2.3.1 Student Centric Methods

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1) Experiential Learning:

i) Project Based Learning:

Mini Projects

Students design and develop mini projects as a part of laboratory session.

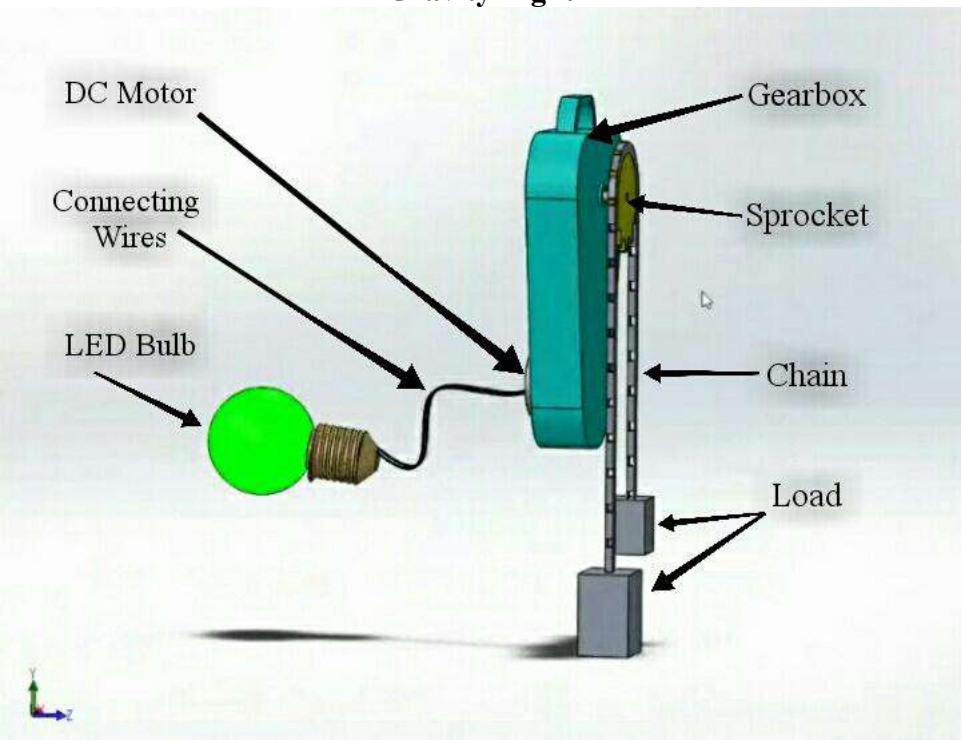
List of Mini Projects

S. E. Mechanical Engineering Mini-Project		
Group No.	**Name of the Student**	**Title of the Mini Project**
Group 1	Bhushan Salunke (9016)	Universal Joints for FSAE Sttering SYstem and Experimental Kit
	Harsh Remje (9014)	
	Varun Sebastian (9031)	
	Vineet Solanki (9025)	
Group 2	Gurliv Singh Sehra (9020)	Design and Development of Automated Hydraulic Jack for Light Motor Vehicles
	Durvankur Naik (9006)	
	Raul Gonsalves (8994)	
	Aditya Sharma (9022)	
Group 3	Aditya Raj (9013)	Product design and Development of Chadder (Chair + Ladder)
	Ddhairya Gandhi (8993)	
	Swarangi Kale (8999)	
	Yashas Joglekar (8998)	
Group 4	Joyace Tuscano(9026)	Wind Pump
	Reagan Tuscano (9027)	
	Rex Lopes(9004)	
	Noela Rodrigues(9015)	
Group 5	Aryan Dali (8988)	Prosthetic Leg
	Mayuresh Vadke (9029)	
	Sharvang Uchgaokar (9028)	
	Vignesh Bhoi (8984)	
Group 6	Nishant Satghare (9018)	Solar Air Conditioner
	Rachael Dhalwani (8990)	

	Melroy Vadlea (9030)	
	Sneddyn Lemos (9002)	
Group 7	Shashank Makasare (9005)	Generation Using Hydraulic Suspension System
	Sahil Vichare (9032)	
	Gavin Pereira (9011)	
	Gautami Silivery (9024)	
Group 8	Prachit Pereira(9012)	Power From Nature
	Nivesh Sharma (9023)	
	Brenda Fernandes(8991)	
	Atharva Belnekar(8983)	
Group 9	Claive Dabre (8987)	Wall Painting Machine
	Nigel Noronha (9007)	
	Shubham Parab (9009)	
	Yash Ingle (8997)	
Group 10	Vedang Chavan (8986)	Automated Metal Detector Vehicle
	Allen Dony (8982)	
	Tanay Kshirsagar (9001)	
	Abel David (9008)	
Group 11	Sadiya Shaikh (9021)	Redesigning of Piston Pump
	Nixon Lobo (9003)	
	Mausam Yadav (9033)	
	Kedar Pawar (9010)	
Group 12	Reuel Gracias (8995)	Gravity Light
	Mayur Gurav (8996)	
	Kaustubh Satam (9017)	
	Charit Save (9019)	
Group 13	Nealon D'cruz (8989)	Biometric Operated Unlocking System
	Brendan Fernandes (8992)	
	Shanon Caldeira (8985)	
	Kevin Mathew (9000)	

Example of Mini Projects

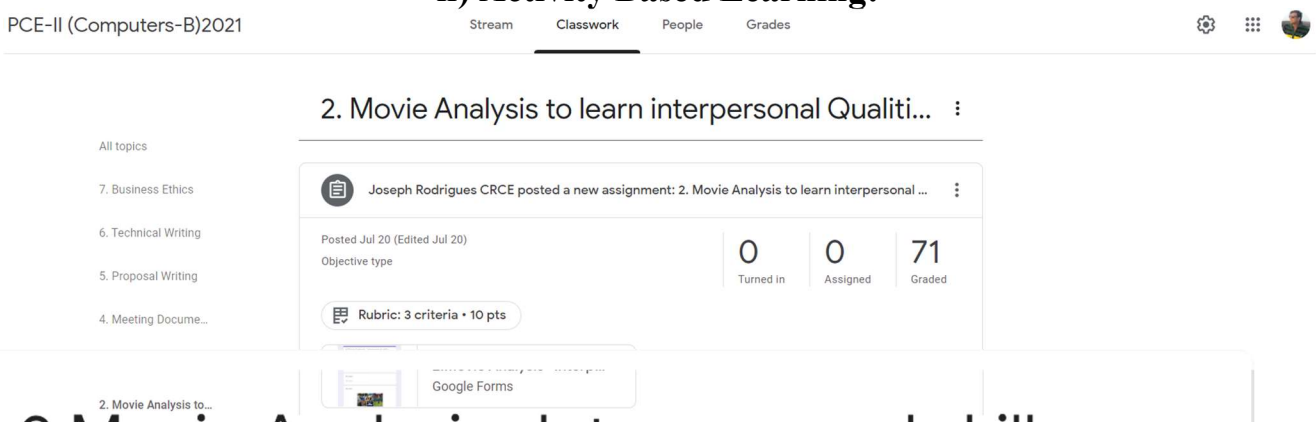
Gravity Light



Results

Observations	Weight (Kg)	Height (Meter)	Lightning Time (Minutes)
1	10	1	6.81
2	10	1.5	10.22
3	10	2	13.62
4	10	2.5	17.03
5	10	3	20.43

ii) Activity Based Learning:



2.Movie Analysis- Interpersonal skills

Tick mark any one of the right option from the multiple choices given

khanore@fragnel.edu.in Switch account

* Required

Email *

Your email

Name

Your answer

Roll number

Your answer

Pele Movie

Pele Movie

Q1. The movie starts with scene of world cup match in..... * 1 point

- 1956
- 1957
- 1958
- 1959

Q2. What country did Pelé play soccer for? * 1 point

- Brazil
- Madrid
- Botswana

Q3. Pele did many jobs because ..... . * 1 point

- His father was a footballer.
- Her mother was an actor.
- He had a poor family and had to work.
- He didn't like school.

Q4. Which is the "primitive" style of football that Pele' was taught to play? * 1 point

- Dondinho
- Jenga
- de Brito
- Ginga

Q5. Where did Pele live in his childhood? * 1 point

- Bauru
- Mexico
- Sao Paulo
- Rio de Janeiro

Q6. What is the name of Pele's mother? * 1 point

- Dondinho
- Dona Celeste
- Zoca
- Zia

Q7. How was Pele called by his family? * 1 point

- Pele
- Bauru
- Dico
- Bile

Q8. Why is Pele important to Brazilians? * 1 point

- He played for the national team.
- He helped Brazil win their first ever World Cup
- He scored a hatrick.

Q9. Why is Pele's team nicknamed as "Barefoot Team"? * 1 point

- They did not have a ball.
- They did not have shoes.
- They did not like to put on shoes.

10. What word best describes Pele's childhood? * 1 point

- Affluent
- Luxurious
- Impoverished
- Rural

11. Pelé made his international debut in 1957 at age of ... * 1 point

- 15
- 17
- 16
- 18

12. In the Street match, Dico throws away his shoes and scores a goal. Watching this, his team members * 1 point

- Continue playing in their shoes
- Throw away their boots and go back to being their authentic self.
- Quit their game because the leader seemed absurd
- Insists Dico wear the shoes

13. The movie: The birth of legend: Pele has background music given by.... * 1 point

- A.R. Rahman
- James Horner
- Will Jennings
- Bob Dylan

14.Who played Pele's role as a young child? * 1 point

- Kevin de Paula
- Leanardo Lima Carvalho
- Vincent
- Rodrigo Santoro

15.How did the opponents initially attack Dico's team * 1 point

- By showing respect to them
- By making fun of them and their identity
- By being friendly with them

16. The movie, "Pele: Birth of a Legends" tells us that * 1 point

- It is important to doubt yourself when others question you
- It is important to get approval from others and maintain your image
- It is important to have courage to embrace who you truly are

17.How did Pele motivate his team player before the final match? * 1 point

- He made them remember who they are by initiating Ginga-street style football in the middle of the hotel lobby
- He kept quite and let his team players be drowned by negative criticism of media
- They decided to play like Sweden

18. Pele had ___ number of his jersey. * 1 point

- 1
- 17
- 10
- 09

19. Which colour Jersey did Brazil wear for the world cup final's in 1958? * 1 point

- ◯ Yellow
- ◯ Green
- ◯ Blue
- ◯ White

20. As a team, what did Brazil lacked? * 1 point

- ◯ Talent
- ◯ Team spirit
- ◯ Discipline

Presentations

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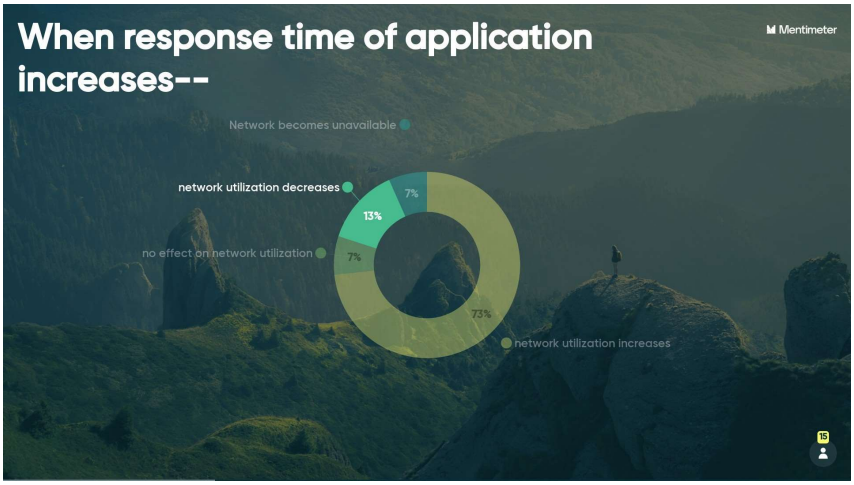
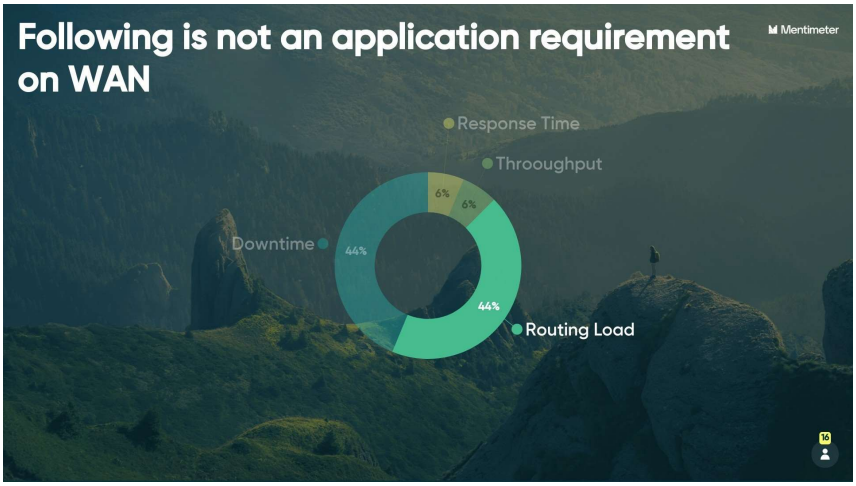
Fr.Agnel Technical Education Complex Bandstand,
Bandra, Mumbai -400 050

Educational games





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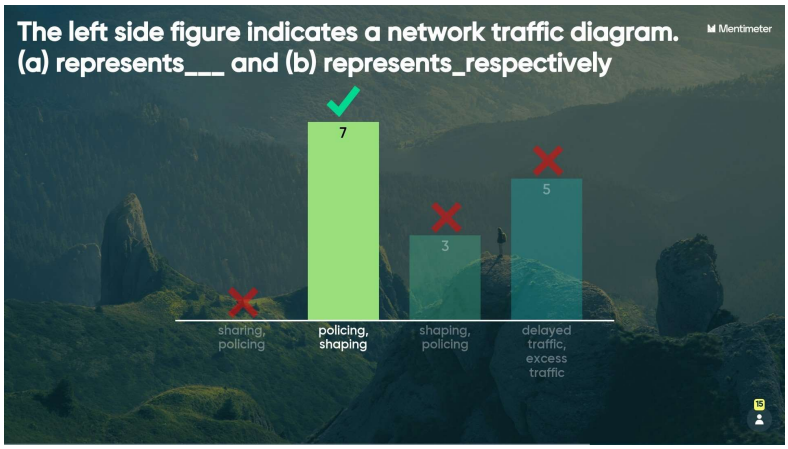
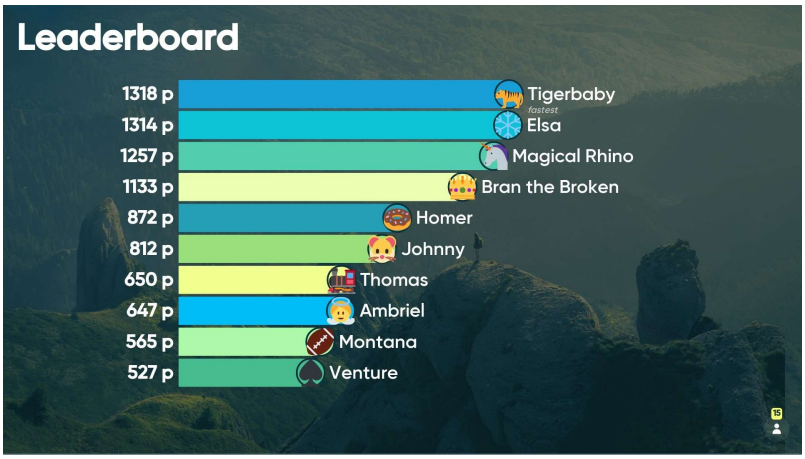
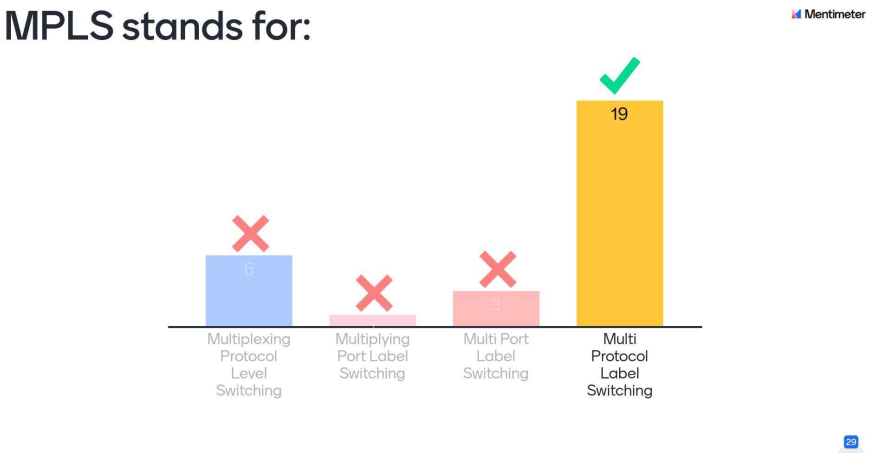
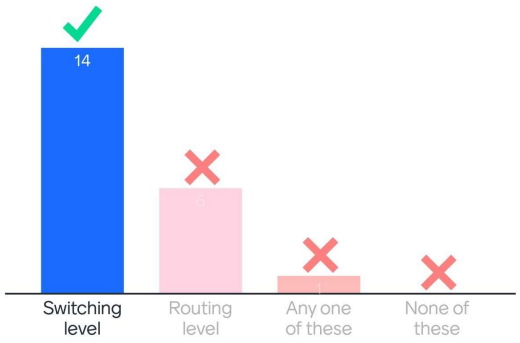

The left side figure indicates a network traffic diagram.
(a) represents___ and (b) represents_respectively
Mentimeter
7
5
3
sharing, policing
policing, shaping
shaping, policing
delayed traffic, excess traffic


Leaderboard
1318 p Tigerbaby fastest
1314 p Elsa
1257 p Magical Rhino
1133 p Bran the Broken
872 p Homer
812 p Johnny
650 p Thomas
647 p Ambriel
565 p Montana
527 p Venture


MPLS stands for:
Mentimeter
6
3
19
Multiplexing Protocol Level Switching
Multiplying Port Label Switching
Multi Port Label Switching
Multi Protocol Label Switching

In MPLS packets are forwarded at:

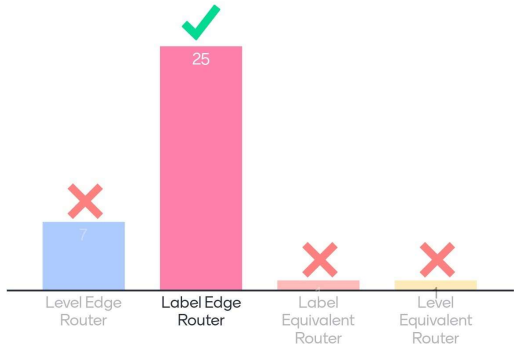
Mentimeter



21

in MPLS: LER stands for:

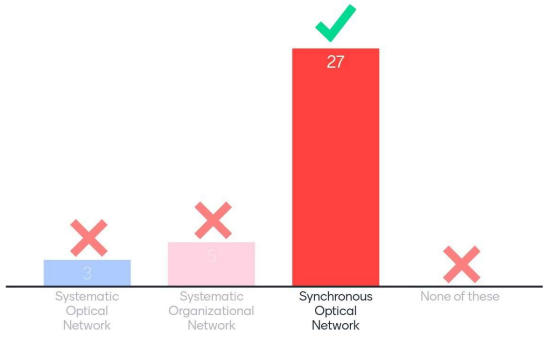
Mentimeter



34

SONET stands for:

Mentimeter



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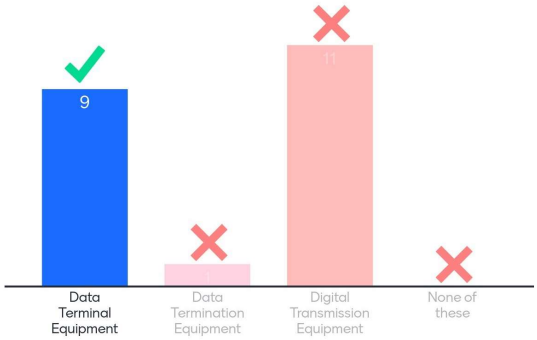
Following is NOT the part of SONET architecture

Mentimeter

DTE stands for

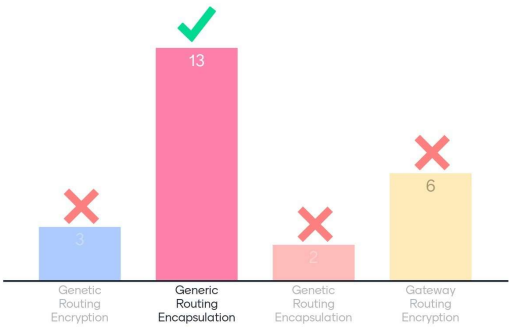
Mentimeter



21

GRE stands for:

Mentimeter



24

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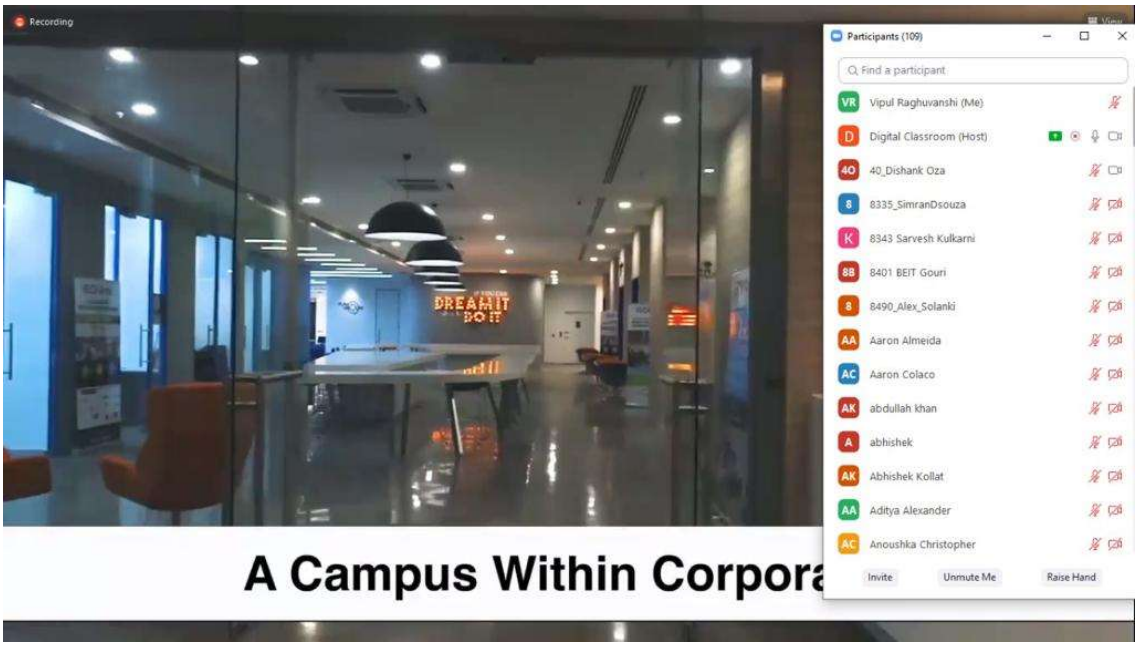
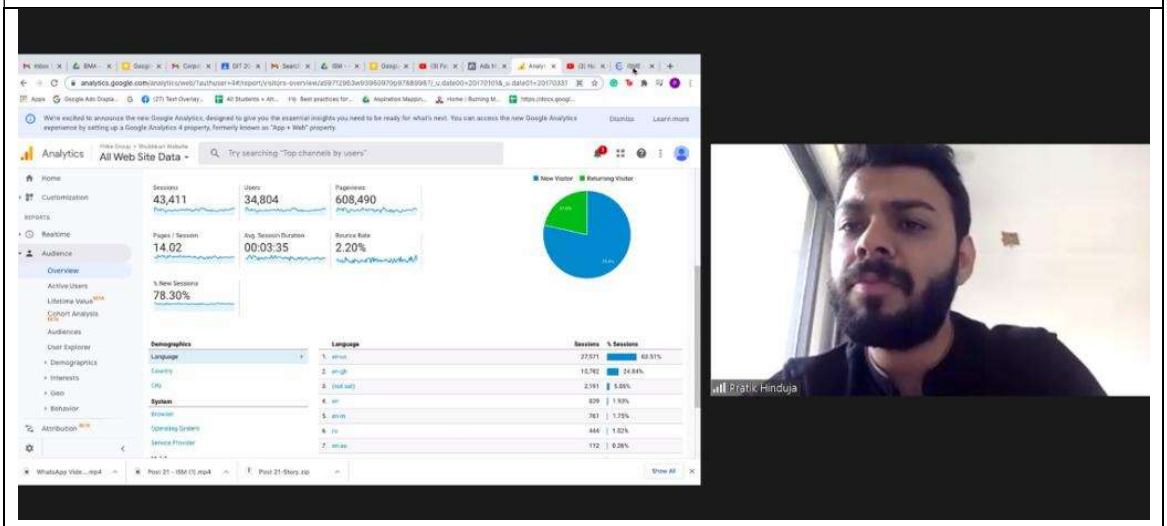
iv) Webinar on Digital marketing





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iii) Field Based Learning:

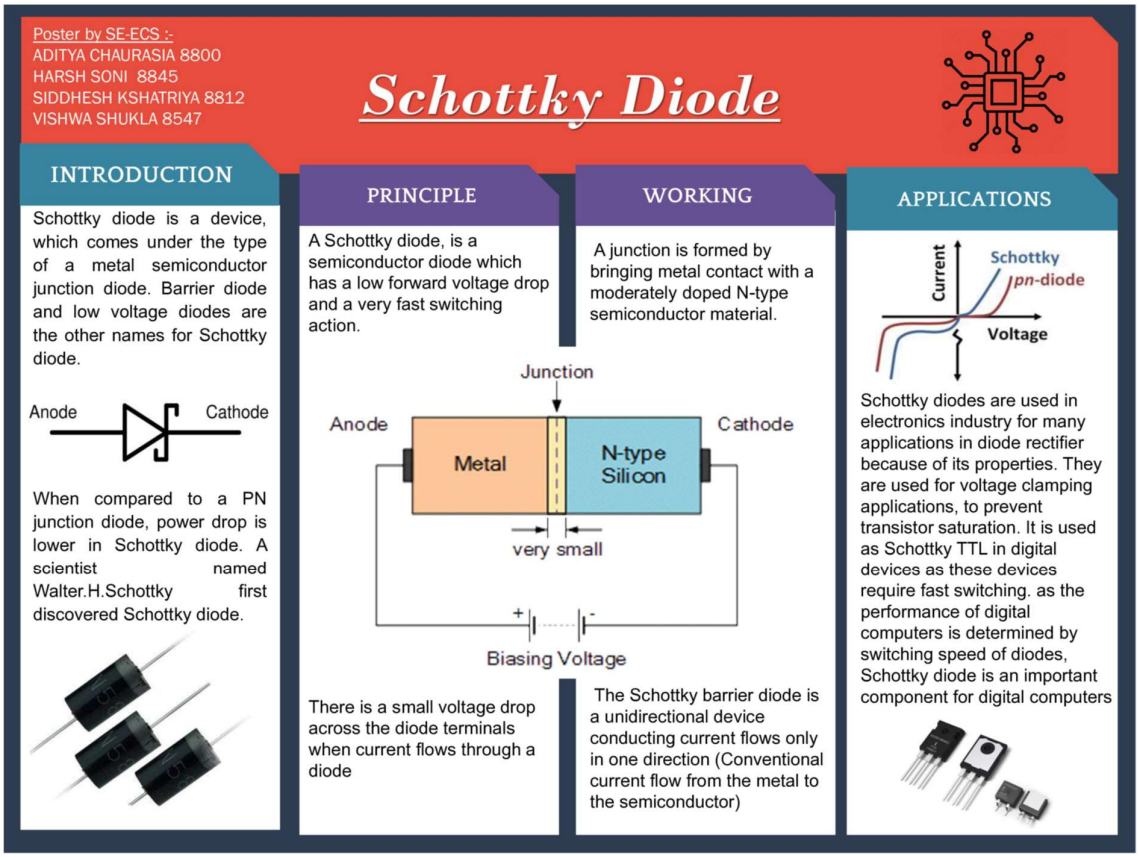
Industrial Internship

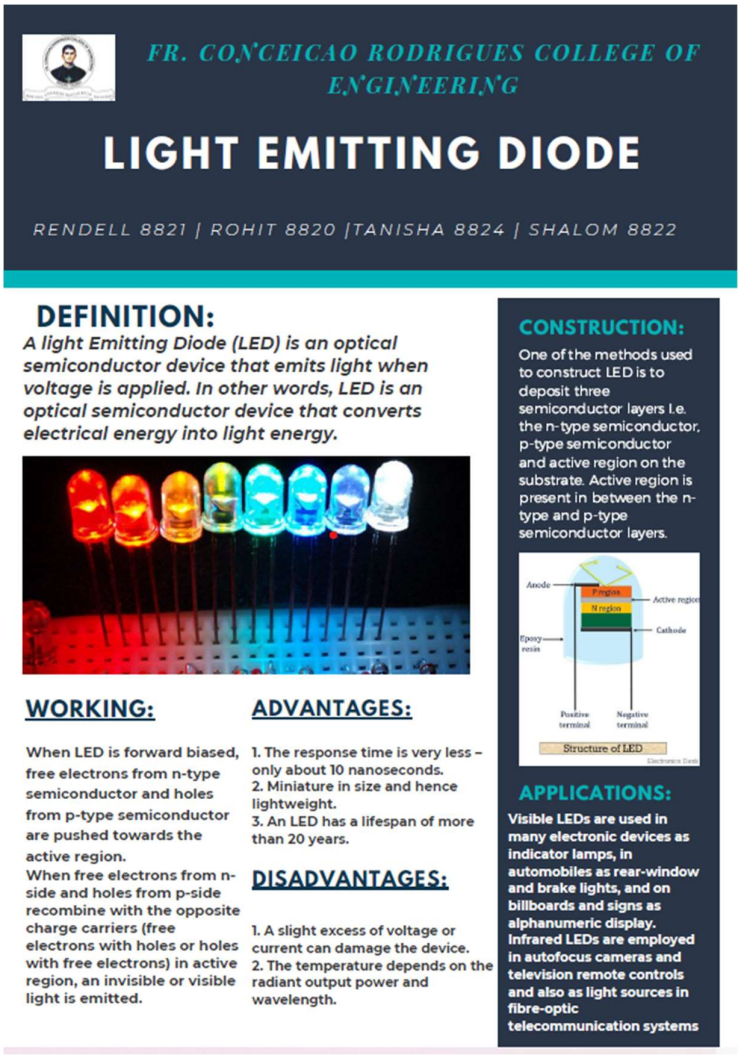
2) Participative Learning:

i) Cooperative Learning:

Poster Presentation

The students prepare A2 size posters on various topics and present them in front of the class. It inculcates the habit of self-study and team work among the students.





Paper Presentation and Publication

Publishing papers helps the students to learn the technique of technical paper writing and presentation skills. Hence, students are encouraged to publish papers in esteemed journals and conferences.

1. Vedant S., Jason D., Mayank S., Mahendra M., Dhananjay K. (2021) Leveraging Deep Learning and IoT for Monitoring COVID19 Safety Guidelines Within College Campus. In: Garg D., Wong K., Sarangapani J.Gupta S.K. (eds) Advanced Computing. IACC 2020. Communications in Computer and Information Science,vol 1367. Springer, Singapore. https://doi.org/10.1007/978-981-16-0401-0_3.

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2. Samarjeet Kaur, Vedant Sahai, Aditi Jaiswal , Sayonsom Chanda," Knowledge Mining for Defining Systemic Engineering Practices, 4th International Conference on Electronics, Communication and Aerospace Technology (ICECA 2020), pp. 1346-1352, doi: 10.1109/ICECA49313.2020.9297380.
3. Benita Rego, Nolita Rego, Mohit Kunder, "Social Media Analysis for Mental Health Evaluation" International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, pp. 1453-1460, Volume 9 Issue IV Apr 2021.
DOI: https://www.doi.org/10.22214/ijraset.2021.33962
4. S. Kaur, V. Sahai, A. Jaiswal and S. Chanda, "Knowledge Mining for Defining Systemic Engineering Practices," 2020 4th International Conference on Electronics, Communication and Aerospace Technology (ICECA), 2020, pp. 1346-1352, doi: 10.1109/ICECA49313.2020.9297380.
5. Dipali Koshti,, Kevin Cheruthuruthy, Surya Pratap Shahi, Mayank Mishra," A Detection, Tracking and Alerting System for Covid-19 using Geo-Fencing and Machine Learning', IEE Soponsored 5th International Conference on Intelligent Computiung and Control Systems (ICICCS-21), May 6-8- 2021, organized by Vaigai College of engineering, Madurai, India.
6. Swati Ringe ,Sharwari Marathe, Rajesh Manjrekar, Raksha Shetty,"Teaching pre-schoolers using VQA : A Web app that answers natural language questions.", Zeichen Journal September 2020, Vol 6, Issue 9.
7. Swati Ringe ,Vedant Sakhardande, Cajetan Rodrigues, Atharva Atre, "Drone Delivery-Application and Path Optimization", Alochana Chakra Journal , September 2020, Vol 9, Issue 9
8. Ashwini Pansare, Simran Gadkari, Jnnell Mathians , Merlin P, " categorization of diabetic retinopathy and identification of characteristics to assist effective diagnosis" in 3 rd IEEE international conference on " Emerging smart computing nad informatics" on 5th-7 th March 2021
9. Mahendra Mehra,Steve D'Costa, Ryan D'Mello, Joseph George and Dr. D.R. Kalbande , "Leveraging Deep Learning for Nail Disease Diagnostic", 4th Biennial International Conference on Nascent Technologies in Engineering, IEEE Conference(Scopus indexed) , Jan 2021
10. Mehra Mahendra, Ajani Yameen, Mangalorkar Krish, Nadar Yohann and Kalbande Dhananjay, "College Project Preservation and Emulation using Containerization over Private Cloud", in Fifth International Conference on Information and Communication Technology for Competitive Strategies(ICTCS DEC 2020) Springer LNNS. ISBN Number - 2367-3370 Series
11. Monali Shetty, Sankalp Rane, "Selection of optimal cricket team based on the players performance", IEEE XPLORE ISBN:978-1-7281-5371-1, International Conference on Communication and Electronics Systems 2020 -July 2020
12. Supriya Kamoji , Dipali Koshti , Joshua Noronha, Smart Street lamps A solution to Urban Pollution 2nd International Conference on Inventive Research in Computing Applications (ICIRCA) 2020 organized by RVS college of Engineering and Technology , Coimbatore, India, on 15-17 , July 2020
13. Carol Sebastian, Princeton Baretto,Sherwin Pillai,Supriya Kamoji ,"Virtual assistance using question generation/ Answering ", IEEE Sponsored International Conference on Communication, Information and Computing Technology (ICCICT 2021), June 25-27-2021, Organised by SPIT Mumbai, India
14. Yameen Ajani, Krish Mangalorkar and Yohann Nadar "Homomorphic Encryption for Secure Conversations with AI Bots over Cloud to Prevent Social Engineering Attacks" , accepted in ICAITR 2021 by VIT Mumbai.
15. Bilonikar Shreya, Mendonca Carol, Phadakale Divita, " Blockchain based model of royalty payments of artists and remix-makers" in International Conference on Smart Data Intelligence (ICSMDI 2021), 29th April 2021, Organized by Kongunadu College of Engineering and Technology, Trichy, Tamil
16. Nilesh M. Patil, Tanmay P. Rane, Anmol A. Panjwani, "ML Suite: An auto machine learning tool", 4th International Conference on ICT for Intelligent Systems (ICTIS -2020), 2020, May 15 and 16, 2020, Machine Learning for Predictive Analysis. Lecture Notes in Networks and Systems, vol 141

17. Nilesh M. Patil, Bevan H. Sequeira, Neil N. Gonsalves, Abhishek A. Singh, "Cricket Team Prediction Using Machine Learning Techniques", International Journal of Advanced Science and Technology, 2020, May 2020, Elsevier, Vol. 29, No.8s, pp. 419 - 428
18. Nilesh M. Patil, Sanil Rodrigues, "Heat Stroke Alert Device", International Journal of Advanced Science and Technology, 2020, April 2020, Elsevier, Vol. 29, No. 6s, pp. 2492-2497
19. Nilesh M. Patil, Sunny P. Dias, Ashley A. Dcunha, Rohit J. Dodti, "Hybrid Phishing Site Detection", International Journal of Advanced Science and Technology, 2020, April 2020, Elsevier, Vol. 29, No. 6s, pp. 2452-2459
20. Anish Dias, Chinmay Khanolkar, Saurabh Sharma, Nilesh Patil, "IoT Based Smart Greenhouse Monitoring System", Purakala Journal, 2020, May 2020, Vol. 31, Issue 16, pp. 48 -53
21. Kranti Wagle, Seadon Rodrigues, Arnav Deep Singh, "Emotion Recognition through Mobile Application", Purakala Journal, 2020, May 2020, ISSN:0971-2143 Vol-31-Issue-40
22. Amandeep Singh Saini, Anuj Singh, Prajakta Dhamanskar, Sunny Patel, "American Sign Language Translator using Convolutional Neural Networks", International Journal of Advanced Science and Technology, 2020, ISSN: 2005-4238
23. Prajakta Dhamanskar; Aniket C Poojari; Harshita S Sarwade; Renita R D'silva, Human Computer Interaction using Hand Gestures and Voice, IEEE 2019 International Conference on Advances in Computing, Communication and Control (ICAC3), 2019, ISBN:978-1-7281-2387-5
24. Ryan D'silva, Anushka Paradkar, "Automatic Text Summarization and Entity Extraction from Meeting Minutes", International Journal of Advanced Science and Technology Current Issue May 2020, May 2020
25. Steffi F. Andrade, Nishita M. Bhatankar, Nadia M. Dsilva, Prof. Prachi Patil, "Expert System for Career Assessment using SVM and 8-Puzzle Game", International Journal of Advanced Science and Technology, Issue May 2020, May 2020
26. Akanksha Patro, Mahima Patel, Richa Shukla, Dr. Jagruti Save, "Real time news classification using machine learning", International Journal of Advanced Science and Technology, 03/05/2020, Vol 29, no. 9s, special issue, 03/05/2020, pg. no. 620-630, Indexed by Scopus
27. Dolly Gogri, Jenny Anthony, Vidisha Shetty, Sarika Davare, "Diabetic Risk Prediction Using Machine Learning", Purakala Journal, 22-04-2020, Vol. 31, Issue 5, pp. 229 -233
28. V. Godbole, A. Dbritto, C. Crasto, and R. Lopesand, "Home automation system using iot and wi-fi Technology", Mukt Shabd Journal, June, 2020, Vol. 9, No. 6
29. Nathan Fernandes, Bevan Jacinto, Joshua Fernandes, Vaibhav Godbole, "Stock Market Prediction, International Journal of Creative research thoughts", June 2020, Vol. 8 Issue 6

30. Unik Lokhande, Sumit Gupta, Vishal Mane and Suhail Khan, "Object detection in traffic scene for self driving cars", Alochana Chakra Journal, May 2020, , VolumeIX, IssueV, May 2020
31. Riya Francis, Unik Lokhande, Prabhjyot Kaur Bamrah, Arlene D'costa, "Alzheimer's Disease Prediction Using Fastai Chiramel", 4th International Conference on Information and Communication Technology for Intelligent Systems ICTIS 2020, May 2020, , ICTIS 2020. Smart Innovation, Systems and Technologies, vol 195. Springer, Singapore. https://doi.org/10.1007/978-981-15-7078-0_76
32. Puja Sharma, Megha More, Aishwarya Wadhe, Garima Tripathi, "Aadhar voting System", Alochana Chakra Journal April 2020, April 2020, ISSN: 2231-3990
33. Lerisha Dsouza, Nikita Jadhav, Ritika Dhawan, Garima Tripathi, "Calorie Tracker using CNN", Purakala May 2020, May 2020, ISSN: 0971-2143, vol 31, Issue 8
34. Kinjal Mhatre, Viraj, Garima Tripathi, "Music Genre classification using Neural networks", MuktShabd Journal April 2020, April 2020, ISSN: 2347-3150
35. Garima Tripathi, Delzad Bamji, Shweta Wahane, Crastilono, "Development of an AI powered Digital Platform for Investment Management", IJRSAT March 2020, March 2020,
36. Sanil Rodrigues, Lester Lopes,Garima Tripathi, "IOT based Smart Irrigation System", IJREAM December 2019, Dec 2019,
37. Prajakta Bhangale, Niharika gogate, Katushka, "Detection and Prediction of Osteoporosis using ANN", Purakala Journal, 2020, May2020, ISSN 0971-2143
38. Prajakta B, Mery Elizabeth, Jasmin angel, "Random Graphic User Password in Mobile Devices", Purakala Journal, 2020, April2020, ISSN 0971-2143

3) Problem Solving Methodology:

Students are encouraged to participate in various activities like project competitions, exhibitions, in which they learn to find solutions for complex and challenging problems. They are also motivated to take part in inter-disciplinary project development like Robocon (Team Robocon), Baja (Team Abadha), SAE Aero Modelling (Team Vayushastra), Formula Racing (Team CFR), Go-Karting (Team Avisrota), building Drones (Mavericks), Smart India Hackathon and other coding competitions etc.

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Fr.Agnel Technical Education Complex Bandstand,

Bandra, Mumbai -400 050

Students' Participation in SAE Aero Design EAST, Lakeland, FL, USA

(Team Vayushastra)

5/6/2021 SAE-STAR Admin

Design Standings

Advanced Class

Order	School	Country	Late Penalty	Score
1	223 - Vellore Institute of Technology (*Team Assailing Falcons*)	India	-	43.2042
2	224 - Wroclaw University of Technology (*JetStream Advanced*)	Poland	-	41.6540
3	217 - Concordia University (*Stingers*)	Canada	-	41.2706
4	247 - Beijing Univ of Aeronautics & Astro (*Beihang Aeromodelling Team Advanced 1*)	China	-	41.2548
5	233 - Ryerson Univ (*Ryerson Aero Design*)	Canada	-	40.5724
6	213 - Univ of Michigan - Ann Arbor (*M-Fly Advanced Class*)	United States	-	40.3901
7	230 - Warsaw University of Technology (*WUT Advanced*)	Poland	-	39.1668
8	222 - National Institute of Tech Jamshedpur (*Team Phoenix*)	India	-	38.5722
9	211 - Univ of British Columbia (*UBC AeroDesign Advanced*)	Canada	-5.0	35.6803
10	250 - Univ of Alberta (*Aero Heavy Lift Group*)	Canada	-5.0	34.7118
11	228 - California State Univ - Northridge (*El Toro Rojo*)	United States	-	33.7822
12	227 - Univ of Calgary (*Schulich UAV*)	Canada	-	32.9688
13	220 - Université Laval (*Avion Cargo Laval - Advanced*)	Canada	-	32.9180
14	232 - Fr Conceicao Rodrigues College of Engrg (*Team vaayushastra*)	India	-	32.1883
15	251 - Univ of Tennessee - Martin (*Hawkworks*)	United States	-	29.4691
16	235 - Univ of Delaware (*Flyin Hens*)	United States	-	25.9613

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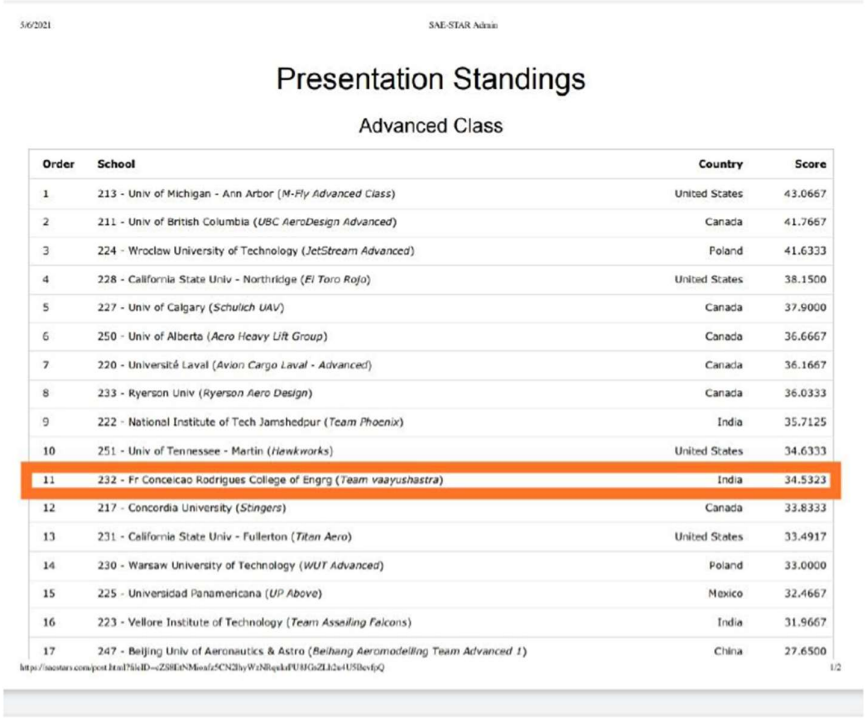
5/6/2021 SAE-STAR Admin

17	225 - Universidad Panamericana (*UP Above*)	Mexico	-	25.0251

- 14th Rank in Technical Design Report

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING FR. AGNEL ASHRAM, BANDRA MUMBAI- 50



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Presentation Standings

Advanced Class

Order	School	Country	Score
1	213 - Univ of Michigan - Ann Arbor (*M-Fly Advanced Class*)	United States	43.0667
2	211 - Univ of British Columbia (*UBC AeroDesign Advanced*)	Canada	41.7667
3	224 - Wroclaw University of Technology (*JetStream Advanced*)	Poland	41.6333
4	228 - California State Univ - Northridge (*El Toro Rojo*)	United States	38.1500
5	227 - Univ of Calgary (*Schulich UAV*)	Canada	37.9000
6	250 - Univ of Alberta (*Aero Heavy Lift Group*)	Canada	36.6667
7	220 - Université Laval (*Avion Cargo Laval - Advanced*)	Canada	36.1667
8	233 - Ryerson Univ (*Ryerson Aero Design*)	Canada	36.0333
9	222 - National Institute of Tech Jamshedpur (*Team Phoenix*)	India	35.7125
10	251 - Univ of Tennessee - Martin (*Hewkworks*)	United States	34.6333
11	232 - Fr Conceicao Rodrigues College of Engrg (*Team vaayushastra*)	India	34.5323
12	217 - Concordia University (*Stingers*)	Canada	33.8333
13	231 - California State Univ - Fullerton (*Titan Aero*)	United States	33.4917
14	230 - Warsaw University of Technology (*WUT Advanced*)	Poland	33.0000
15	225 - Universidad Panamericana (*UP Above*)	Mexico	32.4667
16	223 - Vellore Institute of Technology (*Team Asseiling Falcons*)	India	31.9667
17	247 - Beijing Univ of Aeronautics & Astro (*Beihang Aeromodelling Team Advanced 1*)	China	27.6500

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- 11th Rank in Technical Presentation
- Overall Rank: 14th

Fr.Conceicao Rodrigues College of Engineering

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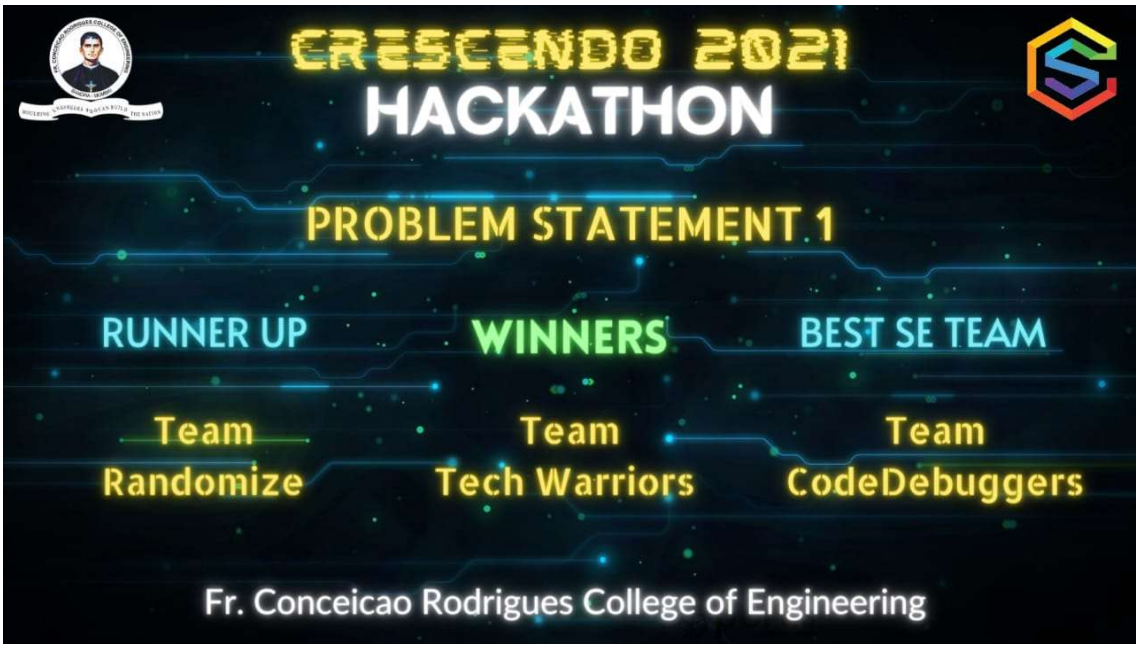
Bandra, Mumbai -400 050

Participation in BAJA SAEINDIA

Participation in Formula Bharat 2021

- Rulebook Test Rank – 16th
- Overall Rank – 19th
- Business Plan Rank – 9th
- Engineering Design Rank – 24th

Participation in Singapore India HACKATHON



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Bandra, Mumbai -400 050

Participation in Smart India Hachathon

Firefox https://micds.aicte-india.org/cert-module/templates/mentors/mentor_certificate_generator.php?...

Organisers MHRD MIC Platinum Partner aws

SIH

SMART INDIA HACKATHON 2020

SOFTWARE EDITION

Grand Finale
1st , 2nd & 3rd Aug. 2020

Certificate For

MENTOR

This Certificate is awarded to

Unik Lokhande

of team SURGE1

For Participating as Mentor in

"Smart India Hackathon 2020"

Certificate Uniqid: 368460

Dr. Anil D. Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee,
Smart India Hackathon 2020

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Partners DEVNET intel KPIT Communication Partner Media Partner

1 of 2 21-Sep-20, 10:56 AM

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Participation in Robocon

Participation in External competitions

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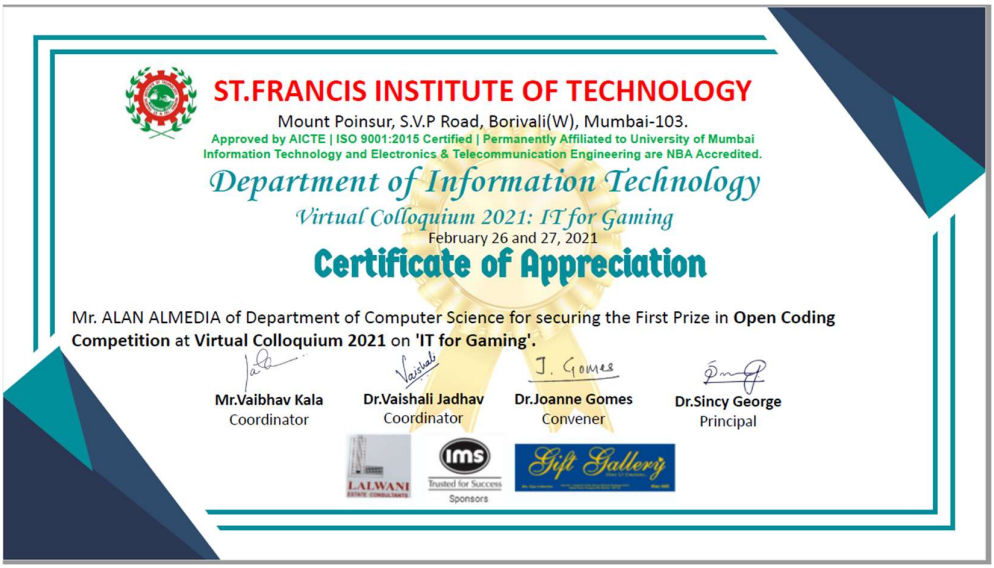

ST.FRANCIS INSTITUTE OF TECHNOLOGY

Mount Poinsur, S.V.P Road, Borivali(W), Mumbai-103.

Approved by AICTE | ISO 9001:2015 Certified | Permanently Affiliated to University of Mumbai
Information Technology and Electronics & Telecommunication Engineering are NBA Accredited.

Department of Information Technology

Virtual Colloquium 2021: IT for Gaming

February 26 and 27, 2021

Certificate of Appreciation

Mr. ALAN ALMEDIA of Department of Computer Science for securing the First Prize in **Open Coding Competition** at **Virtual Colloquium 2021** on **'IT for Gaming'.**

Mr.Vaibhav Kala	Dr.Vaishali Jadhav	Dr.Joanne Gomes	Dr.Sincy George
Coordinator	Coordinator	Convener	Principal

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Sponsors

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Participation in e-Yantra competition organized by IITB

ERTS Lab
Department of Computer Science and Engineering
Indian Institute of Technology Bombay,
Powai, Mumbai-400 076.

Certificate of Appreciation

This is to certify that *Prof. Vaibhav Godbole* of *Fr. Conceicao Rodrigues College of Engineering, Bandra* has mentored the project titled *Flood Monitoring , Alerting and Prevention system.* and participated in the e-Yantra Innovation Challenge (eYIC 2020-21).

He/She is a mentor of the team having the following team members,

1. *Ronak Upasham*
2. *heron anson herald vas*
3. *Ganeshprasad Subramanya Keni*
4. *Shree Lole*

This team demonstrated their project at the Prefinals held on April 9th - 10th, 2021.

Prof. Kavi Arya
Principal Investigator, e-Yantra
Professor
Department of Computer Science and Engineering
Indian Institute of Technology Bombay

e-Yantra is a project sponsored by MHRD, Government of India, under the National Mission on Education through ICT (NMEICT).

e yantra Engineering a better tomorrow

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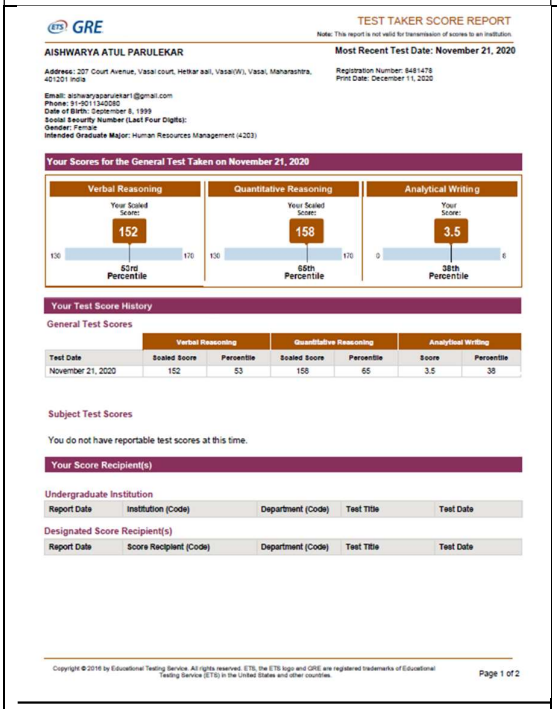
Students' Score Cards

GRE



GRE

TEST TAKER SCORE REPORT

Note: This report is not valid for transmission of scores to an institution.

AISHWARYA ATUL PARULEKAR

Most Recent Test Date: November 21, 2020

Address: 207 Court Avenue, Vasai court, Hetkar aali, Vasai(W), Vasai, Maharashtra, 401201 India

Registration Number: 8481478
Print Date: December 11, 2020

Email: aishwaryaparulekar1@gmail.com
Phone: 91-9011340080
Date of Birth: September 8, 1999
Social Security Number (Last Four Digits):
Gender: Female
Intended Graduate Major: Human Resources Management (4203)

Your Scores for the General Test Taken on November 21, 2020

Verbal Reasoning	Quantitative Reasoning	Analytical Writing
Your Scaled Score: 152	Your Scaled Score: 158	Your Score: 3.5
130 – 170	130 – 170	0 – 6
53rd Percentile	66th Percentile	38th Percentile

Your Test Score History

General Test Scores

	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
Test Date	Scaled Score	Percentile	Scaled Score	Percentile	Score	Percentile
November 21, 2020	152	53	158	66	3.5	38

Subject Test Scores

You do not have reportable test scores at this time.

Your Score Recipient(s)

Undergraduate Institution

Report Date	Institution (Code)	Department (Code)	Test Title	Test Date

Designated Score Recipient(s)

Report Date	Score Recipient (Code)	Department (Code)	Test Title	Test Date

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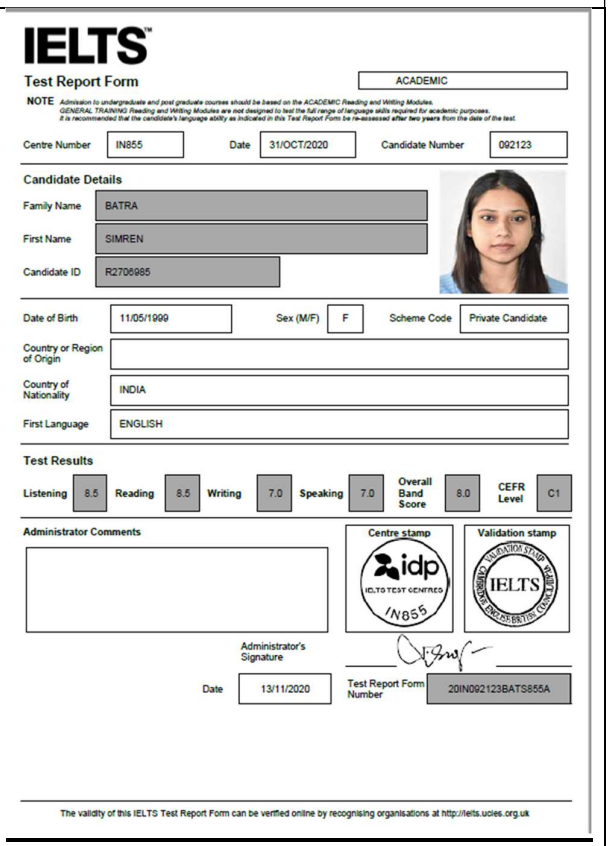
IELTS



IELTS

Test Report Form

ACADEMIC

NOTE *Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules. GENERAL TRAINING Reading and Writing Modules are not designed to test the full range of language skills required for academic purposes. It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed after two years from the date of the test.*

Centre Number: IN855 | Date: 31/OCT/2020 | Candidate Number: 092123

Candidate Details

Family Name: BATRA
First Name: SIMREN
Candidate ID: R2706985

Date of Birth: 11/05/1999 | Sex (M/F): F | Scheme Code: Private Candidate
Country or Region of Origin:
Country of Nationality: INDIA
First Language: ENGLISH

Test Results

Listening	Reading	Writing	Speaking	Overall Band Score	CEFR Level
8.5	8.5	7.0	7.0	8.0	C1

Administrator Comments

Centre stamp: idp IELTS TEST CENTRES IN855

Validation stamp: IELTS

Administrator's Signature

Date: 13/11/2020

Test Report Form Number: 20IN092123BATS855A

The validity of this IELTS Test Report Form can be verified online by recognising organisations at http://ielts.ucles.org.uk

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Bandra, Mumbai -400 050

Admission for Higher Studies

Northeastern
College of Professional Studies

June 21, 2021

NUID: 002987231
Campus: Boston

Dear Smith Elias:

It is my pleasure to inform you that you have been accepted into Northeastern University's College of Professional Studies Master of Professional Studies in Analytics program for the Winter 2022 term at the Boston campus with a January start date.

Our regionally accredited programs provide an educational experience that is founded on proven scholarship strengthened through practical application and sustained by academic excellence. Here at the College of Professional Studies, we are committed to providing you with a high level of academic excellence and superior service.

Your acceptance to the College of Professional Studies is granted under the following condition(s):
You must submit final official transcripts showing degree conferral and date.
Additionally, your offer of admission is contingent upon your satisfaction of all local, state, and federal laws.

Upon successfully meeting the condition of your acceptance, you will be formally accepted into the program and admitted to the University. If the condition is not met, your conditional admittance will be rescinded and you will not be able to continue to register for classes. Should any changes to your condition of acceptance and/or program requirements occur, you will be notified of the changes and be held to any new standards put in place.

Now that you have been accepted, please confirm that you plan to attend by completing the enrollment confirmation form. This is also a great time to visit our website for accepted students which will help guide you through the enrollment confirmation process and important next steps such as activating your myNortheastern account, submitting official transcripts, and exploring program curriculum.

In addition, you can view our current course offerings online at https://registrar.northeastern.edu/group/catalog/. It is important to note that you are required to follow the program curriculum that is in effect during the Winter 2022 term. Please review the curricula at the beginning of your start term to be sure you have the most up to date information.

Registration will open six weeks prior to the start term. Once registration is open for the Winter 2022 term, you should create your myNortheastern account. myNortheastern is a portal where you will receive critical information from the University and College, access billing and course information, and several other student related items. Once you have created your account you can proceed to register for classes via the student portal.

All admitted students who will be studying with an F-1 visa would need a Form I-20. Please contact the office of Global Services to begin your I-20 process at https://international.northeastern.edu/ogs/getting-started/

On behalf of the faculty and administration at Northeastern University, I would like to congratulate you on your admission. I am sure you will find the College of Professional Studies an exciting and intellectually challenging place to further your education.

Sincerely,

David Fields, Ph.D.
Senior Associate Dean
Academic and Faculty Affairs
Professional Programs
College of Professional Studies
Northeastern University

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM, BANDRA
MUMBAI 50

GATE 2021 Scorecard

Graduate Aptitude Test in Engineering (GATE)

GATE 2021

Organising Institute
Indian Institute of Technology Bombay

Candidate's Details

Name

KAR SUMANTO ASHIM

Parent's / Guardian's Name

ASHIM KUMAR KAR

Registration Number	Date of Birth
IN21S12051169	**15-May-2000**

Examination Paper

Instrumentation Engineering (IN)

(Candidate's Signature)

Performance

GATE Score	**373**			
Marks out of 100*	**37.67**			
Qualifying Marks**	**36.0**	**32.4**	**24.0**	
	General	EWS/OBC (NCL)	SC/ST/PwD	

Number of Candidates Appeared in this paper	**16770**
All India Rank in this paper	**2499**

Valid up to 31st March 2024

19th March 2021

Prof. Deepankar Choudhury
Organising Chairperson, GATE 2021
(on behalf of NCB - GATE, for MoE)

a28ac94d29c600f5f257fc0446cd1b30

* Normalized marks for Civil Engineering (CE), Computer Science and Information Technology (CS) and Mechanical Engineering (ME) Papers.

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard.

The GATE 2021 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q)\frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,
M is the marks obtained by the candidate in the paper, mentioned on this GATE 2021 scorecard
M_q is the qualifying marks for general category candidate in the paper
$\bar{M}_t$ is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
S_q = 350, is the score assigned to M_q
S_t = 900, is the score assigned to $\bar{M}_t$

In the GATE 2021 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2021 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Codes for XE and XL Paper Sections (compulsory section and any other two sections)

XE: Engineering Sciences
A – Engineering Mathematics (compulsory)
B – Fluid Mechanics
C – Materials Science
D – Solid Mechanics
E – Thermodynamics
F – Polymer Science and Engineering
G – Food Technology
H – Atmospheric and Oceanic Sciences

XL: Life Sciences
P – Chemistry (compulsory)
Q – Biochemistry
R – Botany
S – Microbiology
T – Zoology
U – Food Technology

Graduate Aptitude Test in Engineering (GATE) 2021 was organized by Indian Institute of Technology Bombay on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.

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Bandra, Mumbai -400 050

Courses done

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

08/17/2020

SIDDHANT VITHAL JATALE

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Charles Severance
Clinical Professor, School of Information
University of Michigan

Verify at coursera.org/verify/VRG6FZJVZLBR
Coursera has confirmed the identity of this individual and their participation in the course.

Internet/Computing Facility for the students

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