



R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY
R S M Nagar, Pudukkottai – 601 206



Department of Computer Science and Engineering

JANUARY 2021 – OCTOBER 2021

1. DEPARTMENT ACTIVITIES

1. A Virtual Session on “How to plan for Start-up and legal & Ethical Steps. is organised on March 11th 2021, delivered by Ms.Poorani R CTO Co-Founder Aeka Herbal Cosmetics PVT Ltd,Chennai
2. A Webinar Self employment –A confident step towards self empowerment is organised on March 17th 2021, speaker: Ms.Ranjitha R An UPSC Aspirant and a PG student, Public Administration
3. A Webinar on “Turn passion into profession - Be an Innovative Entrepreneur” is organised on 24 April, 2021 speaker:Ms.Pavithra P Freelancer & Member Technical Staff in Zoho
4. A Special session - Opportunities and Challenges For Startups, is organised on 22 May 2021 speakers : Mr.Adithya Balaji Mr.Aswin Yadhav Co-Founder of Code Flakes Studio ,Chennai
5. A Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs, is organised on 31 May 2021 speaker:Ms.Niha Farheen Aspiring Entrepreneur
6. A Virtual workshop - Creativity and innovation in project management is organised on June 7th 2021 speaker:Ms.Ranjitha R Founder- Trouvaille Eunoia
7. A 3day FDP on women empowering women is organised on June 24-26 June 2021
8. N.R.RejinPaul,.P.N.SenthilPrakash,Mr.M.Arun Manicka Raja organised webinar on Webinar Learning path to become Data Engineer by Shyam Sundar - Business Analyst CTSI Global, for II, III year Students on 22.06.2021.
9. N.R.RejinPaul,P.N.SenthilPrakash,M.Arun Manicka Raja organised a Workshop on Deep Learning for Data Analytics on 29.06.2021.
10. N.R.RejinPaul,P.N.SenthilPrakash, Mr.M.Arun Manicka Raja organised a Webinar on Opportunities in Cloud Platform Services delivered by Mr.Vasanth Sundaravelu, System Reliability Engineer, ThoughtSpot for II, III year Students on 15.07.2021.

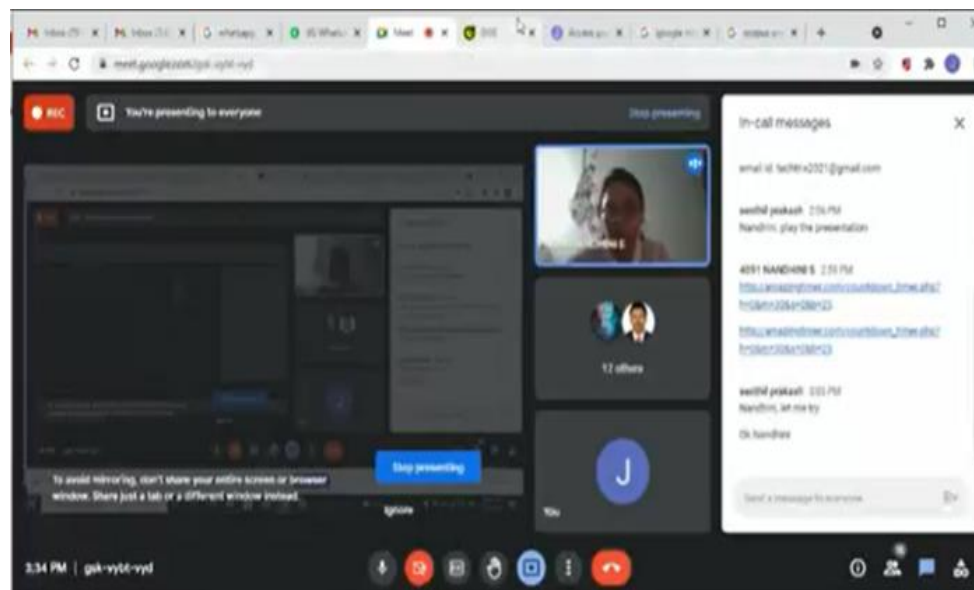
11. Dr Akila K, Indra Priyadharshi S, Prem Priya P, Pradheeba U organised, "Handson Workshop Data Analytics" from 26-31 July 2021.

1.1 DEPARTMENT ASSOCIATION ACTIVITY

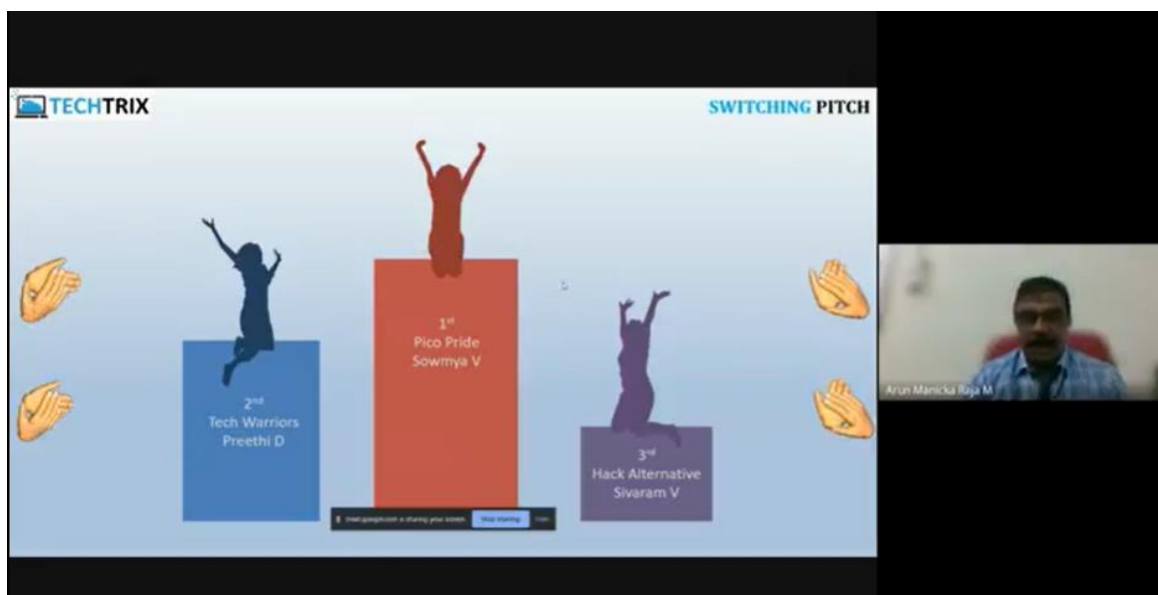
1. Dr.D.Paulraj, Dr.M.Vigilson Prem, R.R.Prianka, G.Indra, Department of Computer Science and Engineering and in association with CSI Students Chapter conducted a Webinar on "Strategies and Guidelines to Crack Civil Services & Competitive Exams" delivered by Mr. Sriram Desikan V R
2. Chief Coordinator - Chinmaya Academy for Civil Services, and Mr.Rajasekar, Competitive exam trainer, Author of Civil service books for II, III and IV Year on 16.07.2021.
3. Dr.Paulraj D, Dr.M.Vigilson Prem M, Madhu A, Indra G, Department of Computer Science and Engineering and in association with CSI Students Chapter conducted a placement orientation by Mr.Nandha Kumar.C Software Engineer, @ Hubstream for IV year on 10.07.2021.
4. The Department of Computer Science and Engineering organizes the second edition of TECHTRIX in September 2021 – October 2021. Totally six events were planned to be conducted in virtual mode which includes three technical events and three non-technical events. In this TECHTRIX'21 event totally 54 students have registered and with the registered students nine teams have been formed. The events were scheduled in such a way that technical and non-technical events will be conducted in alternate weeks.



- Senthil Prakash P N , Department of Computer Science and Engineering organizes an event under techtrix -SWITCHING PITCH is a poster design event where the students have to design a poster based on the theme given in the event. The preliminary level of the first event SWITCHING PITCH was conducted on 17-09-2021 in which nine teams participated. Among the nine teams, five teams were shortlisted for the final which was organized on 18-09-2021. The final winners are Pico Pride, Elated Mavens and Demon Coders.



6. Senthil Prakash P N, Department of Computer Science and Engineering organizes an event under techtrix -CODE FIXTURE is a technical event in which students have to write programs to solve the given problem statements. Students can use either C language or Python language for solving the problem and the event was organized through hackerrank portal. The CODE FIXTURE event was organized on 24.09.2021 through virtual mode in which one student from each team participated. Totally five programs have been given and students were given ninety minutes duration to solve the problems. The final winners are Sowmya.V / Pico Pride, Preethi.D / Tech Warriors and Sivaram.V / Hack Alternative.



7. The Department of Computer Science and Engineering organized CREATIVE ART CLUB during October 2021 in virtual mode with the theme of “Emotion – human feelings, expression, knowledge through emotion, emotional situations, culture and emotions, controlled/uncontrolled emotions, conveying emotion, color, line and shape and emotions, Expressionism, Fauvism, Abstraction.”
8. The Department of Computer Science and Engineering organized Coding event under Code Club during October 2021 in virtual mode on 11.10.2021.
9. The Department of Computer Science and Engineering organized a Quiz Competition – Technical for Second Year students as part of the Quiz Club activity on 12.10.2021.

1.2HACKATHON

1. Poojitha.K,Prajna.A,Preethi.D,Preethi.S,Priyadarshini.E.M,Ragavi.V.S,Reinita Thomas, Shakthi A S Participated in WIT ACE Hackathon organised by WIT ACE from 16.06.2021 to 18.06.2021.

2. Nivethitha,Nandhini S Participated in WIT ACE Hackathon organised by WIT ACE from 16.06.2021 to 18.06.2021.
3. Rex Milton.S,Sanosh Participated in WIT ACE Hackathon organised by WIT ACE from 16.06.2021 to 18.06.2021

2. PLACEMENT & TRAINING ACTIVITIES

1. Training on Advanced Problem Solving Techniques was conducted for 2018-22 batch by SkillRack at R.M.K College of Engineering and Technology on 05.08.2021.
2. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 19.02.2021.
3. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 20.02.2021.
4. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 26.02.2021.
5. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 27.02.2021.
6. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 05.03.2021.
7. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 06.03.2021.
8. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 12.03.2021.
9. Training on product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 13.03.2021.
10. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 19.03.2021.
11. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 20.03.2021.
12. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 26.03.2021.
13. Training on Product Company based Coding was conducted for 2018-22 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 27.03.2021.

14. Training on Advanced Problem Solving Techniques was conducted for 2018-22 batch by SkillRack at R.M.K College of Engineering and Technology from 02.08.2021 to 04.08.2021.
15. Training on Programming and Data Structures for RHP Students was conducted for 2019-23 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 30.09.2021.
16. Training on Programming and Data Structures for RHP Students was conducted for 2019-23 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 01.10.2021.
17. Training on Programming and Data Structures for RHP Students was conducted for 2019-23 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 08.10.2021.
18. Training on Programming and Data Structures for RHP Students was conducted for 2019-23 batch by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on 09.10.2021.
19. Training on Aptitude Training Programme is conducted for 2018-22 by M/S SMART Training resources at R.M.K College of Engineering and Technology on July 10, 14, 17, 19, 27 & 28 and August 05, 2021.
20. Training on Aptitude Training Programme is conducted for 2019-23 by M/S SMART Training Resources at R.M.K College of Engineering and Technology on July 19, 20, 22, 23, 27-29, 2021.
21. Training on AMCAT C2 Test is conducted for 2018-22 M/s Aspiring Minds at R.M.K College of Engineering and Technology on August 20-22, 2021.
22. Training on Wipro PRP Milestone-1 is conducted for 2018-22 by Mr. Senthil Prakash P N and Mr. Madhu A at R.M.K College of Engineering and Technology on August 09 to 19, 2021.
23. Training on Wipro PRP Milestone-1 Assessment is conducted for 2018-22 M/s Wipro at R.M.K College of Engineering and Technology on August 20, 2021.
24. Training on Wipro PRP Milestone-2 is conducted for 2018-22 by Mr. Senthil Prakash P N and Mr. Madhu A at R.M.K College of Engineering and Technology on August 21 to 30, 2021.
25. Training on Wipro PRP Milestone-2 Assessment is conducted for 2018-22 M/s Wipro at

- R.M.K College of Engineering and Technology on August 31, 2021.
26. Training on Wipro PRP Milestone-3 is conducted for 2018-22 by Mr. Senthil Prakash P N and Mr. Madhu A at R.M.K College of Engineering and Technology on September 01 to 11, 2021.
 27. Training on Wipro PRP Milestone-3 Assessment is conducted for 2018-22 by M/s Wipro at R.M.K College of Engineering and Technology on September 13, 2021.
 28. Training on Wipro Company Specific Training is conducted for 2018-22 by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on August 28 & 30, 2021.
 29. Training on Cognizant Specific Training is conducted for 2018-22 by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on September 2 & 3, 2021.
 30. Training on TCS Company Specific Training is conducted for 2018-22 by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on September 8, 9 & 11, 2021.
 31. Training on Coding Webinar is conducted for 2019-23 Skillrack Trainers at R.M.K College of Engineering and Technology on September 13 to 15, 2021.
 32. Training on Aptitude Training Programme is conducted for 2020-24 by M/S SMART Training Resources at R.M.K College of Engineering and Technology on September 13 to 15, 2021.
 33. Training on Accenture Specific Training is conducted for 2018-22 by trainers of M/S Face Academy at R.M.K College of Engineering and Technology on September 16, 2021.

2.1 COE ACTIVITIES

1. The FEE,CoE,Department of Computer Science and Engineering organised Webinar on Web Development using Javascript and React Framework for III year Students by Ms. Jayalakshmi, Product Engineer, Coding Mart Technologies on 15-05-2021.
2. The FEE,CoE ,Department of Computer Science and Engineering conducted Module I Training on or II year Students by Dr. K. Chidambarathanu, ASP/IT, RMKEC. Ms. P. Jemi Gold, AP/CSE, RMKCET Dr. R. Jothi Lakshmi ASP/IT, RMDEC Mr. V. Sathya Narayanan, Software Developer, Rapid Accelerations, Chennai from 02-06-2021 to 05-06-2021.
3. The AI&DS,CoE ,Department of Computer Science and Engineering organised webinar on Trends in Artificial Intelligence and Data Science (AI & DS) and Industry expectations from

Students for Faculties by Mr. M. Srinivasan, Senior Director, AI and Analytics Division, Cognizant & Mr. K. Subramanian, Head, AI, Retail, Travel and Hospitality, Cognizant on 19-02-2021.

4. The AI&DS,CoE ,Department of Computer Science and Engineering conducted Cognizant AI & DS Hackathon projects for III Year Students by Mr. M. Srinivasan, Senior Director, AI & Analytics Division, Cognizant, Mr. Vasanth Rajagopal, Director Health Care, AI & Analytics, Cognizant. on 26-02-2021.
5. The AI&DS,CoE conducted Training on Introduction to Machine Learning, Deep Learning, Tensor Flow & AI Application development for II Year Students by Dr. M. Somasundaram - Prof/ECE RMKEC, Ms. S. D. Lalitha - AP/CSE RMKEC, Dr. S. Radhika - AP/CSE RMKEC, Dr. D. Rajalakshmi - AP/CSE RMDEC, Mr. Jayakumar - AP/CSE RMDEC, Mr. P.N.Senthil Prakash - AP/CSE RMKCET& Ms.U. Pradheepa AP/CSE RMKCET from 19-05-2021 to 21-05-2021.
6. The AI&DS,CoE conducted webinar on AI & DS: An Industry Perspective for II Year Students by Mr. Sai Kiran, Data Scientist, Goldfinch on 22-05-2021.
7. The AI&DS,CoE conducted webinar on Industry trends in AI / ML / DS for III Year Students by Mr. Mrityunjoy Panday, A.I. Architect, Cognizant on 28-09-2021.
8. The Cyber Security CoE conducted webinar on TCS Cyber Security Lecture Series for II & III Year CSE by Mr. Natarajan Swaminathan Senior Consultant, Cyber Security Practice on 28.04.21 07.05.2021
9. The Cloud CoE organised a training for III Year Students by Dr.Thanga Ramya Assoc Prof-RMDEC from 17-05-2021 to 21-05-2021.
10. The Cloud CoE organised training for III Year Students by Mr. Durairaj Saravanan, Development Engineer, Salesforce Hyderabad from 28.04.2021 to 30.06.2021.

3.STAFF PUBLICATION

3.1 INTERNATIONAL JOURNAL

1. M. Arun Manicka Raja, S. Swamynathan Hierarchical Stream Clustering Based NEWS Summarization System computers, Materials & Continua International September 2021.[WOS].

2. Ms.Prem Priya, Dr.K.Jeevaa published a paper titled Privacy-Preserving and Energy-Centered QoS for IoT Using XOR-RSA and BM-SSA in Wireless Personal Communications August 2021 [WOS].
3. Naresh Sammeta, N Duraichi, P Velmurugan and V LalithaVision published a paper titled Platform Lesion Quality Measurement of Accessible Endoscopic Images Using Machine Learning Techniques in Journal of Physics: Conference Series August 2021[SCOPUS].
4. Naresh Sammeta, N Duraichi, P
5. Velmurugan and V Lalitha published a paper titled A supply chain framework for identified internet services based on Blockchain in Journal of Physics: Conference Series August 2021 [SCOPUS].
6. Mr.P.N.Senthil Prakash, Dr.B.Hariharan, Mr.R.Siva, Mr.S.Kaliraj published a paper titled ABSO: an energy-efficient multi-objective VM consolidation using adaptive beetle swarm optimization on cloud environment in Journal of Ambient Intelligence and Humanized Computing August 2021[WOS].
7. A.S. Vibith, Dr.S. Thanga Ramya, C.M. Nalayini, A.R. Sathyabama, P.V. Rajasuganya published a paper titled IoT Based an Efficient Image Processing Algorithm for Capture Image in Museum using Localization Service for User Involvement inRevista Geintec Gestapo,Inovacao e Tecnologias July 2021 [SCOPUS].
8. Balachander.K, and Paulraj.D published a paper titled Building Energy Time Series Data Mining for Behavior Analytics and Forecasting Energy consumption in KSII Transactions on Internet and Information Systems June 2021 [WOS].
9. Prem Priya P published a paper titled Integrated Web Based Loan Management System Using Machine Learning Model in Turkish Journal of Physiotherapy and Rehabilitation May 2021
10. Naresh Sammeta, Dr. Latha Parthiban published a paper titled Medical data analytics for secure multi-party-primarily based cloud computing utilizing homomorphic encryption in Journal of Scientific and Industrial Research (JSIR) August 2021 [SCI].
11. Naresh Sammeta, Dr. Latha Parthiban published a paper titled Hyperledger blockchain enabled secure medical record management with deep learning-based diagnosis model in Complex & Intelligent Systems Oct 2021 [SCI].
12. Indra Priyadharshini S, Vigilson Prem published a paper titled M Near-infrared optical spectroscopy for pancreas shrinkage estimation with multi synchrosqueezing transform and

multivariate regression model in *Microscopy Research & Technique* – Wiley August 2021 [SCI].

13. V.M.Jemin,M.N.Saravanakumar,M.Ayyadurai,R.Ashok kumar published a paper titled Congestion Free channel Allocation for high traffic using MAC in WSN IT in industry March 2021 [WOS].
14. Jemin V M,Raja,Srinivasan,Surjith published a paper titled Somnolence Perception Utilizing Facial Gesture Analysis *Annals of Romanian Society of Cell Biology* June 2021 [SCOPUS].
15. Jemin V M,Raja,Srinivasan,Surjith published a paper titled Somnolence Detection using Facial Movement Analysis *International Research in Journal of Engineering and Technology* April 2021.
16. G.Indra, E.U,Iniyan, P.Ashok, M.Subashini published a paper titled Machine Learning Approach For Student Learning Performance Prediction before Final examination in *Turkish Journal of Physiotherapy and Rehabilitation*; May 2021 [SCOPUS].
17. P Pavithra Dr.K.Akila G.Indra P Jemi gold published a paper titled A Comparative Analysis on Application of Machine learning and Robotic Process Automation (Rpa) in *International journal of grid and Distributed Computing* January 2021. [WOS].
18. Arun Manicka Raja M, Sumitha T, Maria Michael Visuwasam L, Rejin Paul N R published a paper titled
19. Knowledge Extraction Using Autoregressive Method - A Tourist Information Extraction and Analytics in
20. EAI Endorsed *Transactions on Energy Web* January 2021[SCOPUS].
21. P.N.Senthil Prakash B.Hariharan published a paper titled The Impact of Various Policy Factors Implemented for Controlling the Spread of COVID-19 in *Materials Today: Proceedings* January2021[SCOPUS].
22. Prianka, R.R., Celine Kavida, A. published a paper titled Extracting the cervical cancer cell region through super pixel segmentation in *Journal of Ambient Intelligence and Humanized Computing* June 2021
23. P.Durgadevi,S.Vaishnavi,T.Veeramakali, S.Prabu published a paper titled Comparative Analysis of Color and Texture based Skin Recognition Techniques using Hand Segmentation in *Images Psychology and Education* April 2021 [SCOPUS].

24. P Pavithra, Dr. k. Akila, G. Indra, P Jemi gold published a paper titled A Comparative Analysis on Application of Machine learning and Robotic Process Automation (Rpa) in International journal of grid and Distributed Computing January 2021 [SCOPUS].
25. Vasanthan P, Jemin VM published a paper titled An innovative network security regulations dependent on improved support vector machines from the outlook of modern cities in Journal of Huazhong University of Science and Technology April 2021 [SCOPUS].
26. K Akila and P Pavithra published a paper titled Optimized scale invariant HOG descriptor for object and human detection in IOP Conference Series: Materials Science and Engineering April 2021 [SCOPUS].
27. M. Arun Manicka Raja, T. Sumitha, S. Gayathri published a paper titled Secure Authentication Mechanism for Users using Virtual Reality in Annals of the Romanian Society for Cell Biology April 2021 [SCOPUS].
28. Prianka RR published a paper titled Extracting the cervical cancer cell Region through super pixel Segmentations in Journal of Ambient Intelligence and Humanized Computing April 2021 [SCOPUS].

4. STAFF ACTIVITIES

4.1 WORKSHOP/SEMINAR/FDTP

1. Jemin V M has attended ATAL sponsored FDP on “Block chain organised by Excel Engineering College from 18.1.2021 to 22.1.2021.
2. Jemin V M has attended AICTE sponsored FDP on “Teaching Learning methods towards ONE-phaseII ” organised by Velammal Institute of Technology from 10.02.21 to 23.02.21.
3. Prem Priya P has attended AICTE sponsored FDP on “Teaching Learning methods towards OBE- phaseII ” organised by Institute of Technology from 10.02.2021 to 23.02.2021.
4. Indra Priyadarshini S has attended AICTE – ISTE sponsored FDP on “Teaching Learning Methods towards Outcome based Education” organised by Velammal Institute Of Technology from 10.02.2021 to 23.02.2021.

5. Jemi GoldP has attended AICTE sponsored FDP on “Teaching Learning Methods Towards Outcome Based Education” organised by Velammal Institute of Technology from 10.02.2021 to 23.02.2021.
6. Jemin V M has attended AICTE.STTP sponsored FDP on “Data Analysis Using Python” organised by IPS Academy Institute of Engineering and Science from 1.3.2021 to 9.3.2021.
7. Naresh Sammeta has attended AICTE.STTP sponsored FDP on “IoT Powered Solutions for Healthcare Innovations” organised by KCG College of Technology from 15.03.2021 to 20.03.2021
8. Jemin V M has attended FDP on “Essential of Outcome based Education” organised by Dr.MGR Educational and Research Institute from 15.3.2021 to 19.3.2021.
9. Jemin V M has attended AICTE sponsored FDP on “Recent developments in AI and Robotics organised by Baba Farid College of Engineering and Technology from 22.3.2021to 27.3.2021.
10. Jemin V M has attended Webinar on Cyber Security organised by GTN Arts College on 23.4.2021.
11. Indra priyadharshini s attended TLC, IIT madras sponsored FDP on how teachers can make difference? Organised by Velagapudi Ramakrishna Sidhartha Engineering College from 15.04.2021 to 17.04.2021
12. Prem Priya P has attended SRM University sponsored FDP on “Machine Learning and Deep Learning organised by SRM University, Vadapalani from 26.04.2021 to 30.04.2021.
13. Jemi GoldP has attended SRM Institute of Science and Technology sponsored FDP on “Machine Learning and Deep Learning. Research and Application Perspectives” organised by SRM Institute of Science and Technology from 26.04.2021 to 30.04.2021.
14. Jemin V M has attended FDP on Research Innovation in Computer Vision organised by Kings Engineering College from 10.5.2021 to 14.5.2021.
15. Prem Priya P has attended NITTT sponsored ATAL FDP on “Cybersecurity vulnerabilities and safeguard”. organised by NITTT Chandigarh from 17.5.2021 to 21.5.2021.

16. Saranya R has attended Anna university sponsored FDP on “Cloud computing” organised by Loyola.ICAM College of from 24.05.2021 to 29.05.2021.

17. Prem Priya P has attended AICTE-ATAL sponsored FDP on “Cyber Security vulnerabilities and safeguard organised by NITTT Chandigarh from 17.5.2021 to 22.05.2021.

18. Jemi GoldP has attended IIT Kanpur sponsored FDP on “Python” organised by E & ICT Academy from 24.05.2021 to 29.05.2021.

19. Indra .G has attended Anna university sponsored FDP on “CLOUD COMPUTING” organised by Loyola. ICAM College of Engineering and Technology from 24.05.2021 to 29.05.2021.

20. Jemi GoldP has attended AICTE sponsored FDP on “Machine Learning techniques” organised by Sri Sai Ram Engineering College from 07.06.2021 to 12.06.2021.

21. Jemin V M has attended FDP on “Application of Artificial Intelligence and Machine Learning with Digital Image Processing” organised by Panimalar Institute of Technology from 21.06.2021 to 26.06.2021.

22. P.N. Senthil Prakash has attended Anna University sponsored FDP on Data Structures organised by R.M.K. Engineering College from 21.06.2021 to 26.06.2021.

23. Madhu A has attended AICTE – Margdarshan sponsored FDP on “Blockchain and Smart Contract Technology organised by NIT Trichy from 25.6.2021 to 29.6.2021

24. Vibith A S has attended SRM Institute of Science and Technology sponsored FDP on Two Week Faculty Development Programme on “The Era of Change . Recent Advancement of Machine Learning in Terms of AI & IOT organised by SRM Institute of Science and Technology from 12.07.2021 to 25.07.2021

25. Naresh Sammeta has attended FDP on “Data Analytics & Business Intelligence powered by IBM Cognos Analytics & Tableau” organised by SmartBridge Educational Services Pvt. Ltd from 05.07.2021 to 10.07.2021

26. Jemin V M has attended FDP on “Multi Technologies” organised by Aarupadai Veedu Institute of Technology from 28.06.2021 to 03.07.2021.
27. Saranya R has attended AICTE sponsored Workshop on Tableau organised by NEAT from 05.07.2021 to 06.07.2021.
28. Jemin V M has attended FDP on “Data science and Big Data Analytics” organised by Indo Global College of Engineering from 26.07.2021 to 31.07.2021.
29. Jemin V M has attended FDP on “Challenges and Opportunities in cyber security with current tools and techniques a research perspective” organised by CMR Engineering College from 05.07.2021 to 09.07.2021.
30. Jemin V M has attended FDP on “Zero Coding: Data Analytics and Machine Learning for IoT Automation” organised by Vidyavardhaka College of Engineering from 22.07.2021 to 24.07.2021.
31. Pavithra P has attended Workshop on “Java Programming” organised by Infosys from 5.07.21 to 09.07.21.
32. Naresh Sammeta has attended ATAL sponsored FDP on “Practical Insight Into Key Concepts OfBlockchain” organised by ISE . Ramaiah Inst of Tech Bangalore from 12.07.2021 to 16.07.2021.
33. Indra .G has attended a Webinar on “National Education Policy (NEP). 2020” organised by R.M.K. College Of Engineering And Technology from 2.8.2021 to 10.8.2021.
34. Vibith A S has attended a Webinar on “National Education Policy (NEP). 2020” organised by R.M.K. College Of Engineering And Technology from 2.8.2021 to 10.8.2021.
35. Sandhiya R has attended ATAL sponsored FDP on “Data Science” organised by National Power Training institute (Southern Region) from 09.08.2021 to 13.08.2021.
36. P.N. Senthil Prakash has attended Three days STTP program on “Internet of Things and its Applications organised by Mepco Schlenk Engineering College, Sivakasi from 25.08.2021 to 27.08.2021.
37. Gnana Jeslin J has attended Webinar on “Use of Technology in Education” organised by Tagore College Of Arts And Science on 10.08.2021.

38. Gnana Jeslin J has attended Webinar on “Data Analysis For Business” organised by Shri Krishnaswamy College For Women from 16.08.2021 to 16.08.2021.
39. Gnana Jeslin J has attended Workshop on “Monty Python” organised by Shri Krishnaswamy College For Women from 11.8.2021 to 13.8.2021.
40. Gnana Jeslin J has attended FDP on “Artificial Intelligence & Data Science” organised by Vishwakarma Institute Of Technology, Pune from 16.08.2021 to 20.8.2021.
41. Jayabharathi R has attended FDP on “Artificial Intelligence & Data Science” organised by Vishwakarma Institute Of Technology, Pune from 16.08.2021 to 20.8.2021.
42. Anish.T. P has attended Two Weeks International FDP on “Technology Insights on IOT, Artificial Intelligence and Data Science organised by Easwari Engineering College from 18.08.2021 to 28.08.2021.
43. Kalyani N has attended ATAL sponsored FDP on “Data Sciences” organised by National Power Training Institute (Southern Region) from 09.08.2021 to 13.08.2021.
44. Kalyani N has attended Webinar on “National Educational Policy” organised by R.M.K College Of Engineering And Technology from 05.08.2021 to 10.08.2021.
45. Indra .G has attended Three days STTP program on Internet of Things and its Applications organised by Mepco Schlenk Engineering College, Sivakasi from 25.08.2021 to 27.08.2021.
46. Anish.T. P has attended ATAL sponsored FDP on Artificial Intelligence and Geospatial Technology in Surveillance for Infectious disease organised by KCG College of Technology from 23.08.2021 to 27.08.2021.
47. Anish.T. P has attended Webinar on Online Training on “IEEE Xplore” organised by RMK College of Engineering And Technology on 19.08.2021.
48. Naresh Sammeta has attended AICTE-MARGDARSHAN sponsored FDP on “Blockchain and Smart Contract Technology” organised by NIT.Trichy from 25.08.21 to 29.08.2021.

49. Prianka R R has attended Webinar on “Emerging Research Trends in Computer Science and Technology” organised by SRM Institute of Science and Technology, Ramapuram from 23.8.2021 to 29.8.2021.

50. Prem Priya P has attended a Webinar on “National Education Policy” (NEP). 2020 organised by R.M.K. College Of Engineering And Technology from 2.8.2021 to 10.8.2021.

51. Prem Priya P has attended ISTE sponsored FDP on “IoT and its Applications with Machine Learning” organised by SRM University, Ramapuram from 9.8.2021 to 22.8.2021.

52. Madhu A has attended ATAL sponsored FDP on “MEAN Stack Technologies” organised by Sree Vidyanikethan Engineering College from 21.9.2021 to 25.9.2021.

53. Jemi GoldP has attended ATAL sponsored FDP on “Internet of Things (IoT): Architecture & System Level Design organised by USIC&T, Guru Gobind Singh Indraprastha University from 27.09.2021 to 01.10.2021.

54. Jemin V M has attended ATAL sponsored FDP on “BlockChain and its applications” organised by Poornima Institute of Engineering & Technology from 21.9.2021 to 25.9.2021.

55. Kalyani N has attended Workshop on “Computer Vision Using Python” organised by Arasu Engineering College Kumbakonam from 25.09.2021 to 25.09.2021.

56. PavithraP has attended AICTE sponsored FDP on “Research Methodology and IPR” organised by Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada from 13.09.21 to 17.09.21.

57. Sandhiya R has attended ATAL sponsored FDP on “Foundation of Data Science and its application” organised by Indira Gandhi Delhi Technical University for Women from 06.09.2021 to 10.09.2021.

58. Sandhiya R has attended ATAL sponsored FDP on “Advance Cloud Computing Technologies and its Benefits” organised by INFLIBNET Centre, An IUC of UGC from 13.09.2021 to 17.09.2021.

59. Anish.T. P has attended AICTE sponsored FDP on “Research Methodology & IPR” organised by Velagapudi Ramakrishna, Siddhartha Engineering College, Vijayawada from 13.09.21 to 17.09.21.
60. Anish.T. P has attended Workshop on "Fundamentals of Deep Learning and its Applications” organised by SRM Institute of Science and Technology, vadapalani campus from 13.09.2021 to 15.09.2021
61. Anish.T. P has attended FDP on “Research Applications in Artificial Intelligence and Machine Learning organised by Haldia Institute of Technology from 06.09.2021 to 10.09.2021.
62. Anish.T. P has attended DBT Star College Scheme sponsored FDP on “Machine Learning and Deep Learning (Hands on Session)” organised by Bhavan’s Vivekenda College from 27.09.2021 to 01.10.2021.
63. Sandhiya R attended ATAL sponsored FDP on Artificial Intelligence and Machine Learning organised by National Institute of Technology, Raipur from 04.10.2021 to 08.10.2021.
64. Gnana Jeslin J has attended ATAL sponsored FDP on “Advance Cloud Cloud Computing Technologies and its Benefits” organised by INFLIBNET Centre, An IUC of UGC from 13.09.2021 to 17.09.2021.
65. Gnana Jeslin J Velagapudi Ramakrishna, Siddhartha Engineering College, Vijayawada from 13.09.21 to 17.09.2021.
66. Kalyani N has attended AICTE sponsored FDP on “Research Methodology And Ipr” organised by Velagapudi Ramakrishna, Siddhartha Engineering College, Vijayawada from 13.09.2021 to 17.09.2021.
67. Kalyani N has attended ATAL sponsored FDP on “Artificial Intelligence” organised by University College Of Engineering And Technology from 20.09.2021 to 24.09.2021.
68. Kalyani N has attended Seminar on “Achieve Higher Research Output Quality Rating of the Institution/Faculty” organised by R.M.K. College Of Engineering And Technology.

69. Kalyani N has attended NITTTR sponsored FDP on “Cyber Security” organised by NITTTR CHENNAI from 27.09.2021 to 01.10.2021.

70. Kalyani N has attended NITTTR sponsored FDP on “Free Software For Collaborative Learning organised by NITTTR Chennai from 04.10.2021 to 08.10.2021.

71. Kalyani N has attended ICT Academy sponsored FDP on “Fundamentals Of Rpa” organised by ICT Academy from 04.10.2021 to 08.10.2021.

72. Kalyani N has attended Webinar on “Challenges In BlockChain Technologies” organised by Arasu Engineering College Kumbakonam on 11.10.2021.

73. Indra Priyadarshini S has attended AICTE – ATAL sponsored FDP on “Cybersecurity and Cryptology organised by IIITDM-Kancheepuram from 04.10.2021 to 09.10.2021.

74. Jemin V M has attended ATAL sponsored FDP on “Recent Advancements in Automatic Speech Recognition and Speaker Verification” organised by National Institute of Technology Sikkim from 27.10.2021 to 1.10.2021.

75. PavithraP has attended ATAL sponsored FDP on “Data science and Big Data Analytics” organised by Graphic Era Deemed to Be University Dehradun, Uttarakhand from 04.10.21 to 08.10.21.

76. Kalyani N has attended ATAL sponsored FDP on “Robust AI: Building Through Data Exploration, Preprocessing And Exploration organised by IIIT Naya Raipur from 01.10.2021 to 05.10.2021.

77. Anish.T. P has attended ATAL sponsored FDP on “Augmented Reality/Virtual Reality and its Applications” organised by Sri Sai Ram Engineering College from 04.10.2021 to 08.10.2021.

4.2 BOOK PUBLICATION

1. Naresh Sammeta published a chapter on “Centralized Network Infrastructure and Virtualization of Inter Wireless Networks” in Dipti press OPC pvt ltd Chennai in June 2021., ISSNO: 978-81-952585-3-6 .

2. Gnana Jeslin J published a book on “Step into Web Mining” in Notion press in September 2021., ISSNO 978-16-855405-1-7.
3. Indra Priyadharshini S published a book on “Constructive Solutions for Security and Privacy Issues at the Edge: Securing Edge Framework – A Healthcare Application Use Case” in IGI Press, 2021., 978-17-998857-7-1.

4.3 ONLINE COURSE

1. Saranya R completed NITTT course on Professional Ethics Sustainability from September 2020 to February 2021.
2. Saranya R completed NITTT course on Orientation towards Technical Education and Curriculum aspects from September 2020 to February 2021.
3. Saranya R completed NITTT course on Communication Skills and Knowledge Dissemination from September 2020 to February 2021.
4. Jemin V M completed NITTT course on Orientation towards Technical Education and Curriculum aspects from February 2021 to September 2021.
5. Jemin V M completed NITTT course on Professional Ethics Sustainability from February 2021 to September 2021.
6. Jemi Gold P completed NITTT course on Orientation towards Technical Education and Curriculum aspects from February 2021 to September 2021 .
7. Jemi Gold P completed Courseera course on Machine Learning for All from June 2021 to July 2021.
8. Jemin V M completed Courseera course on Build a full website using Word press on 19-06-2021.
9. Vibith A S completed Courseera course on AWS Cloud front: Serve content from multiple S3 buckets from July 2021 to July 2021.
10. Vibith A S completed Courseera course on Design a mobile app interface with Moqups from July 2021 to July 2021.
11. Vibith A S completed Courseera course on Build a mobile app with Google Sheets on Glide and no coding from July 2021 to July 2021.
12. Sandhiya R completed NPTEL course on Python for Data Science from July 2021 to August 2021.

13. Gnana Jeslin J completed Udemy course on Introduction to Cloud Computing with AWS, Azure and GCP from August 2021 to August 2021.
14. Gnana Jeslin J completed Courseera course on Develop a Company Website with Wix from September 2021 to September 2021.
15. Naresh Sammeta completed Courseera course on Google Cloud Fundamentals: Core Infrastructure from September 2021 to September 2021.
16. Naresh Sammeta completed Courseera course on Essential Google Cloud Infrastructure: Foundation from September 2021 to September 2021.
17. Naresh Sammeta completed Courseera course on Essential Google Cloud Infrastructure: Core Services from September 2021 to September 2021.
18. Naresh Sammeta completed Courseera course on Elastic Google Cloud Infrastructure: Scaling and Automation from September 2021 to September 2021.
19. Naresh Sammeta completed Courseera course on Reliable Google Cloud Infrastructure: Design and Process from September 2021 to September 2021.
20. Vibith A S completed NITTT course on Communication Skills and Knowledge Dissemination.
21. Saranya R completed NITTT course on Student Assessment and Evaluation from August 2021 to October 2021.
22. Saranya R completed NITTT course on Creative Problem Solving, Innovation and Meaningful research and development from August 2021 to October 2021.
23. Anish.T.P completed NPTEL course on Big Data Computing from August 2021 to October 2021.
24. Anish.T.P completed NITTT course on Orientation towards Technical Education and Curriculum Aspects from September 2021 to November 2021.

4.4 RESOURCE PERSON/GUEST LECTURE DELIVERED

1. Dr.Akila K delivered Guest Lecture on Role of Basic Science in Computer Science and Engineering organised by Department of Science and Humanities,R.M.K College of Engineering and Technology on 7.06.2021.
2. Prem Priya P delivered Guest Lecture on Role of Basic Science in Artificial Intelligence and Data Science organised by Department of Science and Humanities,R.M.K College of Engineering and Technology on 7.6.2021.

3. Mr.M.Arun Manicka Raja delivered Guest Lecture on Python PACKAGES - NUMPY, PANDAS at NITTTR, Chennai on 13.05.2021.
4. P.N.Senthil Prakash handled a session on Hands on for AI & Machine Learning Algorithms in Healthcare Data Analytics at SRMIST, Chennai on 17.09.2021.

4.5 REVIEWER OF JOURNAL

1. P.N.Senthil Prakash reviewed a paper titled COVID-19 Diagnostic Using Machine Learning: An Experimental Study Using Brazilian Laboratory Data and Systematic Review in Informatics in Medicine Unlocked - Elsevier in April 2021.
2. Naresh Sammeta reviewed a paper titled A Novel Convolutional Neural Network with Gated Recurrent Unit for Automated Speech Emotion Recognition and Classification in the International Journal of Speech Technology in June 2021.
3. Indra Priyadarshini S reviewed a paper titled Establishing Inventory Measurements Using Intermittent Demand Forecasting in Journal of Intelligent & Fuzzy Systems in June 2021.
4. P.N.Senthil Prakash reviewed a paper titled Automatic Bearing Fault Size Diagnosis using Time–Frequency Images of CWT and Deep Transfer Learning Methods in Journal of Super Computing in August 2021.
5. Naresh Sammeta reviewed a paper titled An Efficient Low Complexity Compression based Optimal Homomorphic Encryption for Secure Fiber Optic Communication in Optik in August 2021.
6. Naresh Sammeta reviewed a paper titled An Automated Word Embedding with Parameter Tuned Deep Learning Model for Focused Web Crawling in Intelligent Automation & Soft Computing in August 2021.
7. Prem Priya Previewed paper titled An effective SPMV based on block strategy and hybrid compression on GPU in The Journal of Supercomputing.in September 2021.

4.6 STAFF AWARD

1. Jemin V M received the Best paper award in the International Conference on Innovative and Emerging Trends in Engineering and Technology(ICIETET'21 conducted at Panimalar Institute of Technology in April 2021.

5. STUDENT ACTIVITIES

1. Hema Priya , Gorla Mahesh Kumar ,L.,K. Shamitha ,II year won creative art conducted on 10.10.2021 under the theme “Emotion”.



K. Shamitha - II Year CSE-D [111620104138]



K. GUNA UNCONTROLLED EMOTION II Year CSE-A [111620104041]



L. Hema Priya - II Year CSE-A [111620104046]

2. Metukuru Mahith Reddy attended a workshop on data science organized by Easwari Engineering college 19.04.2021 to 29.04.2021.
3. Lokesh S attended a workshop on Google Cloud ready Program from 01.06.2021 to 01.08.2021.
4. Ugesh kumar R completed a course titled Web development in Udemy from 03.05.2021 to 05.08.2021.
5. Metukuru Mahith Reddy attended Workshop on data science organized by Easwari Engineering college 19.04.2021 to 29.04.2021
6. Sai prudvila completed a course titled cloud computing in Coursera from 04.04.2021 to 03.05.2021.
7. Vidhyavarshini D completed course titled Introduction to python programming in Infosys headstart from 05.05.2021 to 04.06.2021
8. Vishal G completed a course titled Java in Udemy from 05.05.2021 to 04.06.2021.
9. Somunath Reddy completed a course on Python Bootcamp from zero to hero in Python in Udemy on 04.07.2021.
10. Somunath Reddy completed a course on Machine Learning in Udemy on 31.07.2021.

11. Vishal G completed a course titled Web development in simply learning from 07.07.2021 to 08.07.2021.
12. Yanamala venu completed a course titled Artificial Intelligence using python in Pantech solutions from 30.08.2021 to 29.09.2021.
13. Yarrasura Mahesh completed a course titled Python in Coursera from 26.08.2021 to 25.09.2021.
14. Varsha R completed a course titled Data Science in Coursera from 15.08.2021 to 20.09.2021.
15. The Department of Computer Science and Engineering organized Coding event under Code Club during October 2021 in virtual mode on 11.10.2021.
16. K. Harshini, Nithish, J. Muthuganesh, II year participated in Quiz Competition – Technical as part of the Quiz Club activity on 12.10.2021.

5.1 STUDENT AWARD

1. Abinaya, IV year was awarded as best student by ISTE during april 2021.
2. Mukil, IV year was awarded as best student by ISTE during april 2021.

3. Atchaya Suresh ,IV year was awarded as best student by ISTE during april 2021.
4. Hari Priya IV was awarded as best student by ISTE during april 2021.

5.2 STUDENT PUBLICATION

1. Naresh Sammeta presented paper on A Supply Chain Framework for Identified Internet Services Based on Block chain in at International Conference on Emerging Trends in Science, Engineering and Management Virtual Conference 2021 (ICETSEM-2021) at International Journal of MC Square Scientific Research, Chennai, India from 21-01-2021 to 23-01-2021.
2. Pavithra P. Akila M presented paper on Optimized Scale Invariant Hog Descriptors for Object and Human Detection in the International Conference on Advances in Material Science, Communication and Microelectronics (ICAMCM-2021) at Jaipur Engineering College & Research Centre, Jaipur on 19-02-2021.
3. Jemin VM presented paper on Real time Driver heart rate Monitoring system using IOT in International Virtual Conference on Research Innovation in Science, Engineering and Technology (IVCRISET 2021) at Kings Engineering College on 01-03-2021.
4. Jemi Gold P, Monikhashree A, Lakshmi Priya S, Mercy Jebalin E presented paper on Movie Recommendation System Using Machine Learning Algorithm in 9th International Conference On“Contemporary Engineering and Technology –2021 at Organization of Science and Innovative Engineering & Technology (OSIET) on10-04-2021 and 11-04-2021.
5. Atchaya Suresh, Prem Priya presented paper on Machine Learning Integrated Loan Management System in The 9th International Conference on Contemporary Engineering and Technology 2021 (ICCET) at Prince Shri Venkateshwara Padmavathy Engineering College &.(OSIET) Chennai on 10-04-2021 and 11-04-2021.
6. Ms Prem Priya P ,Shivani V, Nandhini V, Sindhu Priya K presented paper on Privacy - Preserving Image Retrieval and Sharing in Social Multimedia Applications in The 9th International Conference on Contemporary Engineering and Technology 2021 (ICCET) at Prince Shri Venkateshwara Padmavathy Engineering College & (OSIET) Chennai on 10-04-2021 and 11-04-2021.

7. Boyapati Bhavya, Gomathi presented paper on A Methodology of secure sharing personal health records in cloud in 9th International Conference On“Contemporary Engineering and Technology–2021 At Organization of Science and Innovative Engineering & Technology (OSIET) on 10-04-2021and 11-04-2021.
8. Sunil Kumar, Shashanth, Subha Reddy presented paper on Conversion of sign Language into Speech using Machine Language in 9th International Conference on “Contemporary Engineering And Technology–2021 at Organization Of Science a and Innovative Engineering & Technology (OSIET) on 10-04-2021 and 11-04-2021.
9. Saranya R, Sumanth, presented a paper on Online voting system in 9th Internationalconference On“Contemporary Engineering and Technology –2021 At Organization of Science and Innovative Engineering & Technology (OSIET) on 10-04-2021 and 11-04-2021.
10. Mukhil V, Radha Krishnan S, Murali B presented paper on E- Society - A financial and event management system in 9th International Conference on “Contemporary Engineering and Technology –2021at Organization of Science and Innovative Engineering & Technology (OSIET) on 10-04-2021 and 11-04-2021.
11. ArunMozhi B, Bhuvana .P, Bhandharu Swetha presented paper on A Proposal on City Travellers Mobile Application using Mapbox and Foursquare in 9th International Conference On “Contemporary Engineering and Technology–2021 At Organization Of Science And Innovative Engineering & Technology (OSIET) on 10-04-2021 and 11-04-2021.
12. A Harini presented paper on Web Based Inventory Management System in Sixth International Conference on Innovative & Emerging Trends in Engineering and Technology - ICIETET 2021 on 12-04-2021.
13. Jemin V M, Raja, Srinivasan, Surjith presented paper on Somnolence Detection using Facial Movement Analysis(Awareness Website) in International Conference on Innovative and Emerging Trends in Engineering and Technology (ICIETET'21 at Panimalar Institute of Technology on 12-04-2021.
14. Naresh Sammeta,Sukesh.P,Vishal.D,Yuvaraja.P Presented Paper On Diable Detection Of The Retinopathy Using CNN Algorithm In International Virtual Conference On Emerging Trends On Artificial Intelligence In Industry 4.0 at Loyola Institute of Technology, Palanchur, Chennai – 600123 on 21-06-2021.

15. Naresh Sammeta, L.Sharupriya, S.V.S.Neelima, S.Vishali Presented Paper on Real-Time Driver Drowsiness Detection System Using Machine Learning in International Virtual Conference on Emerging trends on Artificial Intelligence in Industry 4.0 at Loyola Institute of Technology, Palanchur, Chennai – 600123 on 21-06-2021.
16. Naresh Sammeta, Sk.Ashraf, S.Siva Sankar Reddy, R.Dora Babu Presented Paper On A Fraud Detection System For Auto Insurance Claims Using Machine Learning Techniques in International Virtual Conference on Emerging trends on Artificial Intelligence in Industry 4.0 at Loyola Institute of Technology, Palanchur, Chennai – 600 123 on 21-06-2021
17. Naresh Sammeta, Sk.Ashraf, S.SivaSankar Reddy, R.DoraBabu Presented Paper On A Prediction System For Detection Of Fraud In Auto Insurance Claims Using Machine Learning Techniques in at International Conference on Contemporary Engineering and Technology 2021 (ICCET) at Prince Shri Venkateshwara Padmavathy Engineering College &(OSIET) Chennai on 04-10-2021.
18. Botta Tenika Chowdary, Gorijala Mamata ShreeKasthuri Rajitha presented paper on Comparative Analysis of Machine Learning Predictive Models on Oil sales in 2nd International Conference On Information, Communication Engineering at SRM Easwari EngineeringCollege on 09-10-2021 & 10-10-2021.

5.3 INTERNSHIP

1. Jaishree K.G of 2019.2023 underwent internship training at ALISON from 3.6.21 to 23.6.2021
2. Monika M, Mohammed Umar, Nuthalapati Bhavya, Preethi.S, K.Tharun Kumar, Poojitha K, Dincy V D,Preethi. D,Ragavi. V.S,Manju Parkavi. G,Muppala Mona Sree, Prajna A, Reinita Thomas, Noti Parameswari, Poojitha, Harini G, Jaishnavi D,Kanchu Jyotsna,Sandireddy Bhavana,Tunga Likitha, Shakthi A S,Keerthipati Vyshnavi,Nandhini. S of 2019.2023 underwent internship training at Expositis from june 2021 to july 2021 .
3. Rex Milton S,Vishal G,Sivaram V,L. Premdeep,V P. Pravin, Somunath Reddy,Ugesh Kumar R,Vignesh S,Vishal G,Juroo,B M Jeevanandham,M K Saran Madhav K,Kishore.R of 2019.2023 underwent internship training at Expositis from june 2021 to july 2021 .
4. Vidhyavarshini.D of 2019.2023 underwent internship training at Turnip from 22.06.2021 to 26.06.2021
5. s.saravana perumal of 2020.2024 underwent internship training at TVS training and

services from 21.06.2021 to 7.07.2021.

6. Manoj Y of 2019.2023 underwent internship training at InfiData solutions from 26.07.2021 to 02.09.2021.
7. Varsha R of 2019.2023 underwent internship training at NSIC from 20.08.2021 to 27.08.2021.
8. Vidhyavarshini.D of 2019.2023 underwent internship training at Internshala from 01.09.2021 to 08.09.2021.