third to the right of Inayat.

1) Which two students are sitting in two ends?

- a) Kishore and Dayal ~~b) Eshwar and Dayal~~
c) Eshwar and Farooq d) Kishore and Farooq

2) Which group of students are sitting just next to the right of Gajendra?

- ~~a) Chetan, Hariom, Dayal, Eshwar~~ b) Chetan, Hariom, Inayat, Baham
c) Chetan, Hariom, Inayat, Dayal d) none of the above

3) Who is sitting just in the middle?

- ~~a) Inayat~~ b) Chetan c) Baham d) Jatin

4) I wanted to go the church, I moved northwards and after covering to some distance turned to left and moved 5 km and reached the crossing. The road in front of me led to the Casino while the road to my left led to me Miranda college and the road to my right led to the church. In which direction the church is located with reference to starting point.?

- a) North
~~b) North east~~
c) North West
d) South

5) The sum of the ages of 5 children born at the intervals of 3 years each is 50 years what is the age of the youngest child?



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~~a) 4 years~~

b) 8 years

c) 10 years

d) None of the above

5) How many numbers between 11 and 90 are divisible by 7?

a) 9

b) 10

~~c) 11~~

d) 12

6) If CANDLE IS IGTXFY then FLAME is?

~~a) LRGPRS~~

b) LRGGYM

c) LGMYGR

d) LRGSKY

7) When Kumar saw Sujay, he recalled " He is the son of the father of the mother of my daughter"?

a) Uncle

~~b) Brother- In Law~~

c) Cousin

d) Cannot be determined

8) a, d, i, p, ? what is the next term.

a) q

b) r

c) s

d) t

~~e) y~~

9) There is well of depth 30 m and frog is at bottom of the well. He jumps 3 m in one day and falls back 2 m in the same day. How many days will it take for the frog to come out of the well?

a) 25

~~b) 28~~

c) 26

d) 20

10) y, _?, q, m, i

~~a) w~~

2) u

3) t, 4) I



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TRAINING AND PLACEMENT ACTIVITIES
(TE EXTC 2023-24)
REASONING ABILITY

1. Find the next number in the series 384, 48, 192, 24, 96, _____

- a) 384
- b) 48
- c) 192
- d) 12

Solution:

384, 48, 192, 24, 96

There are 2 series alternatively.

Series 1: 384, 192, 96

Series 2: 48, 24...

Each series is formed by dividing the first term by 2 to get the 2nd term.

Therefore, $24/2 = 12$

2. Given below is a question followed by two statements. I and II, each containing some information. Decode which of the statements are sufficient to answer? How many Rs would Avicii need to spend to buy 11 consoles and 14 headphones?

Avicii spent an amount of Rs 201 thousand to buy 15 consoles and 12 headphones

Avicii spent an amount of Rs 121 thousand to buy 7 consoles and 9 headphones

- a) If statement 1 alone is sufficient to answer the question
- b) If statement 2 alone is sufficient to answer the question
- c) If both the statements together are sufficient to answer the question
- d) If both the statement are insufficient to answer the question



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Solution:

To find - $11x + 14y = ?$

Using statement 1 alone -

$15x + 12y = 201000$ (not alone sufficient as two variables, 1 equation.)

Using statement 2 alone -

$7x + 9y = 121000$ (not alone sufficient as two variables, 1 equation.)

Combining both - Two equations, two variables, can determine the solution for the question statement.

The combination of both statements I and II are necessary.

3. In a certain code, $L*O$ means L is the brother of O, $L+O$ means L is the husband of O, $L \times O$ means L is the mother of O and $L \div O$ means L is the sister of O, then which of the following expressions means D is the daughter of Z?
- a) $Z + S \times D * I \div V$
 - b) $Z + S \times I \div D * V$
 - c) $Z + S \times I * D \div V$
 - d) $Z \times S + I * D \div V$

Solution:

$Z + S = Z$ is husband of S

$S \times I = S$ is mother of I

$I * D = I$ is brother of D

$D \div V = D$ is the sister of V

4. What is the wrong number in the following series?
DNR, GQU, KUY, PZD, VGJ
- a) DNR
 - b) VGJ
 - c) KUY
 - d) PZD



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Solution:

VGJ is the wrong number in the series.

Let's take DNR

Difference between letter D and Letter N is 10 and difference between N and R is 3 ..same with PZD , KUY, GQU

But not with VGJ

5. Four friends Aarti, Bhavna, Charu, and Dhriti have one of the four professions i.e. Dentist, Anchor, Educator, and Landscaper. Each friend belongs to one of the four different cities, Calcutta, Indore, Lucknow, and Punjab. Aarti is not a Landscaper or Educator. The Dentist is from Lucknow, Dhriti is an Anchor. The Landscaper is from Punjab. The Educator is neither from Calcutta nor Punjab. Dentist is not from Punjab. Charu is from Indore. Which of the following statements is correct about Bhavna?
- Bhavna is the Landscaper and belongs to Calcutta
 - Bhavna is Dentist and belongs to Punjab
 - Bhavna is a Dentist and belongs to Calcutta
 - Bhavna is a Landscaper and belongs to Punjab

Solution:

- Aarti is not a Landscaper or Educator.
- The Dentist is from Lucknow.
- Dhriti is an Anchor.
- The Landscaper is from Punjab.
- The Educator is neither from Calcutta nor Punjab.
- Dentist is not from Punjab.
- Charu is from Indore.

From the given data set, we can conclude that,

Person	Profession	Place
Aarti	Dentist	Lucknow
Bhavna	Landscaper	Punjab
Charu	Educator	Indore
Dhriti	Anchor	Calcutta



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6. The following are the criteria of Selecting a Software Engineer for an IT company.

The Candidate must

1. Have completed B.C.A with more than 70 % marks.
2. Be more than 25 years and less than 30 years of age as June 1, 2020.
3. Have secured more than 75 % in the interview and more than 60% marks in the written test.

However, if the candidate fulfills all the above criteria except

1. At (1), but has completed M.C.A with at least 75% of marks, his/her case is to be referred to the managing director.
2. At (2), but has secured more than 85% marks in B.C.A, his/her case is to be referred to the chief Executive officer.

Keith completed B.C.A and M.C.A with 76% and 72% marks respectively. He completed 27 years of age in the year 2019. He has secured 65% marks in the written test and 78% in the interview. What decision would be taken in his case?

- a) His case is to be referred in the managing director
- b) He would be selected
- c) He would not be selected
- d) His case is to be referred to the chief executive officer

Solution:

Criteria	Information	Status
1	Keith completed B.C.A with 76%	Fulfilled
2	He completed 27 years in 2019	Fulfilled
3	He secured 65% marks in the written test and 78% in the interview	Fulfilled

Verdict - He would be selected

7. Four Statements are followed by four conclusions numbered conclusions(s)logically follows/follow from the statements.

Statements:

All breads are cake.

No radish is cake.

Some barks are radish

All barks are eatables



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Conclusion:

- I) Some cakes are breads.
- II) No bark is bread
- III) Some eatables are radish
- IV) Some barks are breads
- a) Only III and IV follow
- b) Only I and either II or IV follow
- c) Only III and either II or IV follow
- d) Only II, III, and IV follow

Solution:

Using the Tick & Cross method

Conclusion I - Not possible, as for getting cakes & eatables in a conclusion, if we take a & d statement, there is no middle term. Hence, option b omitted out

Conclusion III - Possible, taking statement C & D using middle term barks

Conclusion II - Possible, no bark is bread, as no relation of bark & bread. Hence, option A omitted out

After making all possible conclusions, the most appropriate answer is option C.

8. A statement is followed by two assumptions numbered I and II.

Consider the statement and decide which of the given assumption(s) is/are implicit in the statement.

Statement

Various governments across the world have issued strict guidelines for the public to wear masks and wash hands regularly to safeguard their health during covid-19 pandemic.

Assumptions

- I) Covid-19 Pandemic is a serious health issue.
- II) There are ways by which people can save themselves from Covid-19 pandemic.
- a) Neither I nor II is implicit
- b) Both I and II are implicit
- c) Only II is implicit
- d) Only I is implicit



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Solution:

Assumption I can be drawn from the statement as strict guidelines tend to prove the fact that Covid -19 can cause serious health issues

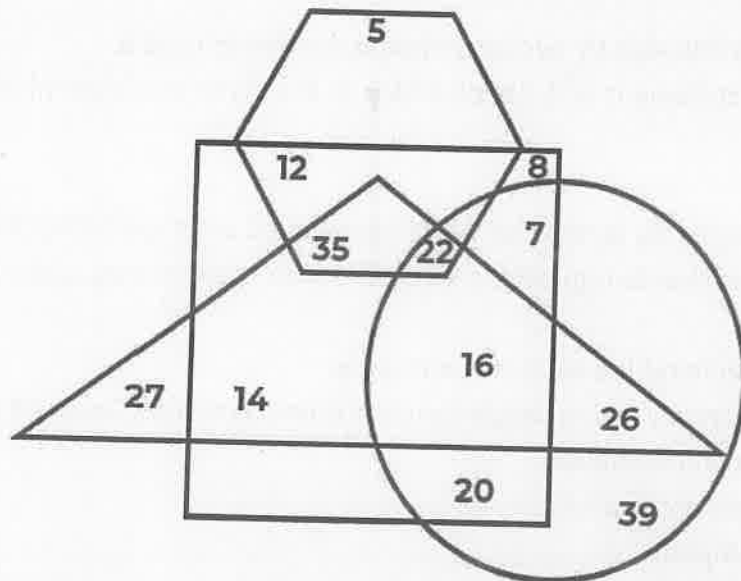
Assumption II can be drawn from the statement as strict guidelines including the use of masks & washing hands regularly which can be the ways by which people can save themselves from Covid-19 pandemic

Hence, Both I and II are implicit.

9. In the following diagram, the hexagon stands for "males", the square stands for "vets", the triangle stands for "government employed", the circle stands for "disease warrior". The numbers in different segments show the number of persons for that segment.

How many government-employed vets are disease-warrior but are not males?

- a) 14
- b) 26
- c) 16
- d) 7





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TRAINING AND PLACEMENT ACTIVITIES

(TE EXTC 2023-24)

APTITUDE

1. An exam was conducted and the following was analyzed. 4 men were able to check some exam papers in 8 days working 5 hours regularly. What is the total number of hours taken by 2 men in 20 days to check double the number of exam papers?

Solution:

Assuming that 1 unit of work is done in 1 hour

Let's calculate the total number of working hours: $\Rightarrow 4 * 8 * 5 = 160$ units

Now the work is doubled: $\Rightarrow 160 * 2 = 320$ units

Let 'x' be the number of hours taken by 2 men to complete the work in 20 days.

Therefore, $\Rightarrow 2 * 20 * x = 320 \Rightarrow x = 8$ hours

2. The numbers from 101 to 150 are written as, 101102103104105...146147148149150. What will be the remainder when this total number is divided by 3?

The divisibility rule for 3 is that the sum of all digits of a number should be divisible by 3.

We calculate separately, sum of the digits in hundreds place, tens place, and units place.

Sum of the digits in hundreds place: $1 * 50 = 50$

Sum of the digits in tens place : $0 * 9 + 1 * 10 + 2 * 10 + 3 * 10 + 4 * 10 + 5 * 1 = 105$

Sum of the digits in units place : $(1 + 2 + 3 + \dots + 9) * 5 = 225$

So total = 380

So remainder = $380 / 9 = 2$ So sum of all digits = 380 $\Rightarrow 380 / 3 = 2$



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3. If the alphabets are written in the sequence of a, bb, ccc, dddd, eeeee, fffff, What will be the 120th letter?

It can be seen that the letter are in AP sequence,

So applying the formula we get, $n(n+1)/2 \leq 120$

We find that $n = 15$ fits the equation

The 15th letter in the English alphabet = O

So 15th term contains O

4. There is a tank whose $1/7$ th part is filled with fuel. If 22 liters of fuel is poured into the tank, the indicator rises to $1/5$ th mark of the tank. So what is the total capacity of the tank?

Let the total capacity of the tank be 'x' liters.

According to the question,

$$\Rightarrow x/7 + 22 = x/5$$

$$\Rightarrow x/5 - x/7 = 22$$

$$\Rightarrow x = 385 \text{ litres}$$

5. In the series of $7^1 + 7^2 + 7^3 + 7^4 + \dots + 7^{204} + 7^{205}$, how many numbers are there with the unit place as 3?

According to the cyclicity of 7, the unit digit follows the pattern of 7, 9, 3, 1 and this repeats.

So in every 4 numbers, we get one 3 in the unit place.

Dividing 205 by 4 we get 51

6. Find the number of divisors of 1728(including 1 and the number itself).

There is a direct formula for this:

Number = $p^a \cdot q^b \cdot r^c \dots$ where p, q and r are prime numbers.

Simply we need to prime factorize the Number.

Then, $(a+1) \cdot (b+1) \cdot (c+1)$ is the number of divisors.

For $1728 = 2^6 \cdot 3^3$

Therefore, $(6+1) \cdot (3+1) = 28$



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7. An old man takes 30 minutes and a young man takes 20 minutes to walk from apartment to office. If one day the old man started at 10.00 AM and the young man at 10:05 AM from the apartment to office, when will they meet?

Ratio of old man speed to young man speed = 3:2

The distance covered by the old man in 5 min = 10 units

The 10 unit is covered with relative speed = $10(3-2) / (3-2) = 10$ min

so, they will meet at 10:15 am.

8. In the range of 112 to 375, how many 2's are there?

The total number of 2's in the units place = (122, 132, 142 ... 192), (201, 212, 222, ... 292), (302, 312, ... 372) = $8 + 10 + 8 = 26$ 2's

The total number of 2's in tenth's place = (120, 121, 122, ..., 129) + (220, 221, ..., 229) + (320, 321, ..., 329) = 30

The total number of 2's in hundred's place = (200, 201, ... 299) = 100.

So the total number of 2's between 112 and 375 = $26 + 30 + 100 = 156$

9. Ram walks 36 km partly at a speed of 4 km/hr and partly at 3 km/hr. If he had walked at a speed of 3 km/hr when he had walked at 4 and 4 km/hr when he had walked at 3 he would have walked only 34 km. The time (in hours) spent by Ram in walking was

Let Ram walk 'x' hrs at 4 km/hr, and 'y' hrs at 3 km/hr.

Given,

$$4x + 3y = 36$$

$$3x + 4y = 34$$

Solving these two equations we get $x + y = 10$

10. If VXUPLVH is written as SURMISE, what is SHDVD written as?

It is a question of coding-decoding where,

V is written as S ($V - 3 = S$)

X is written as U ($X - 3 = U$)

Similarly, SHDVD will be written as PEASA



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Technical Skill Development

Topic: Machine Learning

Introduction to Machine Vision

- **Definition:** Machine vision involves the use of digital input captured by cameras and processed by algorithms to interpret and understand visual information.
- **Applications:** Quality control in manufacturing, autonomous vehicles, medical imaging, robotics, and security systems.

Core Concepts

- **Image Acquisition:** Techniques for capturing visual data, including cameras, sensors, and 3D scanners.
- **Pre-processing:** Methods to enhance image quality, such as noise reduction, contrast enhancement, and edge detection.

Advanced Algorithms

- **Feature Extraction:** Identifying important parts of the image, such as edges, corners, and textures.
 - **SIFT (Scale-Invariant Feature Transform):** Detects and describes local features in images.
 - **SURF (Speeded-Up Robust Features):** Similar to SIFT but faster.
- **Object Recognition:** Identifying objects within an image.
 - **Convolutional Neural Networks (CNNs):** Deep learning models specifically designed for processing grid-like data such as images.
 - **YOLO (You Only Look Once):** Real-time object detection system.
- **Image Segmentation:** Partitioning an image into segments for easier analysis.
 - **Semantic Segmentation:** Assigns a class label to each pixel.
 - **Instance Segmentation:** Differentiates between individual objects of the same class.
- **3D Vision:** Understanding and interpreting three-dimensional information.
 - **Stereo Vision:** Using two cameras to obtain depth information.
 - **LIDAR:** Using laser pulses to measure distances.

Machine Learning in Vision

- **Supervised Learning:** Training models on labeled data to recognize patterns.

- **Unsupervised Learning:** Finding patterns in data without labeled responses.
- **Reinforcement Learning:** Training models through trial and error, receiving rewards or penalties.

Challenges and Solutions

- **Occlusion:** Objects being partially or fully blocked in the view.
 - **Solution:** Use of multi-view cameras and robust algorithms.
- **Variability in Lighting:** Changes in illumination affecting image quality.
 - **Solution:** Image normalization techniques and adaptive algorithms.
- **Real-time Processing:** Need for quick analysis and decision-making.
 - **Solution:** Efficient algorithms and hardware acceleration.

Applications and Case Studies


- **Autonomous Vehicles:** Use of machine vision for navigation, object detection, and collision avoidance.
- **Medical Imaging:** Automated analysis of X-rays, MRIs, and other medical scans for diagnostics.
- **Industrial Inspection:** Automated inspection of products on assembly lines for defects.

Future Trends

- **Integration with AI:** Combining machine vision with artificial intelligence for more intelligent systems.
- **Edge Computing:** Processing data locally on the device rather than relying on cloud services, reducing latency.
- **Improved Hardware:** Advances in camera and sensor technology enhancing image quality and processing capabilities.

Conclusion

- Advanced machine vision algorithms are transforming various industries by enabling machines to interpret and act on visual data.
- Continuous advancements in technology and algorithms are driving the field forward, offering new possibilities and solutions.


Prof. Leena Patil



XAVIER INSTITUTE OF ENGINEERING

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Department of Information Technology

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Title of the event: TPO Quiz Activity

Event Date / Time: 11/02/2024, 18/02/2024, 23/02/2024, 08/03/2024, 15/03/2024, 22/03/2024

Time: 03:30 - 04:30 pm

Event Coordinators: Prof. Stella J

No. of Participants: SE, TE, BE Students

Semester: IV, VI, VIII

Objectives:

- To provide students with an opportunity to test their understanding and problem-solving abilities in various technical and reasoning domains.
- To enhance the preparation of students for upcoming placement drives by familiarizing them with typical aptitude, coding, and reasoning questions.
- To foster a competitive environment that encourages learning and self-assessment.

Description:

The quiz was structured into five sections with each section carrying 20 marks.

1. Data Structures and Algorithms (DSA):

- Questions included problems related to arrays, linked lists, stacks, queues, trees, sorting, and searching algorithms.

2. Aptitude:

- The aptitude section included problems on topics such as quantitative aptitude, logical reasoning, and data interpretation.

3. C Programming:

- This section tested basic to advanced concepts in C programming, including loops, functions, pointers, arrays, and memory management.

4. Verbal Reasoning:

- The verbal reasoning section included questions on reading comprehension, grammar, analogy, and sentence formation.

5. DBMS:

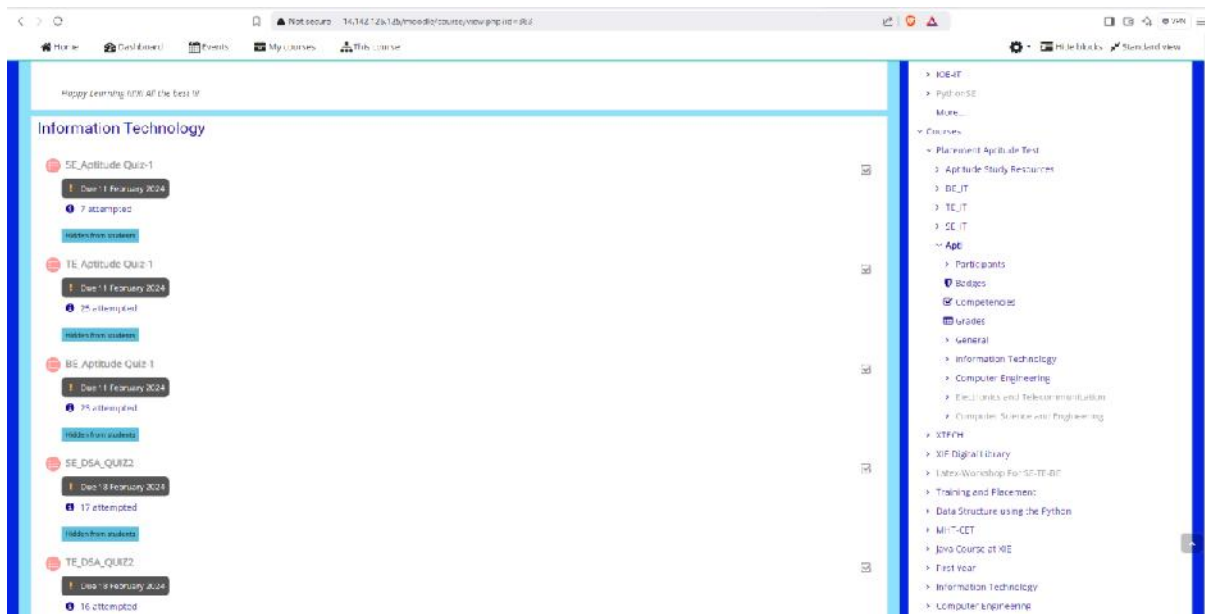
- The DBMS section focused on essential topics such as database design, normalization, SQL queries, indexing, and transaction management.

This TPO Quiz Activity aimed to bridge the Gaps in Placements and the feedback from the students was very encouraging!

POs achieved: PO1, PO2, PO6, PO7, PO8, PO9, PO10, PO12

PSOs achieved: PSO1, PSO2

Event Photos:



Quiz Activity in the moodle server (<http://14.142.126.125/moodle>)

Aptitude Test

Home | Dashboard | Events | My courses | This course

Dashboard > Courses > Placement Aptitude Test > Apt > Information Technology > SE_DSA_QUIZ2 > Results > Export

SE_DSA_QUIZ2

Attempts: 17

What to include in the report

Automated from:

Attempts that are: In progress Overdue To Show Never available

Show only attempts: that have been regraded / are marked as needing regrading

Display options

Page size:

Mark for each question:

Only general reports are shown allowed to be public

Filter with:

Sort with:

Download table data as:

First name / Surname	Email address	Status	Started on	Completed on	Time taken	Q. 1	Q. 2	Q. 3	Q. 4	Q. 5	Q. 6	Q. 7	Q. 8	Q. 9	Q. 10	Q. 11	Q. 12	Q. 13	Q. 14
SIRAVANI ADHAV	202203028@RKVAU@jy@president.vsnl.net.in	Finished	14 October 2025 8:37 AM	14 October 2025 8:37 PM	14.00	✓ 1.00	✗ 0.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✗ 0.00	✗ 0.00	✓ 1.00	✗ 0.00	✓ 1.00
NETISHIJA	202203020@NITESHIM@boushchrajy@vsnl.net.in	Finished	14 October 2025 8:36 PM	14 October 2025 8:36 PM	14.00	✓ 1.00	✗ 0.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✗ 0.00	✗ 0.00	✓ 1.00	✗ 0.00	✓ 1.00

Quiz Results of SE-IT DSA quiz

Ms. Stella J

TPO Quiz Coordinator

Dr. Jaychand Upadhyay

HOD-IT

Dr. Y.D. Venkatesh

Principal



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Date:19/04/2024

TPO Quiz Activity Toppers List 2 - BE

Duration of Exam: 09/02/2024 – 22/03/2024

SR.NO	NAME	ROLL NO	MARKS
1	GUPTA HARSHITA RAKESH HEMLATA	202003026	90 / 120
2	SINGH ARADHANA SANTOSH RADHIKA	202003056	75 / 120
3	PAWAR TRUPTI CHANDRAKANT SANGITA	202003049	57 / 120

(Prof. Stella J)

TPO Quiz Coordinator

(Dr. Jaychand Upadhyay)

HOD – IT



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Date:19/04/2024

TPO Quiz Activity Toppers List 2 - TE

Duration of Exam: 09/02/2024 – 22/03/2024

SR.NO	NAME	ROLL NO	MARKS
1	RANE SAISH KISHOR KIRTIDA	202103039	74 / 120
2	DIVYAJOTHI RAJA ARASAKUMARI	202103011	67 / 120
3	KAMBLE RIYA PANDURANG PALLAVI	202103028	66 / 120

(Prof. Stella J)

TPO Quiz Coordinator

(Dr. Jaychand Upadhyay)

HOD - IT



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Date:19/04/2024

TPO Quiz Activity Toppers List 2 - SE

Duration of Exam: 09/02/2024 – 22/03/2024

SR.NO	NAME	ROLL NO	MARKS
1	JADHAV SHRAVANI MANGESH SANGEETA	202203028	73 / 120
2	VISHWAKARMA SACHIN DHARAMVEER VISHWAKARMA	202203061	63 / 120
3	ALMEIDA LICIA KORAK NIRMALA	202203005	58 / 120

(Prof. Stella J)

TPO Quiz Coordinator

(Dr. Jaychand Upadhyay)

HOD - IT

DATE: 17/05/2024

Introduction: The IBM SkillsBuild Micro-Internship Program, conducted in collaboration with Xavier Institute of Engineering (XIE), aimed to provide practical insights and hands-on experience to students in emerging fields. The program encompassed two distinct tracks: Data Science and Generative AI. A total of 158 students, spanning from SE to BE, registered for this enriching opportunity.

Program Overview: The Micro-Internship Program comprised two tracks, each tailored to provide participants with specialized knowledge and practical skills:

Data Science Micro-Internship: This track focused on equipping students with hands-on experience in data analysis, machine learning, and statistical modeling. Through practical exercises and real-world applications, participants gained invaluable insights into the field of data science, which is crucial in today's data-driven world.

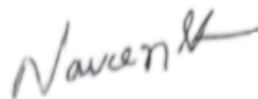
Generative AI Micro-Internship: Participants delved into the realm of Generative AI, exploring AI models capable of generating diverse and creative content, including images and text. The program emphasized collaboration with industry experts, allowing students to grasp cutting-edge techniques and understand the vast potential of Generative AI. A special emphasis was placed on Prompt Engineering, highlighting its significance in enhancing the capabilities of AI models.

Orientation Session: The program commenced with an online orientation session conducted on 26th February 2024. This session provided participants with an overview of the program structure, objectives, and expectations. It also served as a platform to address any queries and concerns, ensuring clarity and readiness among the students.

Certificate Awarding: Upon completion of the internship program, students will receive certificates from IBM SkillsBuild, acknowledging their participation and successful completion of the respective tracks. These certificates serve as a testament to the students' dedication and proficiency in their chosen fields.

Letter of Understanding (LOU) with IBM Skills Build: In March 2024, Xavier Institute of Engineering officially signed a Letter of Understanding (LOU) with IBM SkillsBuild, solidifying the partnership for future activities and collaborations. This LOU signifies a commitment to continued engagement and mutual support in fostering skill development and experiential learning opportunities for students.

Conclusion: The IBM SkillsBuild Micro-Internship Program, organized in collaboration with Xavier Institute of Engineering, has provided students with a platform to gain practical insights and hands-on experience in emerging fields such as Data Science and Generative AI. Through this program, students have enhanced their understanding and proficiency in these cutting-edge domains, preparing them for future career opportunities in the rapidly evolving technology landscape.



Mr. Naveen Kukreja
Internship Coordinator IIC



Dr. Y. D. Venkatesh
Principal

Images (if Any)

ORIENTATION SESSION @ Mon Feb 26, 2024 3:30pm - 5pm (IST) ☆
(naveen.k@xavier.ac.in) External Inbox

IBM SKILLSBUILD ORIENTATION SESSION
Mon Feb 26, 2024 3:30pm - 5pm (IST)

When
Mon Feb 26, 2024 3:30pm - 5pm (IST)

Where
<https://us06web.zoom.us/j/84316508403>

Organiser
Anjali.v CSRBOX

Invitees
Anjali.v CSRBOX
Naveen Kukreja

[Open in Calendar](#)

A Anjali.v CSRBOX 22 Feb
to me ▾


Team IBM SkillsBuild CSRBOX is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting
<https://us06web.zoom.us/j/84316508403>

Meeting ID: 843 1650 8403

3:44 5G 80%

Close Participants (16)

- I** IBMSB-CSRBOX (Host) REC
- AS** Allwyn Sodya
- H** Harsh
- H** Harshvardhan
- JS** Jean Sequeira
- L** Luvin
- MB** Mayuresh Balsaraf
- NN** Nithin Nayak
- PL** Parth Lagishetty
- PG** PRINCE GUPTA
- R** Rahul Chalke
-  Soham Murkar
- YM** Yash Mane
- M** Melvin Tharakan

[Invite](#)

IBM SkillsBuild Micro Internship Program 2024 (for XIE students)

Are you ready to revolutionize your approach to problem-solving and unleash your innovative spirit? Don't miss out on our exclusive **2 Weeks Virtual Internship Program** on **Data Science** and **Generative AI** starting from February 19th!

Data Science Micro-Internship

Explore the dynamic realm of Data Science through this intensive 2-week internship. Gain hands-on experience in data analysis, machine learning, and statistical modeling. Collaborate with industry experts, tackle large datasets, and sharpen your skills for a promising future in the field of data science.

Generative AI Micro-Internship

Embark on a transformative journey in the field of Generative AI through this immersive 2-week internship. Gain hands-on experience in using AI models capable of generating diverse and creative content, from images to text. Collaborate with experts, delve into cutting-edge techniques, and emerge with a profound understanding of the limitless possibilities that Generative AI holds for the future. Learn about Prompt Engineering as a part of this Internship.

Key Benefits

- Opportunity to gain internships and full-time job opportunities.
- Learn about data science skills, and AI tools to communicate data-driven stories.
- Opportunity to learn from industry experts.
- Compete with fellow learners from PAN India and grow your professional network.
- Gain globally recognized IBM SkillsBuild badges and certificates.
- Transform your learning into a tangible showcase for future employers.
- Get your resume and LinkedIn profile reviewed by industry experts.
- Participate in our Job Fairs and receive placement assistance.



Time Commitment:
2 Weeks



Mode of Camp:
Virtual Mode



Who should attend:
Any SkillsBuild learner who is interested in the Data Science and AI Domain or willing to learn Job Readiness Skills.



Language:
English



Dates:
Feb 19th 2024 to Mar 05th 2024



Scan the QR Code
or use this link to
Register for the
internship

[Click here](#)

Upon successful completion of the program, attendees will be awarded participation certificates and placement/internship assistance. Students are encouraged to complete the SkillsBuild learning activities to receive personalized mentoring from IBM employees. Being a part of the IBM SkillsBuild Whatsapp groups, participants will get real-time updates about the platform and program. Top-performing individuals will get a chance to participate in the IBM Annual Event 2024.

Orientation

Q & A Sessions

Working on
Deliverables

Completion
Certification



Masterclasses by
subject experts

Self - Paced
Learning

Deliverable
Submission



Date:- 15 July 2024

Event Coordinator(s):-

**Prof. Naveen Kukreja
Mr. Chirag Thakkar**

Time & Place:-

**8th June – 16 June 2024,
LH1, Ground Floor,
Xavier Institute of
Engineering**

No of participant:-

64

Departments:-

All Departments

Our college hosted an aptitude training session for final-year engineering students, under the direction of Mr. Chirag Thakkar from Smartwayz Ltd. The goal of the session was to give students the fundamental knowledge and abilities in verbal, logical, and quantitative reasoning so they would be ready for their next placement tests. Key components of aptitude testing were covered in the program, such as: -Logical Reasoning: Methods for solving logical puzzles, seating arrangements, and deductions.

-Verbal Reasoning: Techniques for enhancing reading comprehension, sentence structure, and vocabulary.

-Quantitative Reasoning: Fundamental ideas and techniques for solving algebraic, geometric, and arithmetic problems as well as data interpretation.

Interactive lectures, real-world problem-solving, and group discussions were all part of the program. Concepts were illustrated and their useful applications were highlighted through real-world examples and scenarios.

Student Opinion and Advantages:

The students greatly appreciated the aptitude training that Mr. Chirag Thakkar from Smartwayz Ltd. provided. They valued the advantages of the session as well as Mr. Thakkar's method of instruction. Notable aspects from the student responses consist of:

-Relevant Content: It was felt that the subjects covered directly related to the requirements of the placement exam.

-Unambiguous Instruction: It was noted that Mr. Thakkar's method of instruction made difficult ideas simpler to comprehend.

-Interactive Approach: The sessions' interactive structure promoted engagement and improved understanding.

-Increased Confidence: Students felt more confident after the training, which helped them get ready for the upcoming placement season.

All things considered, the aptitude training was well received and gave students the knowledge and skills they needed to succeed on aptitude-based placement tests. The knowledge acquired during the discussion has empowered

Dr. Y.D. Venkatesh
Principal,
Xavier Institute of Engineering



Prof. Naveen Kukreja
Placement Officer,
Xavier Institute of Engineering

IMAGES



Dr. Y.D. Venkatesh
Principal,
Xavier Institute of Engineering

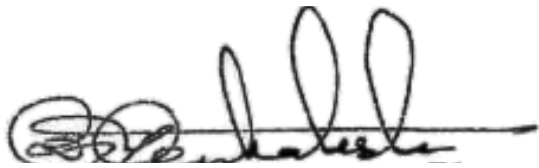


Prof. Naveen Kukreja
Placement Officer,
Xavier Institute of Engineering

ATTENDANCE LIST (IT)

Sr. No.	Student's Name	Day					
		1	2	3	4	5	6
1	Harshvardhan Gupta	P	P	P	P	P	P
2	Shreya Jadhav	P	P	P	P	P	P
3	Saahil Sunilkumar Chaurasia	P	P	P	P	P	P
4	Rupesh Sanjay Darpe	P	P	P	P	P	P
5	Saksham Arun Gupta	P	P	P	P	P	P
6	Ajay Pandey	P	P	P	P	P	P
7	Saish Rane	P	P	P	P	P	P
8	Piyush Mane	P	P	P	P	P	A
9	Ishan Vaghela	P	P	P	P	P	P
10	Aditya Rajendra Ghadge	P	P	P	P	P	P
11	Shruti Milind Parade	P	P	P	P	P	P
12	Vedant Sagar Gharat	P	P	P	P	P	P
13	Lekha Pulavarthy	P	P	P	P	P	P
14	Neha Vinay Yadav	P	P	P	P	P	P
15	Rajaram Dilip Desai	P	P	P	P	P	P
16	Khushal Jogi	P	P	P	P	P	P
17	Pratik Ramkirat Gupta	P	P	P	P	P	P
18	Riya Pandurang Kamble	P	P	P	P	P	P

Sr. No.	Student's Name	Day					
		1	2	3	4	5	6
19	Sumit Vishwakarma	P	P	P	P	P	P
20	Jayesh Dilip Kakade	P	P	P	P	P	P
21	Mangesh Krishna Pangam	P	P	P	P	P	P
22	Jovan Creado	P	P	P	P	P	P
23	Sejal Gyanchand Gupta	P	P	P	P	P	P
24	Sumedh Vijay Shinde	P	P	P	P	P	P
25	Akib Sayed	P	P	A	P	P	P
26	Aditi Satam	P	P	P	P	P	P
27	Yash Jaiswar	P	P	P	P	P	P
28	Gaurav Premkumar Kashelkar	P	P	P	P	P	A
29	Prathamesh Vaidya	P	P	P	P	P	P
30	Vivek Rajkumar Singh	P	P	P	P	P	P
31	Samuel Ramesh Pallikonda	P	P	P	P	P	P
32	Mayuresh Balsaraf	P	P	P	P	P	P
33	Pratham Rajesh Singh	P	P	P	P	P	P
34	Divyajothi Raja	P	P	P	P	P	P



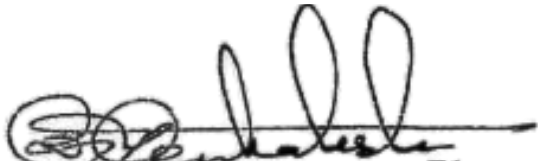
Dr. Y.D. Venkatesh
Principal,
Xavier Institute of Engineering




Prof. Naveen Kukreja
Placement Officer,
Xavier Institute of Engineering

ATTENDANCE LIST (COMPS)

Sr. No.	Student's Name	Day					
		1	2	3	4	5	6
1	Nilesh Awdhesh Mishra	P	P	P	P	P	P
2	Anujeet Balaprasad Kunturkar	P	P	P	P	P	P
3	Melvin Varghees Tharakan	P	P	P	P	P	P
4	Siddharth Dattatray Bandal	P	P	P	P	P	P
5	Nadar Maheshwaran Ganeshan	P	P	P	P	P	P
6	Mohammed Arbaaz Shaikh	P	P	P	P	P	P
7	Nijel Shoby	P	P	P	P	P	P
8	Ashiv Prajapati	P	P	P	P	P	P
9	Sharon Gaspar	P	P	P	P	P	P
10	Antara Shailesh Kolhatkar	P	P	P	P	P	P
11	Chirag Santosh Jawle	P	P	P	P	P	P
12	Sarguroh Muhammad Aamir Shabbir Khan						
13	Atharva Kiran Gaikwad	P	P	P	P	P	P
14	Pon Adityan Jeyamurugan						
15	Rickson Castelino	P	P	P	P	P	P



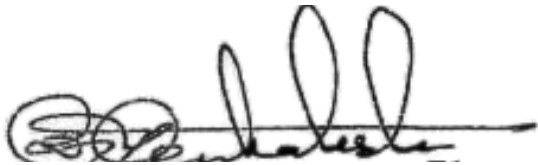
Dr. Y.D. Venkatesh
Principal,
Xavier Institute of Engineering




Prof. Naveen Kukreja
Placement Officer,
Xavier Institute of Engineering

ATTENDANCE LIST (EXTC)

Sr. No.	Student's Name	Day					
		1	2	3	4	5	6
1	Sakshi Santosh Pawar	P	P	P	P	P	P
2	Rutuja Jayant Bariya	P	P	P	P	P	P
3	Aryan Vikas Patil	P	P	P	P	P	P
4	Sanika Ananta Raut	P	P	P	P	P	P
5	Ekta Bajpayee	P	A	P	P	P	P
6	Tanmay Vishram Sawant	P	P	P	P	P	P
7	Mohammed Arsalan Ansari						
8	Rohit Phalke	P	P	P	P	P	A
9	Deepak Baheti	P	P	P	P	P	P
10	Derick Lewis	P	P	P	P	P	P
11	Tanuj Patwardhan						
12	Nadira Khan	P	P	P	P	P	P
13	Sindusagar Kamurthi	P	P	P	P	P	P
14	Sanjana Dhaybar	P	P	P	P	P	P
15	Maithili Gulbule	P	P	P	P	P	P



Dr. Y.D. Venkatesh
Principal,
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Prof. Naveen Kukreja
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