NEWS LETTER

Department of Computer Science & Engineering

TECH TIMES

A Half- Yearly Newsletter

July 2024

"The computer was born to solve problems that did not exist before."
— Bill Gates

PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

EDITORIAL BOARD

Contents

Department of Computer Science & Engineering

The Department of Computer Science and Engineering was formed in the year 1999. The department has started B.Tech program with an initial intake of 40 in the year 1999 and 120 from 2007 onwards. The department has also started M.Tech program with an initial intake of 18 in the year 2006, and an increase in the intake to 36 in the year 2011. The department is accredited by NBA in the year 2007 for a period of 3 years and was reaccredited in the year 2012 for a period of 2 years. In 2019 department was accredited for a period of 3 years.

The department has 36 qualified teaching staff with 16 PhDs and 20 M.Techs. Our faculty members aim at delivering top class education blending their rich research experience with class room teaching. The entire faculty is involved in research activities and has published/presented papers in national and international journals and conferences.

The department has ACM student chapter and CSI student chapter. The department offers various certification training programs to students like APSSDC Mobile App Development Program to make the students well prepared to face the industry. The department has also established Intel FICE Lab to encourage students with new technologies.

Guest Lectures / Workshops / Co-curricular events organized by Department

The department of Computer Science and Engineering organized ---

i. Alumni Webinar sequence#1 "Mock Interviews" for IV CSE students on 27-01-24. Resource Person: Mr B. Venkata Bhanu Dheeraj, Business Development Lead, Cognizant, Hyderabad. Coordinators: Mr.B. Vishnu Vardhan, Asst.Professor.

ii. A One-day workshop on "Fitness with YOGA" for III CSE students on 11-01-24. Resource Persons: 1. Mr K.V.S.K Murthy, Yoga Master, PVPSIT and Dr A.JayaLakshmi, Head of the Department, Department of CSE, PVPSIT.

iii. A One-day Guest lecture on "Meditation for Success in Studies and Overall Wellbeing" for III CSE students on 10-01-24. Resource Person: Mr Ravi Kiran Edara, Commissioner, GST & Customs, Government of India, Vishakhapatnam. Coordinators: Ms.A. Divya, Asst.professor and Mr.M. Ram Gopal, Asst.Professor.

iv. A One-day workshop on "Prompt Engineering for Generative AI Tools" for II CSE students on 05-01-24. Resource Person: Mr A. Prashant, Assistant Professor, Department of CSE, PVPSIT.

v. A Webinar in association with ACM Student Chapter "Full Stack Web Development" for II B.Tech Students on 29-01-2024. Resource Person: Mr.T. Rajesh, Full Stack Developer, CTS, Hyderabad. Coordinators: Dr.J. Rama Devi, Sr. Asst. Professor. and Ms.T. Srilakshmi, Asst. Professor.

vi. Alumni Webinar sequence #2 "Mock Interviews" for IV CSE students on 01-02-24. Resource Person: Mr G. Tarun Gopal, Java Backend Developer, TCS, Hyderabad. Coordinators: Mr. Vishnu Vardhan B, Asst.Professor, Ms T Sri Lakshmi, Asst.Professor and Dr. S Phani Praveen, Associate Professor.

vii. Alumni Webinar sequence #3 "Mock Interviews" for IV CSE students on 06-02-24. Resource Persons: Mr Lohit Ambati, Site Reliability Engineer, Deloitte USI, Hyderabad Coordinators: Mr Vishnu Vardhan B, Asst.Professor; Dr S Phani Praveen, Associate Professor and Ms P Dedeepya, Asst.Professor

viii. Alumni Webinar sequence# 4 "Mock Interviews" for IV CSE students on 08-02-24. Resource Persons: Mr Jonnakurti Narendra Kumar, Graduate Student, and University of North Texas, USA. Coordinators: Mr. P Anil Kumar, Asst.Professor, Mr. A Yuva Krishna, Asst.Professor and Mr. D Lokesh Sai Kumar, Asst.Professor

ix. Alumni Webinar sequence #5 "Mock Interviews" for IV CSE students on 19-02-24. Resource Person: Mr. T. Rishi Chandra, Software Engineer, Arista Networks, Bangalore.Coordinators: Ms. D. Swapna, Asst.Professor, Ms. A Madhuri, Asst.Professor and Ms. A. Divya, Asst.Professor

x. Alumni Webinar sequence #6 "Mock Interviews" for IV CSE students on 20-02-24. Resource Person: Mr M.L. Sai Bharath, Project Manager, E & Y GDSA, Hyderabad.Coordinators: Ms. D. Sree Lakshmi, Asst.Professor, Dr. N. V. Ramana Gupta, Asst.Professor and Dr. M. Sailaja, Asst.Professor

xi. One-week Hands-on workshop on "Full Stack Web Development Using MERN Stack" for III CSE students from 18-03-24 to 23-03-24. Resource Person: Mr T. Rajesh, Full Stack Developer, Cognizant, Hyderabad.Coordinators: Mr.B. Vishnu Vardhan, Asst.professor.

xii. Alumni Interaction sequence#7 "Mock Interviews" for IV B. Tech students on 14-6-24. Resource Person: K. Pandu Ranga Pavan, Assistant System Engineer, TCS, Hyderabad. Coordinator: Mr B Vishnu Vardhan, Asst.professor.

xiii. Alumni Interaction sequence#8 "Mock Interviews" for IV B. Tech students on 14-6-24. Resource Person: A. Lohit, Site Reliability Engineer Deloitte, Hyderabad. Coordinator: Dr.N.V. Ramana Gupta, Asst.professor.

xiv. Alumni Interaction sequence#9 "Mock Interviews" for IV B. Tech students on 14-6-24. Resource Person: G. Naga Harshitha, Software Engineer, Walmart, Hyderabad. Coordinator: Mr.D. Lokesh Sai Kumar, Asst.professor.

xv.   Alumni Interaction sequence#10 "Mock Interviews" for IV B.Tech students on 15-6-24. Resource Person: G. Koushik Manikanta, System Engineer, TCS, Hyderabad. Coordinator: Mr. A. Prashant, Asst.professor.

xvi.   Alumni Interaction sequence #11 "Mock Interviews" for IV B. Tech students on 15-6-24. Resource Person: G. Bhargav Ramudu, System Engineer (Developer), TCS, Hyderabad. Coordinator: Ms.P. Dedeepya, Asst.professor.

xvii.   Alumni Interaction sequence #12 "Mock Interviews" for IV B.Tech students on 15-6-24. Resource Person: Siva Sagar kalagara, Business Intelligence Developer, Christina Care, U.S.A. Coordinator: Mrs D Sree Lakshmi, Asst.professor.

xviii. Alumni Interaction sequence #13 "Mock Interviews" for IV B. Tech students on 15-6-24. Resource Person: Rohith Penugonda, Systems Engineers, Epam systems, Hyderabad. Coordinator: Mr P Anil Kumar, Asst.professor.

Faculty Achievements

a. Patents: NIL

b. Guest lecturers delivered:

  i.   Mr. A. Prashant Assistant Professor delivered a guest lecture on "Prompt Engineering for Generative AI Tools" for II B. Tech CSE Students on 05-01-2024.

  ii. Mr. A. Prashant Assistant Professor acted as a resource person for I B. Tech Coding Club Students of PVPSIT in "Scratch Tool".

c. Awards Received:

  i.   Ms. Y. Surekha received Certification of Appreciation for her instrumental role as SPOC for the SWAYAM-NPTEL Local Chapter.

  ii.   Dr. P Naga Srinivasu Recognized as a Research Fellow of INTI International University, Malaysia, for the period of 2 years from 1st September 2023 to 31st December 2025.

  iii. Mr. D. Lokesh Sai Kumar received Certificate of Appreciation for translating the files Computer Architecture from IIT Madras.

  iv.   Mr. A. Prashant received "IEEE R10 Ethics Champion" title was awarded on recognition to the volunteer service performed on behalf of IEEE that symbolises commitment to ethical practices.

d. Reviewers of journals:

i. Mr. A. Prashant acted as a reviewer in "2024 International Conference on Social and Sustainable Innovations in Technology and Engineering".

ii. Dr. P. Naga Srinivasu was the Review Editorial Board member for International Journal of Information System Modeling and Design (IJISMD) IGI Global, USA.

iii. Dr.M. Sailaja acted as the reviewer for International Conference on Social and Sustainable Innovations in Technology and Engineering SASI-ITE'24.

iv. Dr.G.Lalitha Kumari acted as the reviewer for International Conference on Social and Sustainable Innovations in Technology and Engineering SASI-ITE'24.

v. Ms.Y.Surekha acted as the reviewer for International Conference on Social and Sustainable Innovations in Technology and Engineering SASI-ITE'24.

e. Faculty Participation (as a Judge, Guest, or BOS member, & Chairing a session, etc.):

i. Mr. A. Prashant acted as a Judge in World Engineering Day Hackathon 2024 by UNESCO.

ii. Dr. P. Sai Kiran acted as a Resource Person for the six-days AICTE-ATAL FDP on "AI at Edge: Enabling smart devices with Embedded ML" organized at KKR & KSR Institute of Technology & Sciences, Vinjanampadu, Guntur on 10-02-2024.

iii. Mr.A. Prashanth acted as a Judge for World Engineering Day (WED) Hackathon by the World Federation of Engineering Organizations (WFEO), in partnership with UNESCO and Engineers Without Borders International (EWB-I), powered and supported by The Big Creative.

f. Ph.Ds awarded:

i. Dr. U. Sirisha was awarded Doctor of Philosophy in Computer Science & Engineering on the thesis "Sensitive Entities Detection and Analysis using Deep Learning Approaches" from VIT-AP University.

ii. Dr.D. Swapna was awarded Doctor of Philosophy in Computer Science & Engineering on the thesis "Performance driven blockchain based framework for voter registration and voting" from GITAM University.

g. Projects applied for external agencies: NIL

Faculty Publications/ Conferences

a) **Scopus indexed journals:**

i. Dr.S.Phani Praveen published a paper titled "Outlier Management and its Impact on Diabetes Prediction: A Voting Ensemble Study" in Journal of Intelligent Systems and Internet of Things, Vol-12, Issue-1 with ISSN:2690-6791, Feb-24 **(Scopus)**

ii. Dr.S.Phani Praveen published a paper titled "Enhancing Real-Time Malware Analysis with Quantum Neural Networks" in Journal of Intelligent Systems and Internet of Things, Vol-12, Issue-1 with ISSN:2690-6791, Feb-24 **(Scopus)**

iii. Dr.K.Koteswararao published a paper titled "Student Voting on ICP Blockchain: A Decentralized Web3 Approach-An Infrastructure Protection System" in International Journal of Safety and Security Engineering, Vol-14, Issue-1 Feb-24, with ISSN:2041-9031 **(Scopus)**

iv. Mr.D.Lokesh Sai Kumar published a paper titled "An advanced ensemble load balancing approach for fog computing applications" in International Journal of Electrical and Computer Engineering (IJECE), Vol-14, Issue-2 Apr-24, with ISSN:2088-8708 **(Scopus)**

v. Dr.S.Phani Praveen published a paper titled "Enhanced Intrusion Detection Using Stacked FT-Transformer Architecture " in Journal of Cybersecurity and Information Management, Vol-13 , Issue-2, Apr-24 with ISSN: 2769-7851 **(Scopus)**

vi. Dr.N.V.Ramana Gupta published a paper titled "A Multimodal Face and Fingerprint Authentication System Using Fuzzy Set Exponential Water Wave Optimization" in Journal of Institute of Engineers(India) Series B, Springer, Vol-105, Issue-3, May-24 with ISSN: 2250-2106 **(Scopus)**

vii. Ms.Y.Surekha and Dr.K.Koteswararao published a paper titled "Optimizing Traffic Sign Detection and Recognition by Using Deep Learning" in International Journal of Transport Development and Integration, Vol-8, Issue-1, Mar-24 with ISSN: 2058-8305 **(Scopus)**

viii. Ms.T.Sri Lakshmi published a paper titled "LAMBDA: Lexicon and Aspect-Based Multimodal Data Analysis of Tweet" in Ingénierie des Systèmes d'Information, Vol-29, No-3 with ISSN: 1633-1311, June-24 **(Scopus)**

b) **SCI/SCIE/ESCI journals:**

i. Dr.P.Naga Srinivasu, Ms.U.Sirisha and Dr.S.Phani Praveen published a paper titled " An Interpretable Approach with Explainable AI for Heart Stroke Prediction" in Diagnostics, Vol-14, Issue-2, Jan-24 with ISSN:2075-4418 **(SCIE) (Scopus)**

ii.   Dr.B.N.Swamy and Dr.S.Phani Praveen published a paper titled "Designing a modified feature aggregation model with hybrid sampling techniques for network intrusion detection", in Cluster Computing with ISBN:1573-7543 **(SCI) (Scopus) (Article in Press)**

c) **UGC/other journals:**

i.   Dr.G.Lalitha Kumari, Dr.K.Koteswararao and Ms.Y.Surekha published a paper titled "Machine Learning-Based Lung Cancer Classification and Enhanced Accuracy on CT Images" in Traitement du Signal (TS), Vol-41, Issue-2, April-24 with ISSN: 0765-0019

ii.   Dr.S.Phani Praveen published a paper titled "Investigating the Efficacy of Deep Reinforcement Learning Models in Detecting and Mitigating Cyber-attacks: a Novel Approach " Journal of Cybersecurity and Information Management, Vol-14 , Issue-1, May-24 with ISSN: 2769-7851

iii. Dr.S.Phani Praveen published a paper titled "Revolutionizing Healthcare: A Comprehensive Framework for Personalized IoT and Cloud Computing-Driven Healthcare Services with Smart Biometric Identity Management "Journal of Cybersecurity and Information Management, Vol-13 , Issue-1, May-24 with ISSN: 2690-6791

iv.   Dr.S.Phani Praveen published a paper titled "Employing Deep Learning for the Identification and Assessment of Skin Cancer", in Fusion: Practice and Applications, Vol-16, No-2 with ISSN: 2692-4048, May-24

v.   Mr.L.V.Krishna Rao published a paper titled "Optimizing Industrial Engineering Performance with Fuzzy CNN Framework for Efficiency and Productivity" in (IJACSA) International Journal of Advanced Computer Science and Applications, Vol-15, Issue-6 with ISSN: 2156-5570, June-24

d) **Book chapters: NIL**

e) **Books: NIL**

f) **Magazines:**

i.   Mr. A. Prashant Assistant Professor published an article titled "Innovation as part of Education Culture" in "Change Forward" Journal published by University Innovation Fellows program at Stanford University, USA during the academic year 2022-23.

g) **Conferences Proceedings:**

i. Dr.S.Phani Praveen presented and published a paper titled "Big Mart Sales using Hybrid Learning Framework with Data Analysis" in 2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS), Dec-23 **(Scopus)**

ii. Dr.A.Ramana Lakshmi presented and published a paper titled "An Advanced Cloud Security and Load Balancing in Health Care Systems", in the International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2023) with ISBN:979-8-3503-0085-7, Aug-23 **(Scopus)**

iii. Dr.A.Ramana Lakshmi presented and published a paper titled"Digital Land Registration Using Smart Contracts", in 2nd International Conference on Advancement InComputation &Computer technologies(InCACCT) with ISBN: 979-8-3503-7131-4, Feb-24

iv. Ms.D.Sree Lakshmi presented and published a paper titled "Facial Emotion Detection A Comprehensive Survey", in International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS 2024) with ISBN: 979-8-3503-7274-8, April-24

v. Ms.A.Divya and Ms.D.Sree Lakshmi presented and published a paper titled "Dual-Stage Deep Learning Framework for Effective Public Physical Violence Detection" in 13th IEEE International Conference on Communication Systems and Network Technologies-2024 with ISBN: 979-8-3503-0546-3 , April-24

Workshops/Faculty Development Programs attended by the faculty

a) Seminars/Webinars: NIL

b) Workshops:

i. Dr G.Lalitha Kumari, Dr M.Sailaja, Ms Y.Surekha attended a One-day workshop on "Real World Evidence and Clinical Data Mining: Improving Patient Outcomes" organized by Accubits Invent Pvt. Ltd. Bio 360 Life Science Park TVM. KL, on 24-2-24.

ii. Ms A.Madhuri, Dr G.Lalitha Kumari, Dr M.Sailaja, Ms Y.Surekha attended a One-day online workshop on "Real World Evidence and Clinical Data Mining : Improving Patient Outcomes" organized by Accubits Invent Pvt. Ltd. Bio 360 Life Science Park, Thiruvananthapuram, Kerala. On 24-02-24.

iii. Mr S.Krishna Kishore attended a One-week online workshop On " Quality Research paper and funding project proposal Writing" organized by Dept of EEE, PVPSIT from 11-03-24 to 15-03-24.

iv. Dr. S. Madhavi attended a workshop titled "The Digital Leap in Learning: GENAI Tools for Academic Empowerment organised by The Research & Development Cell in association with IQAC on 02-03-2024.

v. Dr S. Madhavi, Dr P. Naga Srinivasu, Dr S. Phani Praveen, Dr N.V.Ramana Gupta attended a One-day workshop on " The digital Leap in Learning: GENAI Tools for Academic Empowerment" organized by R & D Cell, IQAC, PVPSIT on 02-03-24.

vi. Dr A. Ramana Lakshmi attended a One-day online workshop on "Data Analytics & AI" organized by Universityof Calicut, Manjeri on 15-06-24.

c) STTP/STCs:

i. Mrs T.Sri Lakshmi, A.Madhuri participated in One-week Self-Sponsored online short-term course "Hands-on on Machine Learning and Deep Learning" organized by Atal Bihari Vajpayee - Indian Institute of Information Technology and Management Gwalior from 29-01-24 to 02-02-24.

ii. Mr A.Prashant participated in One-week AICTE Sponsored Online Short Term Training Program (STTP) on "Research Paper Writing & Publishing in High Impact Journals" organized by National Institute of Technology Nagaland from 26-02-24 to 01-03-24.

iii. Mr S.Krishna Kishore participated in Two-weeks Inter-Disciplinary Refresher Course on "Managing Online Classes & Co- creating MOOCS" organized by Teaching Learning Centre Ramanujan College, University of Delhi from 07-02-24 to 21-02-24.

d) Faculty Development Programmes:

i. Mrs D.Swapna,Mrs T.Sri Lakshmi,Ms.A.Madhuri attended a One-week AICTE ATAL Faculty Development Programme on "Vulnerability Assessment and Penetration Testing of Web Applications using Tools" organized by G.Narayanamma Institute of Technology & Science for Women from 05-02-24 to 10-02-24.

ii. Dr K.Jyotsna Devi attended a One-week online International Faculty Development Programme on" Data Science and its applications" organized by B.C.Roy Academy of professional Courses Durgapur,India from 05-02-24 to 09-02-24.

iii. Mr K.Michael Sadgun Rao, Mr B.Vinay Kumar attended a One-week National Level Faculty Development Programme on "Essential Mathematics for Data Science and Machine Learning" organized by Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad – 500 075, Telangana from 05-02-24 to 09-02-24.

iv. Dr B.N.Swamy, Dr S.Phani Praveen attended a One-week AICTE ATAL Faculty Development Programme on "Tuning electric and dielectric properties of nano thin film devices through material science Engineering organized by KKR & KSR Institute of Technology and Sciences Guntur from 29-01-24 to 03-02-24.

v. Mr A.Prasanth attended a One-week AICTE Faculty Development Programme on" AI Evolution: From foundations to Generative AI" organized by Tech Saksham from 22-01-24 to 27-01-24.

vi. Mr L.V.Krishna Rao attended a One-week Faculty Development Programme on"Building Advanced Data Analytics applications with cloud" organized by ATAL - edunet foundation, Banglore from 08-01-24 to 12-01-24.

vii. Dr. G. Lalitha Kumari, Dr. M. Sailaja and Ms. Y. Surekha attended a One-week National level Faculty Development Programme on "Multi Disciplinary Research Trends in Artificial Intelligence organized by dept. of AI & DS, LBRCE, Mylavaram from 20-02-24 to 24-02-24.

viii. Ms. D.Sree Lakshmi, Ms A.Divya, Dr K.Jyotsna Devi attended a Two-week E & ICT Sponsored Online Faculty Development Programme on ""Optimization Techniques for Engineering Applications" organized by Department of CSE, National Institute of Technology (NIT) Warangal, Warangal Telangana from 11-03-24 to 22-03-24.

ix. Ms. D.Sree Lakshmi, Ms A.Divya, Dr K.Jyotsna Devi, Ms Y.Manasa, Dr U.Sirisha, Ms.P.Dedeepya, Mr L.V.Krishna Rao, Mr E.Bala Bhaskar, Mr. S.Krishna Kishore participated in 2-Weeks E & ICT Sponsored Online Faculty Development Programme on "Cloud and Fog Computing Platforms for Internet of Things (IoT) Applications" organized by Department of Computer Science and Engineering (CSE) National Institute of Technology (NIT) Warangal Telangana, in association with E & ICT Academy from 26-02-24 to 08-03-24.

x. Mr A.Prashant participated in One-week International Level online Faculty Development Programme on "Unveiling Emerging Trends in Artificial Intelligence and Data Renaissance" organized by Madanapalle Institute of Technology & Science, Madanapalle from 19-02-24 to 23-02-24.

xi. Dr.Koteswara Rao, Dr.G.Lalitha Kumari, Dr. M. Sailaja and Ms.Y.Surekha attended & completed successfully AICTE Sponsored Online Short Term Training Program (STTP) on "Research Paper Writing & Publishing in High Impact Journals" from 26-02-2024 to 01-03-2024 organized by National Institute of Technology Nagaland.

xii. Dr G. Lalitha Kumari, Dr M. Sailaja, Ms Y. Surekha attended a One-week Faculty Development Programme on "Recent Trends in Information Technology" organized by Dept. of IT, PVPSIT from 1-4-24 to 6-4-24.

xiii. Mr.N. Sudhakar Reddy attended a One-week online international Faculty Development Programme on "Latest Trends and Techniques in Software Engineering: An Industry Perspective" organized by Christ University, Banglore from 20-01-24 to 27-01-24.

xiv. N. Sudhakar Reddy attended a One-week Faculty Development Programme on "Cognitive Computing for Smart Applications" organized by Vishwakarma Institute of Technology, Pune from 18-03-24 to 22-03-24.

xv. Dr S. Phani Praveen attended a Eight-week NPTEL Faculty Development Programme on"Introduction to Soft Computing" organized by NPTEL-AICTE from 27-01-24 to 01-04-24.

xvi. Dr K. Koteswara Rao, Dr.G. Lalitha Kumari, Dr. M. Sailaja, Ms. Y. Surekha participated in One-week Faculty Development Programme on "Pioneering the future of Blockchain Technology" organised by NIT Tiruchirappalli from 29-04-24 to 3-5-24.

xvii. Ms. P. Dedeepya, Dr U. Sirisha, Mrs Y. Manasa participated in 2-Weeks E & ICT Sponsored Online Faculty Development Programme on "AI in Cloud Computing: Theory, Practice and Applications" organised by the Department of CSE, NIT Warangal, Telangana State from 15-4-24 to 26-4-24.

xviii. Dr A. Ramana Lakshmi participated in One-week National level online Faculty Development Programme on "Outcome-based Education and Application of Generative AI in Teaching and Research" organized by IQAC Gauhati University from 17-4-24 to 24-4-24.

xix. Mr E. Bala Bhaskar, Ms P. Dedeepya, Dr U. Sirisha completed the Twelve-Week NPTEL Faculty Development Programme on "Programming in JAVA" from 25-01-24 to 30-4-24 organised by NPTEL.

xx. Dr S. Phani Praveen, Mr D. Lokesh Sai Kumar, Ms P. Dedeepya participated in One-week online Faculty Development Programme on "Explore Innovative trends in Machine Learning and Deep Learning" organised by Lakkireddy Balireddy College of Engineering, Mylavaram from 10-6-24 to 14-6-24.

xxi. Dr A. Ramana Lakshmi participated in One-week National level online Faculty Development Programme "ICT & AI Assisted teaching in-line with OBE & NEP" organized by St.James College of Nursing and Pharmaceutical sciences, Chalakudy, Kerala from 29-5-24 to 5-6-24.

xxii.   Mr A. Prashant participated in Two-week E & ICT Sponsored Online Faculty Development Programme on" Smart Contract Mastery: Pioneering the Future of Blockchain Applications" organized by Department of CSE, NIT Warangal in association with E&ICT Academy, NIT Warangal, from 6-5-24 to 17-5-24.

xxiii.   Mr Prashant participated in One-week online Faculty Development Programme on "UHV-II" organized by AICTE, New Delhi, from 25-3-24 to 30-3-24.

e) Guest Lectures attended: NIL

f) Awareness programmes/Interaction meet/Quizzes, etc: NIL

g) MOOCs courses completed by the faculty:

i.   Mrs A. Divya completed a course titled "Computer Science 101" from 01-04-24 to 1-9-24 offerered by EdX from Stanford University.

h) AICTE/DST/any other Projects granted:

i.   Dr.P Naga Srinivasu got grant of worth Rs.2, 21,588 for the project "Bi-LSTM with CNN over An XAI Framework for Real-Time Monitoring of Blood Glucose Levels" from King Faisal University, Saudi Arabia.

ii.   Mr.A. Prashant got a project "Web & IOT based for water supply and quality management" of worth Rs.60, 400/- from SAGTE.

iii.   Mr.B. Vishnu Vardhan got a project "Smart Pill Dispenser" of worth Rs.63, 600/- from SAGTE.

i) Conferences:

i.   Mrs.D. SreeLakshmi, Mrs A. Divya attended a Three-day International Conference on "Intelligent data communication Technologies and Internet of Things" Skin care Diagnosis using Deep Convolutional Generative Adversarial Network for Image Classification organized by School of CSE, Reva University, Bangalore from 4-1-24 to 6-1-24.

ii.   Mrs.D. SreeLakshmi, Mrs A. Divya attended a Three-day International Conference on "Intelligent data communication Technologies and Internet of Things" Hybrid VGG19 with combined LSTM Deep Neural Network for Improved Brain Tumor organized by School of CSE, Reva University, Banglore from 4-1-24 to 6-1-24.

iii.   Dr S. Phani Praveen, Mrs A. Madhuri, Miss P. Dedeepya, Dr.U.Sirisha attended a Two-day International Conference on "Machine Learning and applied Data Analytics" organized by EAI Innovative Research, MLADA, Dehradun, India.

iv. Mrs A. Divya, Mrs D. Sree Lakshmi attended a Two-day International Conference on " communication systems and Network Technologies " organized by Gyan Ganga Institute of Technology and Sciences, Jabalpur from 06-04-24 to 07-04-24.

v. Mrs D. Sree Lakshmi attended a Three-day International Conference on "Cognitive Robotics and Intelligent Systems" organized by KPR Institute of Engineering and Technology Coimbatore., from 17-4-24 to 19-4-24.

Student Achievements

i. Ms. V. Phani Sirisha (22501A05J2) was selected for scholarship worth Rs. 1,00,000/- in Women Engineers (WE) organized by TalentSprint Supported by Google.

a) Co-curricular Activities:

Participation of Students in NITs/IITs/ Premier institutions:

i. Ms.P. Amulya (22501A05D7) and Ms.T.N.S. Samanvitha (22501A05H6) received Appreciation letter from VPS Public School for Inter House Quiz Competition as Quiz Masters on 03-01-2024.

ii. Ms. Somu Likhitha (21501A05G5) participated in the event ACM INDIA Winter School on "Algorithmic Foundations of Data Science" organized by NISER, Bhuvaneswar.

iii. Ms. B. Neeharika (21501A0513), Ms. B.Leela Aditya (21501A0524) and Ms.G.Shree Harsha (21501A0548) participated in the event "JAM" organized by VIVA VVIT.

iv. 103 students of CSE were certified in "Google Cloud & Generative AI" through GDSC.

v. 5 Teams from Department of CSE had participated in Start-up Expo at IIT Hyderabad from 01-02-2024 to 04-02-2024.

Team-1: Mr.A. Grishmanth (22501A0514), Mr.G. Gowtham (22501A0549) Project Title: Emergency Vehicle Traffic Aided Device (EVTAD).

Team-2 Mr. CSVS Subramanyam (22501A0533), Mr.K Aakash (22501A0501) and Mr.A Abdul (22501A0502). Project Title: App Idea for Testing the validity of Apps (APPSCERN). Team-3: Ms.M Manvitha (22501A05A4), Mr.Ch. Hemanth (22501A0529), Mr.B. Akhil (22501A0525), Ms.G. Anjali (22501A0518), Mr.E. Harikrishna (22501A0545), Mr. B. Sai Srikar (22501A0526). Project Title: Eco Friendly Cloths (INFHEMITY).

Team 4: Mr. Eswar Aditya (22501A05J8), Mr.Afzal (22501A05H5) Project Title: Tourist Guidance App (GUIDO).

Team 5: Mr.Sk. Irfan Haris (22501A05G2) and Mr.S. Uday Bhaskar (22501A05G9) Project Title: Related to Online Banking (OVERDRAFT).

vi.   Mr. Aakash Kodali (22501A0501), Mr.E.Hari Krishna (22501A0545), and Ms.Darshini Kantam (22505A0507) participated in "India Quiz" event organized by student council of PVPSIT on 22-02-2024.

vii.   Mr. Aakash Kodali (22501A0501), Mr.P.Ananda Satya Sai Sreekar (22501a0511), Mr.B.Praveen Nayak (22501A0519), Mr.E.Hari Krishna (22501A0545), Mr.Sri Hari Renduchintala (22501A05F5), Mr.T.Revanth (22501A05I5), Ms.Darshini Kantam (22505A0507), Ms.B.Chaitanya Lahari (21501A0516) , Mr.Ch. Bhuvan Chandra Kumar (21501A0532) , Mr.B.Lakshmi Deepak (21501A0525),Ms.Chunchu Gowthami (21501A0534) participated in "Superhero Quiz" event organized by student council of PVPSIT on 21-02-2024.

viii.   Mr.Aakash Kodali (22501A0501), Mr.P.Ananda Satya Sai Sreekar (22501A0511), Mr.B.Praveen Nayak (22501A0519), Mr.Garika Subhash   (22501A0550),   Mr.P.Kamal Siddardha (22501A05D5), Mr.Pavan Kumar Chennupati (22501A05E0), Ms.P. Nikitha (22501A05F0), Mr.P. Sree Satya Harsha (22501A05E4), Mr.P. Mithil (22501A05F2), Ms. Rayala Baby Akshitha   (22501a05f3), Ms.R.Sai Roshini (22501A05F4), Mr.Sri Hari R (22501A05F5), Mr.Siddhartha Y (22501A05A7), Mr.Syed Muhammad Afzal (22501A05H5), Ms.Tati Gayathri (22501A05H7), Mr.T. Teja Mahendra (22501A05H9), Ms.Uppalapati Harshita   (22501A05I6), Ms.Y.Anusha (22501A05J7) participated in "Film Quiz" event organized by student council of PVPSIT on 19-02-2024.

ix.   Ms. Dudipalla Rashmitha (21501A0541), Mr.K.Tarun Babu (21501A0574), Mr. K.Siva Ganesh (21501A0576), Mr. K.Uday Kumar (21501A0579), Mr.K.Adithya   (21501A0592), Mr.M.Kumara Sai (21501A05A9), Mr.M.S.V.Mani Varma (21501A05B0), Mr.M.Kesya Naik (21501A05B1), Mr.M.Manoj Kumar (21501A05B9) participated in "MANMEET-Business Quiz, Colorido" organized by RVR & JC College of Engineering on 16-02-2024. Mr.P.Naveen Kumar (21501A05D3), Mr.T. Vishnu Swaroop (21501A05G9) participated in "Colloquy, CIS'SOIRRE 2K24" organized by RVR & JC College of Engineering on 16-02-2024.

x.   Mr.B.V.A. Bharadwaj (21501A0521), Mr. B. Aditya   (21501A0524), Mr.Ch.Yogeesh Sai (21501A0526), Mr.P.Naveen Kumar (21501A05D3), Mr.Nagur Baji Shaik (21501A05G1), Mr.T.Vishnu Swaroop (21501A05G9), Mr.G.Mahesh Babu (22505A0504) participated in "CIS'SOIREE 2K24" event organized by RVR & JC College of Engineering on 16-02-2024.

xi.   Mr.B.V.A Bharadwaj   (21501A0521), Mr.B. Aditya(21501A0524), Mr.Ch.Yogeesh Sai (21501A0526), Mr.Kare Siva Ganesh   (21501A0576), Mr.K Uday Kumar (21501A0579), Mr.M.S.V Mani Varma (21501A05B0),   Mr.M.Kesya Naik (21501A05B1), Mr. P.V.N.S Aashith (21501A05D2), Mr.P.Naveen Kumar (21501A05D3), Mr.T.Vishnu Swaroop (21501A05G9), Mr.G. Mahesh Babu (22505A0504), Mr.G. Varsha (21501A0560) participated in "CIS'SOIREE 2K24" event organized by RVR & JC College of Engineering on 15-02-2024.

xii.   Mr.Jillela Manoj Kumar (20501A0568), Mr.Jonnalagadda Dinesh (20501A0569), Mr.Kancharla Chaitanya (20501A0575) participated in "Innovation, Design and Entrepreneurship (IDE) Boot camp" organized at "National Institute of Engineering, Mysore, by Ministry of Education's Innovation cell (MIC) & AICTE" from 29-01-2024 to 02-02-2024.

xiii.   Mr.G.Kiran Teja (22505A0505) participated in "Tech Quiz - SUNRISE 2K24" organized by NRI Institute of Technology from 05-01-2024 to 06-02-2024.

xiv.   Mr.P.Sai Advaith (22501A05D6), Mr.T.Tej Mahendra (22501A05H9) secured III prize in "The Hindu Future India, Club Quiz 2024", organized by "Institute of Public Enterprise, The Hindu Group." on 08-01-2024.

xv.   Ms.T.Hari Priya (20501A0565) participated in "TECH TITANS" event conducted by VIVA VVIT, Namburu.

xvi.   Mr.N.Naga Uma Mahesh(20501A05D1) participated in SERB Sponsored Workshop on "Smart Resource Management for Iot Networks: Enhancing Connectivity And Efficiency" Department of ECE, Visvesvaraya National Institute Of Technology, Nagpur on 12-18 March 2024.

xvii.   124 Students Participated in "Thinkfic Bitmage" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xviii. 49 Students Participated in "Obfuscated Coding Contest" event, SITAR-2K24 organized by PVPSIT on 06-03-2024.

xix.   19 Students Participated in "Avishkar Anveshan" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xx.   Ms.V. Sarvani   (21501A05J1), Ms.V. Jaji Madhuri (21501A05I1) has secured I prize in "Thinkfic Bitmage" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xxi.   Ms.A.Harini (22501A0515), Ms.E.Durga Sri Lahari (22501A0542), Ms.E.Shelian Gladis (22501A0544) has secured II prize in "Thinkfic Bitmage" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xxii.   Ms.M.Gayatri (21501A05A8), Ms.M.Gayathri Yadav (21501A05C1), Ms.N.Revathi (21501A05C4) has secured III prize in "Thinkfic Bitmage" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xxiii.   Mr.K.Chaitanya (20501A0575) Mr.M.Dharma Teja(20501A05B9) has secured I prize in "Obfuscated Coding Contest" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xxiv.   Mr.P.Venkata Mahesh (21501A05E0), Mr.V.Hemanth (21501A05J0) has secured II prize in "Obfuscated Coding Contest" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xxv.   Mr.M.Mukhesh (22501A05A7), Mr.V.Vara Prasad (21501A05I8) has secured III prize in "Obfuscated Coding Contest" event , SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xxvi.   Ms.Ch.Mounika (21501A0530) has secured III prize in "Avishkar Anveshan" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xxvii. Ms.M.Jyothsna (21501A05B6), Ms.N.Dhanu Sri(21501A05C2), Ms.N.Naga Sai Nanditha (21501A05C3) , Ms.R.Satya Sekhar(21501A05E8) has secured III prize in "Gaana" event, SITAR- 2K24 organized by PVPSIT on 06-03-2024.

xxviii. Mr.G.D.Dhanush (21501A0546), Ms.G.Likitha Ram (21501A0562) are participated in NationBuilding – India's largest case study competition ROUND 2 in online on 2-03-2024.

xxix.   Ms.A.Bhuvana Naga Sai (21501A0505), Ms.B.Deekshitha (20501A0519) and Ms.B.Gowthami (20501A0522) are participated in Trilang Quest event organized by VRSEC on 28-02-2024 and 29-02-2024.

xxx.   Ms.A.Bhuvana Naga Sai (21501A0505), Ms.B.Deekshitha (20501A0519) and Ms.B.Gowthami (20501A0522) are participated in Creativiz event organized by VRSEC on 28-02-2024 and 29-02-2024.

xxxi.   Ms.B.Deekshitha (20501A0519), Ms.B.Gowthami (20501A0522) are participated in Secure Knights event organized by VRSEC on 28-02-2024 and 29-02-2024.

xxxii. Ms.M. Jeswanth (21501A05A3), Mr.Moturu Rajesh (21501A05B7) are participated in Shark Tank AFOSEC-2024 event organized by VRSEC on 28-02-2024 and 29-02-2024

xxxiii. Mr.G.D.Dhanush (21501A0546), Ms.G.Likitha Ram (21501A0562) are participated in NationBuilding - Indias largest case study competition ROUND 1 in online on 22-02-2024.

xxxiv. Ms. P Harshita (22501A05E5) attended University Innovation Fellows'2023 Summit Stanford d.School organized at University of Twente Netherlands from 11-04-2024 to 15-04-2024.
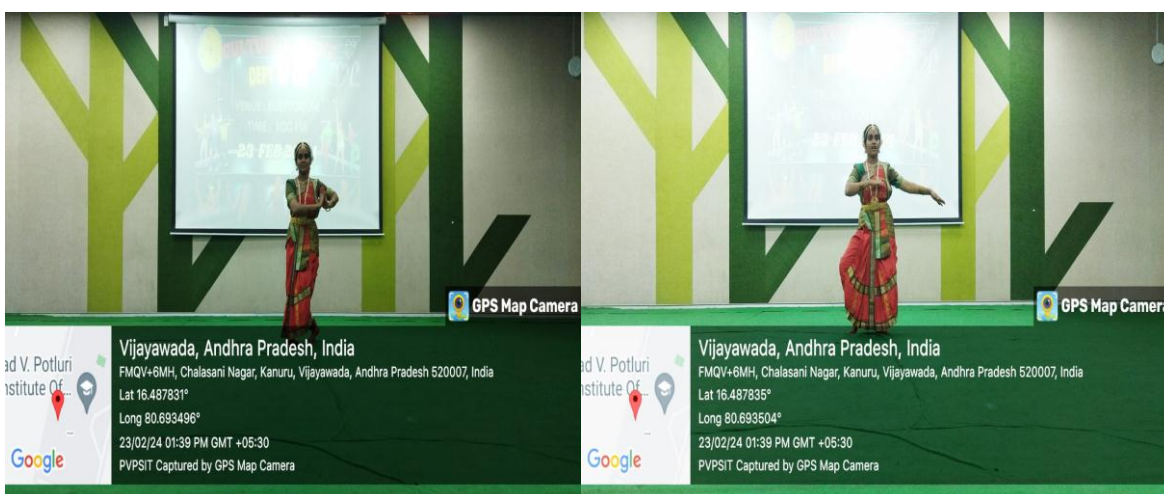
xxxv. Ms. Hunaina Hafsa (22501A0564) has participated in LinkedIn Workshop event organized by VIT – AP on 20-03-2024.

xxxvi. Ms. J.Sravani (21501A0569), Mr. K.Naga Praveen (21501A0599), Ms. M.Sivani (21501A05A5), Mr. M.Kumara Sai (21501A05A9), Ms. N.Akhila (21501A05C8), Ms. P.Divya Teja (22505A0511) participated in Medha, LAKSHYA - 2K24 event organized by LBRCE, Mylavaram on 01-03-2024.

xxxvii. Mr. M.Kumara Sai (21501A05A9) & Ms. P.Divya Teja (22505A0511) participated in Rapid ML AFOSEC-2024 event organized by VRSEC from 28-02-2024 to 29-02-2024.

xxxviii. Ms. N.Akhila (21501A05C8) has participated in Secure Knights event, AFOSEC-2024 organized by VRSEC, from 28-02-2024 to 29-02-2024.

xxxix. Ms. M.Sivani (21501A05A5) has participated in Trilang Quest event, AFOSEC-2024 organized by VRSEC, from 28-02-2024 to 29-02-2024.

xl. Ms. Hunaina Hafsa (22501A0564) has participated in Ideathon event, AFOSEC-2024 organized by VRSEC, from 28-02-2024 to 29-02-2024.

xli. Mr. J.Praveen Kumar (21501A0566), Ms. J.Sravani (21501A0569), Mr. K.Naga Praveen (21501A0599) participated in Shark Tank event AFOSEC-2024 organized by VRSEC from 28-02-2024 to 29-02-2024.

xlii. Ms. P.Divya Teja (22505A0511) has participated in Spark Tech, ECLECTIQUE 2K24 event organized by CEV(A) JNTU Gurajada Vizianagaram from 26-02-2024 to 27-02-2024.

xliii. Ms. M.Sivani (21501A05A5) & Ms. P.Divya Teja (22505A0511) participated in QUIZIQ, ECLECTIQUE 2K24 event organized by CEV (A) JNTU Gurajada Vizianagaram from 26-02-2024 to 27-02-2024.

xliv. Mr. Nagur Baji Shaik (21501A05G1) has participated in AI Mania by GFG Student Chapter event organized by VIT – AP from 22-02-2024 to 23-02-2024.

xlv. Ms. J.Sravani (21501A0569), Ms. M.Sivani (21501A05A5) & Ms. P.Divya Teja (22505A0511) participated in MANMEET - Business Quiz, COLORIDO 2024 event organized by RVR & JC College of Engineering on 16-02-2024.

xlvi. Mr. SR. Siddharth(20201A05F3), Mr. Narayana Teja(20501A05D3) were selected for the final round of The Influential Student Award Category.

xlvii. Ms U. Bharathi (21501A05H7), V. Tejaswini (21501A0550) and Ms N. Akhila (21501A05C8) participated in Responsible & Safe AI Workshop- IIT Madras on 3rd June.

xlviii.   Mr Sk. Meharaj (21501A05F9), Ms S. Likitha (21501A05G5) participated in Generative AI for Text Workshop - IIT Gandhinagar, Microsoft Research India on 24th June.

xlix.   Ms Y. Pragna (21501A05J5) participated in Theoretical Foundations of Cryptography Workshop - IIT Bombay on 3rd June.

b) Extra-curricular Activities:

As a part of the weekend cultural programme, the College Cultural Committee organised cultural events for B.Tech. CSE students on February 23rd 2024, in the Auditorium.

i.   41 students from II B.Tech. CSE performed group dance programs and songs and anchors.

ii.   23 students from III B.Tech. CSE performed group dance programs, songs, 7 other students participated as volunteers.

iii.   18 students from IV B.Tech. CSE performed group dance programs, songs, 13 other students participated as volunteers.

c) Coursera/NPTEL Details of the students:

i.   90 students certified in 14 different courses and 3 students Mr. M. Dharma Teja (20501A05B9), Ms. P. Sreya Sree (20501A05D7), Ms.A.Mohana Venkata Priya (20501A0504) got TOP 5%, 3 students Ms.Ch.Lakshmi Sri Yasaswini (20501A0598), Ms. Md.Mubeena (20501A05B4), Ms.D.Satya Sree (20501A0515) got TOP 2% and 2 students Ms.B. Sri Sravya (20501A05H7), Ms.Y. Vaishnavi (20501A05J2) got TOP 1%.

ii.   Ms. DamerlaNavya (20501A0535), Ms. G. Likhitha Sree (20501A0560), Ms.B. Divya Sri (20501A0519) and Ms. B. Satya Sree (20501A0515) of IV CSE Students received Certificate of Appreciation for being recognized as NPTEL Discipline Star

d) Internships:

i. Mr.P. Prem Kumar (20501A05D8) underwent internship at AT&T with Rs.45,356/- stipend per month.

ii. Mr.S. Siddharth (20501A05F3) underwent internship at ICICI Prudential with Rs.15,000/- stipend per month.

iii. Ms.A. Harini (22501A0515) got internship as Software Development Engineer (Role) and Ms. K Lavanya (22501A0588) got selected for Quality Assurance Engineer (Role) at Amazon through "Amazon Future Engineer" program with a stipend of 70000/- for 2 Months.

iv. Ms. G. Naga Deekshitha (21501A0553) got Internship for Software Development Engineer (SDE) Role at "Amazon" from July to December 2024, with a stipend of 110K per month and a special allowance of 400USD per month.

v. Ms K. Lavanya Sri (22501A0588), Ms.A. Harini (22501A0515) got internships at Amazon with a stiphend of Rs. 70,000/- per month.

vi. Ms K. Dharani Priya (20501A0594), Dimpu Vana Sree (20501A05B2) underwent internship at Mitsogo Technologies Pvt. Ltd with a stipend of □15,000/- per month.

vii. Thirty-eight B. Tech CSE students underwent internship programs at various premier institutes and companies like IIIT, Hyd, RCI, DRDO, NIT-AP, Infosys Springboard, OctaNet Services Pvt. Ltd, Vassar Labs.

viii. Sixty-eight students completed internships in the AICTE-AWS cloud course.

ix. Sixty-seven students completed internships in the AICTE- SS&C blueprism Intelligent Automation Course.

x. Sixty-two students completed internships in the AICTE- Paloalto Networks Cyber Security Course.

xi. Three students completed internships in the AICTE- Celonis Process Mining Course.

e) Student Publications:

Students presented and published papers in Conferences :

i. Mr.Sampathi Rao Siddharth, Ms.Teella Komali Priya, Mr.Yaswant Sai Kavuri, Ms.Salopantula Mani Sindhura in Collaboration with Dr.S.Phani Praveen and Ms.D.Swapna presented and published a paper titled "ResNet and ResNeXt-Powered Kidney Tumor Detection: A Robust Approach on a Subset of the KAUH Dataset" in 2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS), Dec-23 **(Scopus)**

ii. Mr.Vamsi Saripudi, Mr.V Harshalokh, Ms.T Sohitha, Mr.S Venkat Sai Karthik, Mr.T Venkata Pavana Surya Sreekar in collaboration with Dr.S.Phani Praveen presented and published a paper titled "Diabetes Prediction with Ensemble Learning Techniques in Machine Learning" in 2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS), Dec-23 **(Scopus)**

iii. Mr. R.Chiranjeevi, Mr.V.Narasihma, Mr.J.Ranith and Mr. J.Venkata Naga Ramesh in collaboration with Ms.P.Dedeepya presented and published a paper titled "Image Recognition and Similarity Retrieval with Convolutional Neural Networks" in 2nd Conference on Automation, Computing and Renewable Systems (ICACRS-2023), Dec-23 **(Scopus)**

iv. Ms.N. Veena Sri Sai, Ms.N. Naga Uma Mahesh, Ms.N. Teja and Ms.M. Vijaya Sri in collaboration with Ms.A.Divya and Ms.D.Sree Lakshmi presented and published a paper titled "Hybrid VGG19 with Combined LSTM Deep Neural Network For Improved Brain Tumor Classification" in 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT-2024), Apr-24 with ISBN: 979-8-3503-2753-3 **(Scopus)**

v. Mr.Moturu Bhargavi Sai, Ms.Kolusu Dharani Rama, Ms.Kommu Joshna Rani, and Mr.Murali Vakkalagadda in collaboration with Ms.D.Sree Lakshmi and Ms.A.Divya presented and published a paper titled "Skin Cancer Diagnosis using Deep Convolutional Generative Adversarial Network for Image Classification in 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT-2024), Apr-24 with ISBN: 979-8-3503-2753-3 **(Scopus)**

vi. Mr.P. Jeevan Sai, Mr.T. Varun, Mr.S. Nagur Babu, Mr.Y. Uday Siva Sai Teja and Mr.B. Vinay Kumar presented and published a paper titled "Detecting Manipulated Audio Using Adaboost

Machine Learning Algorithm" in 2024 2nd International Conference on Advancement in Computation & Computer Technologies (InCACCT), May-24 with ISBN: 979-8-3503-7132-1.

Higher Education:

i.   Seventeen students of IV B. Tech. were qualified in IELTS.

ii.   Fifteen students of IV B. Tech. were qualified in GRE.

iii.   Six students of IV B. Tech. were qualified in DUOLINGO English Test

iv.   Three students of IV B. Tech. were qualified in TOFEL.

v.   Twelve students achieved a high GATE score and rank.

vi.   Forty-five students were admitted to various MS programs in different countries.

Placements:

i.   Fifteen students of IV CSE were selected for Teachnook with a package of 4 LPA.

ii.   Five students of IV CSE were selected for TCS NINJA with a package of 3.5 LPA.

iii.   Six students of IV CSE were selected for TCS DIGITAL with a package of 7 LPA.

iv.   One student of IV CSE were selected for ESAF Small Finance Bank with a package of 3.75 LPA.

v.   Eighteen students of IV CSE were selected for AvaIntern with a package of 4 LPA.

vi.   Seventeen students of IV CSE were selected for SkillWinner with a package of 3.60 LPA.

vii.   Sixteen students of IV CSE were selected for ACADEMOR with a package of 4.5 LPA.

viii.   Two students of IV CSE were selected for MITSOGO TECHNOLOGY with a package of 4.00 LPA.

ix.   Six students of IV CSE were selected for TCS NINJA with a package of 3.5 LPA..

x.   Seven students of IV CSE were selected for TCS DIGITAL with a package of 7 LPA.

xi.   One student of IV CSE was selected for EFFTRONICS with a package of 5.3 LPA with a stipend of Rs.10,000/- per month during the training period for 6 months.

xii.   Five students of IV CSE were selected for MSSQUARE TECHNOLOGIES with a package of 4 LPA.

xiii.   One student of IV CSE was selected for Movate Technologies Pvt Ltd with a package of 3.75 LPA.

xiv.   Eleven students of IV CSE were selected for Tech Mahindra with a package of 3.2LPA.

xv.   One student of IV CSE was selected for Suthra Technologies with a package of 4.2 LPA.

xvi.   Twenty- Three students of IV CSE were selected for Interim with a package of 4.25LPA.

xvii.   Three students of IV CSE were selected for Interim with a package of 5.75 LPA.

xviii.   One student of IV CSE were selected for Interim with a package of 7.5 LPA.

xix.   Nine students of IV CSE were selected for HCL with a package of 3.25LPA.

xx.   Three students of IV CSE were selected for GenCNext with a package of 4 LPA.

BLINK YOUR EYES TO VISION THE WORLD

Just blink - and let the world reveal its wonders.

Technology - is using ideas and knowledge to achieve practical goals in a way that can be repeated. And *"Transformation of Technology"* encompasses its continual evolution, from humble beginnings to modern marvels, reshaping how we live, work, and connect globally.

In a nutshell, technology has dramatically transformed our world, revolutionizing everything from communication and transportation to healthcare and entertainment, ushering in a new era of interconnectedness and innovation. Thus we can say like :

"From steam to screen, our dreams are seen, and technology reigns as the unseen queen."

Here are some of the unleashing trends of Technology :

1. Communication

- **Past:** Communication evolved from smoke signals and carrier pigeons to the revolutionary telegraph and telephone in the 19th century.

- **Present:** Today, smartphones, the internet, and social media platforms enable instant global communication, with technologies like 5G enhancing connectivity and speeds.

2. Transportation

- **Past:** Early transportation methods included walking, horses, and simple boats; the 18th-century steam engine revolutionized travel and trade with trains and steamships.
- **Present:** Modern transportation includes advanced cars, electric vehicles, high-speed trains, and airplanes, with autonomous vehicles and commercial space travel emerging.

3. Medicine

- **Past:** Medical practices relied on rudimentary knowledge with treatments like herbal remedies and anesthesia-free surgeries; antibiotics and vaccines in the 20th century revolutionized healthcare.
- **Present:** Modern medicine features MRI, CT scans, minimally invasive surgery, personalized medicine, and CRISPR for gene editing.

4. Agriculture

- **Past:** Agriculture relied on manual labor and simple tools. The invention of machinery like the plow and tractor increased efficiency.
- **Present:** Modern agriculture uses precision farming techniques, drones, genetic engineering, and automated machinery to maximize yield and sustainability.

5. Education

- **Past:** Education was primarily classroom-based with limited access to resources. Libraries and printed books were the main sources of information.
- **Present:** E-learning platforms, online courses, and digital libraries have democratized access to education. Technologies like artificial intelligence are personalizing learning experiences.

"From old to new, as visions grew, technology shows what we can do."

Thus, *Transformation of technology* has completely changed how we live and work,

improving everything from how we communicate to how we travel and take care of our health, bringing about incredible advancements that shape our world today and in the future.

About the Author:

Hello folks!! I am *Ms. Phani Sirisha(22501A05J2) and Ms.P.Harshitha(22501A05E5).* An expert in writing articles, had published 2 poems in "Season of Eternal Love" with the help of **Thoughts hymn**. Am a zealous and passionate person who always wishes to explore more and learn from it. Lastly...

"Expect the unexpected because it's true to happen "...

THE BEAUTY OF DESIGN

Exploring the Fusion of Creativity and Technology - Shaping our Future.

Designing is an art and it plays a vital role in many aspects of our life. Including the design of - Home, Presentations, Websites etc.
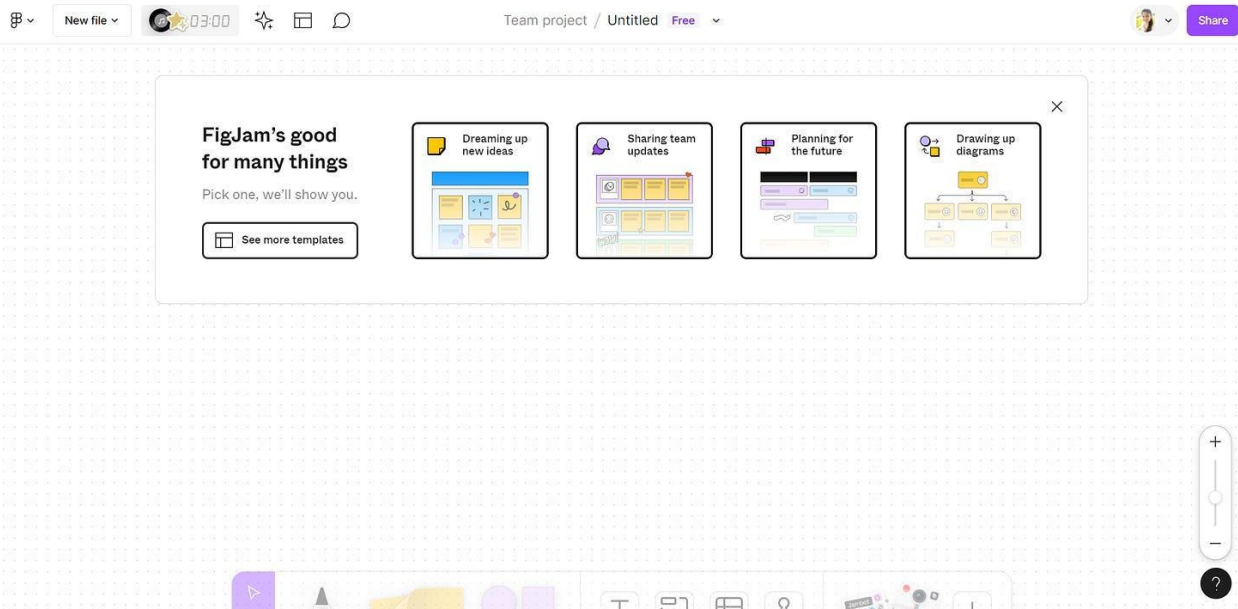

Design is more than aesthetics; it's about solving problems and enhancing usability. In technology, effective design creates seamless interactions between humans and machines, simplifying complex processes and improving accessibility.

Then, did you ever get the question of - how these designers design everything so beautifully?

Yes, it's because of the elegant "design tools" that we have today to make things easier than before. And one of the outstanding tools among these is - " *FIGMA* "

Figma is a cloud-based design tool used for user interface (UI) and user experience (UX) design, prototyping, and collaboration. Launched in **2016**, Figma has gained popularity among designers for its powerful features, real-time collaboration capabilities, and accessibility across different platforms.

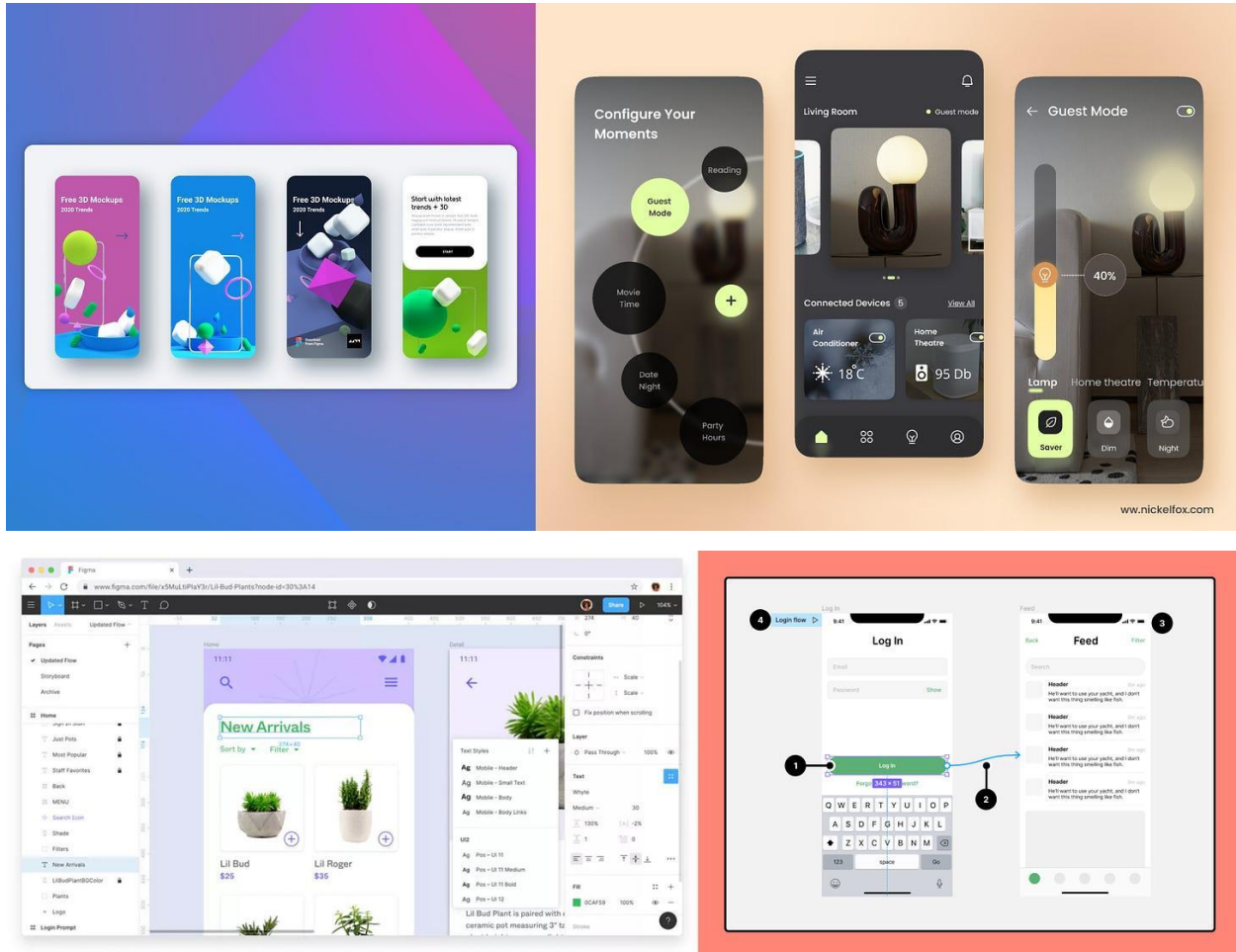FIGMA - logo and Workspace are too attractive to be blissed with editing tools.

The key features of FIGMA are:

● **Real-Time Collaboration:** Multiple users work together on a common workspace without any disturbances and can collaborate with each other with flexibility.

● **Cross-Platform Compatibility:** Figma runs entirely in the browser, making it accessible on various operating systems, including Windows, macOS, and Linux.

● **Vector Editing Tools:** Figma provides a comprehensive set of vector editing tools for creating and manipulating shapes, text, and images.

● **Prototyping and Interaction Design:** With Figma's prototyping features, designers can create interactive prototypes to simulate user interactions, flows.

● **Version History and Commenting:** Figma automatically saves version history, allowing designers to review and revert to previous versions of their designs.

Discover the driving forces behind the next wave of technological breakthroughs, to create

a challenging world around us

Here are some of the most amazing designs that we can make through "FIGMA" also, the process of designing is shown below.

Overall, Figma empowers designers to create, collaborate, and iterate on designs more efficiently and effectively. Its intuitive interface, robust feature set, and emphasis on collaboration make it a valuable tool for design teams of all sizes, from freelancers to enterprise-level organizations.

Mr.Ch.S.V.Hemanth (22501A0529) II B.Tech

Mr. N.Sampreeth Chowdary (22501A05D0) II B.Tech

Mr.V.V.S.Vignesh (22501A05J1) II B.Tech

CYBERSECURITY IN THE DIGITAL AGE: PROTECTING OUR FUTURE

As technology continues to advance, so do the threats to our digital security. Cybersecurity has become a critical focus for individuals and organizations alike, aiming to protect sensitive data and maintain trust in the digital ecosystem. With the proliferation of connected devices and the rise of cybercrime, the proverb **"An ounce of prevention is worth a pound of cure"** underscores the importance of proactive measures in safeguarding our online environments.

Effective cybersecurity strategies encompass a range of practices, including strong password management, regular software updates, and the use of encryption. Additionally, organizations must prioritize employee training to recognize phishing attempts and social engineering tactics. As we navigate an increasingly interconnected world, the saying **"Knowledge is the best defense"** highlights the need for ongoing education and awareness in the fight against cyber threats.

Looking ahead, the integration of artificial intelligence (AI) in cybersecurity offers promising solutions for detecting and responding to threats in real time. AI-driven systems can analyze vast amounts of data, identifying patterns and anomalies that may indicate a

security breach. However, as technology evolves, so do the tactics employed by cybercriminals. The proverb **"Stay one step ahead"** serves as a reminder that continuous adaptation.

Mr.G.Lokesh (22501A0547) II B.Tech

Ms. K.Sree Vidya (22501A0576) II B.Tech

Ms.Y.Anusha (22501A05J7) II B.Tech