PVPS**IT** NEWS

Volume: 31   **JULY: 2024**

best AI tools to use in 2024

ChatGPT - solves anything
Writesonic - Writes anything
Midjourney - Generates Art
Replit - Generates code
Synthesia - Generate videos
Soundraw - Generates music
Fliki - Generate TikToks
Starrytars - Generate Avatars
Slides AI - Generate PPTS
Remini - Edit pictures
Pictory - Edit videos
Wordtune - Summarize notes
Business PhotoAL - professional photos

GUEST LECTURES/WORKSHOPS CONDUCTED BY THE DEPARTMENT

i. A seminar on "ChatGPT, BARD, Gemini AI" on 03rd January, 2024 for the III B.Tech students of IT. Resource Person: Alumni of IT - Mrs. I. Pratyusha Teja, Sr. Engineering Manager, Google, Bengaluru.

ii. A guest lecture on "Higher Studies Opportunities in Foreign Universities" on 6th January, 2024. Resource Person: Mrs.N. Kiran Chowdary, Asst. Manager, Strategic Alliances.

iii. A guest lecture on "Engineering Horizons - Futuristic Opportunities and importance of AI tools" for the II and III B.Tech students of IT on 14th February, 2024. Resource Person: Mr.Promode Kumar, CEO, Lead PM, I&T Tools, Visakhapatnam.

iv. A guest lecture on "Thrust Areas of Computer Science and Global opportunities of Higher Education" on 20th February, 2024 in association with ISTE Student Chapter. Resource Person: Mr. Bala Veeramachineni, Professor at State University of New York, USA. Coordinators: Mr.P.Ravi Prakash and Mrs.K.Swaroopa Rani.

v. A two day workshop on "Building Modern Web Applications using Full Stack" on 01st and 02nd March, 2024 in association with ISTE. Resource Person: Mr. K Prudvi Raju, Senior Software Engineer, XEBIA, Hyderabad. Coordinators: Dr.G.Reshma and Mr.Ch.Praneeth.

vi. An industry oriented guest lecture on "Preparedness for Elite Job Opportunities" for the benefit of II and III B.Tech students of IT on 27th March, 2024. Resource Person: Ms D.Manasa, Senior Development Engineer2, Amazon, California, USA. Co-ordinator: Dr.D.Kavitha

vii.   A free certification value added course on "Frontend Technologies" for the benefit of II B.Tech students with a 40 hours duration course started from 10th February, 2024. Instructor: Mr. Ch. Praneeth.

viii.   A college level Techno Cultural event on "Make Your Reel-Bonds beyond Books" for all the students to emphasize the essence of healthy friendships among their peers on 23rd March, 2024. Coordinators: Dr.A.Haritha and Dr.K.Pavan Kumar.

ix.   An orientation session on "Opportunities for Higher Education and Entrepreneurship" for the benefit of II and III B.Tech students of IT on 27th March, 2024. Resource Person: Mr. Samuel, Overseas consultancy.

x.   One week Short Term Training Program on "Recent Trends in Information Technology" to both internal and external faculty from 01st to 06th April, 2024. Resource Persons: Dr E Suresh babu, Dept of CSE NIT Warangal, Dr S Somaraju NIT Patna and Mrs K. Naga Yogitha Project Lead, Symphonies Enterprise Solutions Ltd.

xi.   A two-week Faculty Development Program on "Data Science & Machine Learning" from 13th to 24th June, 2024. Resource Person: Mrs.D.Padmini, Sr.Software Engineer, DBS Technologies Pvt. Ltd, Hyderabad.

xii.   A guest lecture on "Awareness on AT & T Campus Recruitment Patterns" for IV B.Tech students on 28th June, 2024 in association with CSI. Resource Person: Alumni - Mr. D. Yaswanth, AT&T, Devops, and Hyderabad.

PAPERS PUBLISHED BY STAFF

i.   Ms.K. Sri Vijaya published a paper titled "Automated Seizure Detection Using Machine Learning Algorithm in Very Large Scale Integration" in *International Journal of Intelligent Systems and Applications in Engineering(IJISAE)* with the ISSN:2147-67992 Vol. 12 No. 7s (2024), pp.1-6, January, 2024.

ii.   Ms. K.Sri Vijaya published a paper titled "AOA based Masked Region-CNN model for Detection of Parking Space in IoT Environment" in *International Research Journal of Multidisciplinary Technovation*, Vol 6, Issue 1, pp.97-108 DOI: 10.54392/irjmt2418, January, 2024.

iii.   Mr. B.V.Satish Babu published a paper titled "BAB-SDMM: Blockchain Attribute Based Secure Data Management Model" in *IIETA, Ingénierie des Systèmes d'Information*, Vol. 29, No. 1, pp. 1-8. DOI: https://doi.org/10.18280/isi.290101.

iv.   Dr. Y.Padma published a paper titled "MRI Brain Tumor Analysis on Improved VGG-16 and Efficient NetB7 Models" in *Journal of Image and Graphics(JOIG)*,Volume:12, No.1, pp: 103-116, 2024, ISSN: 2301-3699.

v.   Dr.D. Kavitha published a paper titled "Outcome based Curriculum Development for Studio Courses: Data Mining an Example Course" in *Journal of Engineering Education Transformations,* DOI: 10.16920/jeet/2024/v37is2/24098, Vol:37, ISSN:2394-1707, pp.634-641, January, 2024.

vi. Dr. K.Pavan Kumar, Kundeti Naga Prasanthi, Dr. Sanjiv Rao Godla, Venubabu Rachapudi, Dr. Mohammed Saleh A Ansari, Prof. Ts. Dr. Yousef A.Baker El-Ebiary published a paper titled "Optimizing Network Security and Performance Through the Integration of Hybrid GAN-RNN Models in SDN-based Access Control and Traffic Engineering" in *International Journal of Advanced Computer Science and Applications*, Vol: 14, No.12, pp.596-606, ISSN:2156-5570, December 2023. (indexed in January).

vii. Dr Y. Suresh published a book chapter titled "Google Appstore Data Classification using ML based Naïve's Bayes Algorithm: A Review" in *Modern Approaches in Machine Learning and Cognitive Science: A Walkthrough, Studies in Computational Intelligence* 1117, Volume 4, pp:147-158, January 2024.

viii. Dr Y. Suresh published a book chapter titled "Accelerated Addition in Resistive Ram Array using Parallel-Friendly Majority Gates" in *Modern Approaches in Machine Learning and Cognitive Science: A Walkthrough, Studies in Computational Intelligence 1117*, Volume 4, pp: 111-119, January, 2024.

ix. Dr.V.Siva Parvathi published a book titled "Conversional Intelligence Unveiled Navigating Human Like Dialogues with NLP" publisher: Selfy Page Developers Pvt. Ltd ISBN: 978-93-5747-976-91, Feb, 2024

x. Mrs. V. Rashmi published a paper titled "Artificial Butterfly Optimizer Based Two-Layer Convolutional Neural Network with Polarized Attention Mechanism for Human Activity Recognition" in *Mathematical Modelling of Engineering Problems*, Vol.11, No.3, pp. 631-640, March 2024. DOI: https://doi.org/10.18280/mmep.110306

xi. Dr. K. Pavan Kumar and Dr.Y. Suresh pubished a paper titled "Ensemble Recognition Model with Optimal Training for Multimodal Biometric Authentication" in *Journal of Multimedia Tools &Applications,* Vol:83 pp.6347-6352 with DOI: https://doi.org/10.1007/s11042-024-18541-0 in March 2024.

xii. Dr.B. Tirapathi Reddy published a book chapter titled "Computational Intelligence–Based Image Classification for 3D Printing" in a text book "Computational Intelligence in Bio printing: Challenges and Future Directions" by Wiley Publishers. ISBN: 9781394204878, Pp 79-92, March 2024.

xiii. Dr. S. Sai Kumar, Ab. Nafisa Sultana, A.Veera Lavanya and Ch. Gayatri Ritika Sri published a paper titled "Impact of Covid-19 affected population all over India using Tableau Software" in *International Journal of Recent Engineering Research and Development*, Vol:9 Issue:2 pp:05-10, Mar-Apr 2024.

xiv. Ms. K. Srivijaya published a paper titled, "An approach for crop yield prediction using hybrid XGBoost, SVM and C4.5 classifier" in *Engineering and Applied Science Research*, Vol:5, No: 3, pp:300-312 ISSN: 2539- 6161, April 2024.

xv. Dr.J.Sirisha published a paper titled, "Onward and Autonomously: Expanding the Horizon of Image Segmentation for Self-Driving Cars through Machine Learning" in *Scalable Computing: Practice and Experience*, Vol: 25, Issue: 04, pp. 3163–3171, ISSN: 1895-1767, June- 2024.

xvi. Mr. I. M. V. Krishna published a paper titled "Enhancing Data Security: Employing Finite State Machines in a Steganography Encryption Scheme" in *International Journal of* TELEMATIQUE, Volume 23, Issue 1, ISSN: 1856-4194, January 2024.

xvii.   Dr. Y. Padma published a paper titled " Smart 5G Small Cell Mobile Networking with Sleep Strategy using Novel Swarm Optimization " in *Journal of Advances in Information Technology(JAIT)*, pp : 672-681 , Volume 15, Issue 05, 2024, ISSN : 1798-2340.

xviii.   Dr. Y.Padma published a paper titled "Advancements in Non-Linear Content-Based Image Retrieval (CBIR) Systems for Image Analysis" in Communications on Applied Nonlinear Analysis",Vol:31:No.2s(2024), ISSN:1074-133X, pp:253-265.

xix.   Veera Swamy P, Praneeth Cheraku, P Somaraju, Ramesh Babu P, P Nagababu and K Gopi published a paper titled, "High-Dimensional Data-Driven Pneumonia Diagnosis Using ANFIS" in *Journal of Theoretical and Applied Information Technology (JATIT)*, Vol:102, Issue:12, pp. 5044-5051 ISSN: 1992-8645, June, 2024

xx.   Ms. K. SriVijaya published a paper titled "Compare ML Models to Improve Twitter Fake News Discovery and Verification" in the proceedings of *International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS)* in *Conference Proceedings, IEEE*, Electronic ISBN: 979-8-3503-1706-0 Print on Demand (PoD) ISBN: 979-8-3503-1707-7 . DOI: 10.1109/ICCAMS60113.2023.10525839

xxi.   Mrs. D. Leela Dharani published a paper titled "Social Media Marketing using the AIML Algorithm" in the proceedings of *International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS)* in *Conference Proceedings, IEEE*, Electronic ISBN:979-8-3503-1706-0 (PoD) ISBN:979-8-3503-1707-7DOI: 10.1109/ICCAMS60113.2023.10525792.

xxii.   Mr. B.V.Satish Babu published a paper titled "Biometric-Based Access Control Systems with Robust Facial Recognition in IoT Environments" in the proceedings of *2024 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing, INCOS 2024*, pp.1-6 ISBN:979-8-3503-6118-6, DOI:10.1109/INCOS59338.2024.10527499.

xxiii.   Mr. B.V.Satish Babu published a paper titled "Enhancing Dermatological Diagnosis with Optimized Deep Learning Lenet Model" in the proceedings of *2024 International Conference on Advances in Data Engineering and Intelligent Computing Systems (ADICS)*, pp.1-6 ISBN: 979-8-3503-6482-8,DOI:10 10.1109/ADICS58448.2024.10533629, May 2024

xxiv.   Mr. D.Bharadwaja published a paper titled "Real Time Surveillance System using YOLOv8" in the proceedings of *International Conference on Innovation and Advances in Cognitive systems (ICIACS-2024)* in *Springer* pp.197-206, e-ISSN:3004-9598, DOI:https://www.springer.com/series/17396.

PAPERS PRESENTED IN CONFERENCES

i.   Dr. D. Kavitha attended and presented a paper titled "Outcome based Curriculum Development for Studio Courses: Data Mining an Example Course" in *International Conference on Transformations in Engineering Education (ICTIEE 2024)* organized at KLE Technological

University, Hubbali in association with Indo Universal Collaboration for Engineering Education from 2nd to 4th January, 2024.

ii. Dr. D. Kavitha presented a paper titled "Hybrid-Multi Channel Deep Neural Network for Fake News Detection" in *International Conference Communication, Electronics and Digital Technologies (NICEDT 2024)* organized at National Institute of Electronics and Information Technology (NIELIT), Guwahati, Assam, India on 16th and 17th February, 2024.

iii. Mr. Ch. Praneeth, Deekshita C S, Ranga Guru Gowry Nandan Karthik C, A Mahesh, Vamsi Sai Krishna B presented a paper titled "Revolutionizing Attendance Management In Organizations Through Real-Time Face Recognition & AI Integration" in *National Conference on Artificial Intelligence, Bio-Medical Signal Processing, Computing and Data Communication Systems" (NCABCD-2024)* organized by Department of Electronics and Communication Engineering, School of Engineering Mohan Babu University, Tirupathi on 3rd and 4th April, 2024.

iv. Mr. Ch. Chandra Mohan presented a paper titled "Prediction of Physico-Chemical Characteristics of Groundwater using Machine Learning Model" in a *Web of Science International Conference on Computational Innovations and Emerging Trends (ICCIET 2K24)* organized by Department of Computer Science and Engineering and Allied branches, BVC Engineering College, Odalarevu on 4th and 5th April, 2024.

v. Mr. B. V. Satish Babu presented a paper titled "Enhanced Dermatological Diagnosis with Optimized Deep Learning Lenet Model" in *IEEE International Conference on the Advances in Data Engineering and Intelligent Computing System-2024* organized by Department of CSE, Hindustan Institute of Technology and Science University, Chennai, from 16th to 18th April, 2024.

vi. Dr. K. Pavan Kumar presented a paper titled "Unveiling Age and Gender Detection using Face Id" in *Hinweis Second International Conference on Advances in Information, Telecommunication and Computing - AITC* organized by *Hinweis*, Mumbai on 27th and 28th April, 2024.

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED BY STAFF

i. Dr. B. Tirapathi Reddy participated in a one week online Faculty Development Program on "Outcome Based Education and Essential AI Tools for Teachers", organized by the Internal Quality Assurance Cell (IQAC) of St. Thomas College, Palai in association with The Kerala State of Higher Education Council (KSHEC) from 10th to 16th January, 2024

ii. Mr. Ch. Praneeth participated in a 7-day Online International Faculty Development Program on "Latest Trend and Techniques in Software Engineering: An Industry Perspective", organized by the Department of Computer Science, CHRIST (Deemed to be University), Central Campus, Bangalore, Karnataka, India from 20th to 27th January, 2024.

iii. Dr. J. Sirisha participated in an International Faculty Development Program on "Emerging Technologies in Computer Science" conducted by Department of CSE, Easwari Engineering College, Ramapuram, Chennai – 89 from 22nd to 27th January, 2024.

iv. Dr. A. Haritha, Dr. J.Sirisha and Dr. G.Lakshmi participated in a one week online Faculty Development Program on "Empowering Educators: AI Tools for Engineering and Technology, (AITET-2024)" organized by Chaitanya Bharathi Institute of Technology, Hyderabad from 29th January to 2nd February, 2024.

v. Dr. D. Kavitha, Mrs. D. Leela Dharani and Mrs. K.Swarupa Rani participated in a one week Faculty Development Program on "AI/ML and Data Science for Industry 4.O (Intermediate Level)" organized by Computer Science and Engineering Department, NITTTR Chandigarh at NITTTR Chandigarh from 29th January to 2nd February, 2024.

vi. Dr S.Sai Kumar participated in a three-day online workshop on "Quantum Computing and Data Analytics using Python" organized by Department of Information Security and Department of Database Systems, Vellore Institute of Technology, Vellore from 07th to 09th February, 2024.

vii. Dr. A. Haritha, Dr.J.Sirisha and Dr Y.Padma participated in a three-day workshop on "Latex for Professional Writing" organized by School of Electrical Engineering (SELECT), Vellore Institute of Technology(VIT), Vellore, from 12th to 14th February, 2024.

viii. Dr. A. Haritha and Dr. G.Lakshmi attended a webinar on "Fireside Chat with Entrepreneur/Venture Capitalist Vinod Khosla" organized by ACM Tech Talks on 13th February, 2024.

ix. Mrs. V. Rashmi attended a guest lecture on "Generative AI and the Future" organized by Chicago State University, Chicago on 17th February, 2024.

x. Mr. B.V.Satish Babu, Mrs. P. Rajya Lakshmi and Mr. D.Bharadwaja participated in a one week Faculty Development Program on "Data Science using Python" organized by Andhra Loyola Institute of Engineering and technology in collaboration with NITTTR, 19th to 23rd February, 2024.

xi. Mrs. V. Rashmi participated in an International online workshop on "Containers and OpenShift" organised by IPSR solutions limited and Valin - UK, USA and Canada on 28th February, 2024.

xii. Dr. B. V. Subba Rao participated in a National Workshop on "High Performance Computing in Engineering Applications (HPCEA)" organised by Department of Electrical Engineering and Department of Computer Science and Engineering, National Institute of Technology, Warangal sponsored by NSM-DST from 28th February to 3rd March 2024.

xiii. Dr V Sivaparvathi participated in an 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 26th February to 1st March, 2024.

xiv. Mrs. V. Rashmi participated in a National Faculty Development Program on "Deep Learning and Artificial Intelligence" organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd from 26th February to 1st March, 2024.

xv. Dr J.Sirisha, Dr Y Padma, Mrs. V. Rashmi and Mr. I.M.V.Krishna participated in a workshop titled "The Digital Leap in Learning: GENAI Tools for Academic Empowerment" organized by the Research & Development Cell in association with IQAC on 02nd March, 2024.

xvi.	Dr. D. Kavitha, Mr. B.V.Satish Babu and Mr. D. Bharadwaja attended five-days Faculty Development Program on "Modern and Innovative Tools in Engineering Education" organized by Dept. of Computer Science & Engineering and Dept. of Artificial Intelligence & Data Science, Techno College of Engineering, Agartalain in association with Computer Society of India from 4th to 8th March, 2024.
xvii.	Mrs. D. Leela Dharani and Mrs. K.Swarupa Rani participated in a National Faculty Development Program on "Data Analytics using Power BI and Tableau" organized by Faculty of IT and CS -Parul University - Gujarat, Atria Institute of Technology- Karnataka & Amity Pune – Maharashtra in Collaboration with ExcelREdtech Pvt. Ltd from 11th to 15th March 2024.
xviii.	Dr Y Suresh participated in a State Level one-day workshop on "Academic Bank of Credits: Procedures, Processes and Compliances" organized by Andhra Pradesh State Council of Higher Education, in association with JNTUK Kakinada on 11th March, 2024.
xix.	Ch.Praneeth participated in a one week Online Faculty Development Program on "Cognitive Computing for Smart Applications", organized by Department of Artificial Intelligence and Data Science, Vishwakarma Institute of Information Technology, Pune, India from 18th to 22nd March, 2024.
xx.	Mrs. V. Rashmi participated in a 3-day workshop on "Whole Person Education for Faculty in Higher Education" organized by The Teaching Learning Enhancement Cell (TLEC) & Center for Education Beyond Curriculum (CEDBC), Christ (Deemed to be University), Bangalore Central Campus on 20th March (online) and 26th to 27th March, 2024 (offline).
xxi.	Dr J.Sirisha, Dr Y Padma and Mrs. K. Swarupa Rani attended a guest lecture on "Agriculture Latest Innovations and Natural farming Products" organized by IQAC and Mechanical department of PVPSIT on 30th March, 2024.
xxii.	Dr. S.Sai Kumar and Mr. B. V. Satish Babu attended a two- day conference on AIDAYS-2024 organized by Swecha Telangana at JNTU Hyderabad during 30th and 31st March, 2024
xxiii.	All 23 faculty of IT Department participated in a one week Short Term Training Program on "Recent Trends in Information Technology" organized by Department of Information Technology, PVP Siddhartha Institute of Technology from 01st to 06th April, 2024.
xxiv.	Dr. G. Reshma participated in an online course titled "CSR project cycle Management" organized by Navjivan Centre for Development (NCD), Gujarat from 18th to 20th April, 2024.
xxv.	Ms. K. Sri Vijaya participated in two week online Faculty Development Program on "INDUSTRY4.0/5.0" organized by Department of Mechanical Engineering, PVP Siddhartha Institute of Technology, Vijayawada from 15th to 27th April, 2024.
xxvi.	Mrs. P. Rajya Lakshmi attended one week online Faculty Development Program on "Designing the Future: Cloud Computing for Innovative Solutions" organized by Department of Information Technology, Sri Vishnu Engineering College for Women, Bhimavaram from 20th to 25th May, 2024.
xxvii.	Mrs. D. Leela Dharani and Mrs.K.Swarupa Rani and Dr.K.Pavan Kumar participated in One Week National Level Online Faculty Development Program on "Generative AI Models and

xxviii. Applications of Machine Learning" organized by the Department of Computer Science & Engineering at Shri Vishnu Engineering College for Women(A) from 21st to 25th May, 2024.

xxviii. Dr. B.V.Subba Rao, Dr. A. Haritha, Dr. Y. Suresh, Dr. K. Pavan Kumar, Dr. S Sai Kumar, Dr. G. Reshma, Dr. J. Sirisha, Ms.K.Sri Vijaya, Dr. G. Lakshmi, Mr. P.Ravi Prakash, Dr. Y. Padma, Mrs. K. Swarupa Rani, Mrs. D. Leela Dharani, Mr.Ch.Praneeth, Mrs. V. Rashmi, Mr. I. M. V. Krishna, Mr. Ch. Chandra Mohan, Mr. D. Bharadwaja, Mrs. P. Rajya Lakshmi, Dr. V. Siva Parvathi, Mr. B.V. Satish Babu participated in Two Week FDP on "Data Science & Machine Learning" organized by Department of Information Technology, PVPSIT, Kanuru, Vijayawada from 13th to 24th June, 2024.

xxix. Mrs. K. Swarupa Rani and D. Leela Dharani participated in 5 Days Online Faculty Development Program on "Deep Learning and It's Applications" organized by department of Computer Science & Engineering, Lakireddy Bali Reddy College of Engineering (A), Mylavaram, Andhra Pradesh from 10th June to 14th June 2024.

xxx. Mr. B.V.Satish Babu participated in the AICTE recognized One Week faculty development programme on "Curriculum Design for Outcome Based Education" conducted by Curriculum Development Centre Department from 03rd to 07th June, 2024 at NITTTR, Chandigarh

xxxi. Mrs. D.Leela Dharani participated in an online workshop on "Data Analytics & AI" organized by Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut in association with IPSR solutions limited on 15th June, 2024.

xxxii. Dr. Y.Suresh received NPTEL-AICTE FDP certificate for successfully completing 12 week online course "Data Analytics with Python" organized by NPTEL-AICTE for the session from January 2024 to April 2024

xxxiii. Dr. Y. Padma successfully completed a 12- week Faculty Development Programme on "Privacy & Security in Online Social Media" organized by NPTEL-AICTE, for the session from January 2024 to April 2024

FACULTY ACHIEVEMENTS

i. Mr.B.V.Satish Babu qualified UGC NET "Assistant Professor" December 2023 session conducted National Testing Agency.

ii. Dr Y.Suresh received certificate of appreciation from NPTEL SWAYAM for being recognized as NPTEL DISCIPLINE STAR during the period Jan - Apr 2024 in Computer Science and Engineering.

iii. Dr. V Sivaparvathi received the "FEMME TIMES Super Women Educator" award on 27th January, 2024. An article titled "Forging Frontiers: The Academic Odyssey of Dr. V Sivaparvathi" was published.

iv. Dr J. Sirisha got certificate of appreciation for contributing towards peer-review process and evaluating submissions as a Reviewer for International Conference on Social and Sustainable Innovations in Technology and Engineering Sponsored by IEEE Vizag Bay Section held from

23rd to 25th February 2024 at Sasi Institute of Technology & Engineering, Thadepalligudem, Andhra Pradesh.

v.   Dr. V Sivaparvathi received "International Most Prominent Researcher" award from International Congress for Research Excellence(ICRE), Trichy, Tamil Nadu on 16th March, 2024 for specialization in Machine Learning

vi.   Dr. B. V. Subba Rao received "Bharat Educational Excellence Award (BEEA 2024)" at Andhra University, Vishakapatnam on 20th April, 2024.

<div align="center">

FACULTY PARTICIPATION

</div>

i.   Dr.BV Subba Rao and Dr. D. Kavitha delivered guest lectures in two-day Faculty Development Program on "How AI will impact Software Engineering" organized by Computer Science and Engineering Department, NRI Institute of Technology, Agiripalli on 2nd and 3rd February, 2024.

ii.   Dr. A. Haritha coordinated Elocution competition on the eve of National Startup Day conducted by Institution Innovation Council on 11th January 2024.

iii.   Dr. A. Haritha acted as coordinator for Workshop on "How to transition from jobseeker mindset to Job creator mindset" for all B.Tech students conducted by Institution Innovation Council on 9th January 2024

iv.   Dr. D. Kavitha attended as a Jury member in the state level AVISHKAR student innovation competition organized by Bharatiya Vignana Mandali and Science City of Andhra Pradesh with the support of DST ITDD scheme at KL University on 16th and 17th March, 2024.

vii.   Dr. A. Haritha acted as a judge for IDEATHON organized by department of ECE, PVPSIT under SITAR-2K24 on 6th March 2024.

viii.   Dr. K. Pavan Kumar acted as a Session Chair for the conference "International Conference on Artificial Intelligence and Its Emerging Areas 2K24 [NECICAIEA2K24]", Organized by Department of Computer Science and Engineering, CSE (Artificial Intelligence), Information Technology, CSE(AI&ML), CSE (Data Science), CSE (Cyber Security) and MCA, Narasaraopeta Engineering College (Autonomous), Narasaraopet, Guntur on 12th and 13th April, 2024.

ix.   Mr. B.V.Satish Babu acted as editorial board member and PART-6 Series Editor for the book titled "Futuristic Trends in Blockchain Applications", Volume 3, Book 1, 2024, IIP Series, E-ISBN: 978-93-6252-632-8

x.   Dr. YSuresh and Mr. Ch. Praneeth successfully completed a 12 weeks NPTEL SWAYAM course on "Data Analytics with Python" from January 2024 to April 2024.

xi.   Dr. Y.Padma completed a course titled, "Privacy & Security in Online Social Media" authorized by NPTEL-AICTE from January 2024 to April 2024.

xii.   Mrs. D. Leela Dharani completed "Citizen Data Science using Python Certification" and "Generative models for developers" in Infosys Spring Board in January - February, 2024.

xiii. Mrs. K. Swarupa Rani completed "Introduction to Artificial Intelligence" in Infosys Spring Board on January 29, 2024.

xiv. Mr. B.V.Satish Babu completed a course on "Microsite Creation on Infosys" in Infosys Spring Board in May, 2024.

xv. Dr.J.Sirisha completed a course on "Introduction to Artificial Intelligence" in Infosys springboard platform in June, 2024.

xvi. Mrs. K. Swarupa Rani completed a course on "Python for Data Science" in Infosys Spring Board on June 28, 2024.

xvii. Mr. B.V. Satish Babu completed a course on "Introduction to Data Science" in Infosys Spring Board platform in June, 2024.

xviii. Mr. B.V. Satish Babu completed a course on "Introduction to Artificial Intelligence" in Infosys Spring Board platform in June, 2024.

xix. Mrs. V. Rashmi completed a course on "Architecting Cloud Computing Solutions on Microsoft Azure", "DevOps with Azure" and **"Hands-On Cloud Native Development with Kubernetes"** in Infosys Spring Board in June, 2024.

SPONSORED R&D AND CONSULTANCY ACTIVITIES

i. Mr.B.V.Satish Babu submitted his Ph.D thesis titled "Multi-Granular Attribute-Based Blockchain Framework For Dynamic Access Control And Protection Of Digital Data" in Computer Science and Engineering Department of Jawaharlal Nehru Technological University, Hyderabad on 15th February, 2024

ii. Mr.B.V. Satish Babu published a patent titled "An Unified Data access Revocation Management Leveraging Blockchain and Auxiliary Trees" on 19.01.2024, Application number: 202341088616, IPRIndia.

iii. Mr. B. V. Satish Babu published a patent titled "Context-Aware, Multi-Granular And Block Chain Based Dynamic Data Protection Framework" on 19.01.2024, Application number:202341088625, IPR India.

iv. Dr. B. V. Subba Rao obtained a patent grant on "Drainage Overflow Monitoring System and a Method for the Same" with patent number 506703 from Intellectual Property, India titled on 02/02/2024.

v. Dr. G.Lakshmi published a patent titled "Automated Smoke Detection Alarm using Arduino" in the field of Electronics in Office of the Controller General of Patent, Designs and Trade Marks Department for Promotion of Industry and Internal Trade Ministry of Commerce and Industry, Government of India with the application number:, dated February, 2024.

vi. Dr A. Haritha obtained a patent grant on "Reinforcement Structure for Preventing Tearing of the Auricular Lobule with patent number 525364 from Intellectual Property, India titled on 14th March 2024.

vii.   Dr. J. Sirisha published a patent titled "Automated Moisture Monitoring and Watering System for Residential Gardens" with application number: 202441027019 dated 05-04-2024 at Intellectual Property Rights, Government of India.

viii.   Dr.B.V. Subba Rao and Dr. S. Sai Kumar published a patent titled "Comparisons of a Generalized Search Engine with Semantic Search Engine" on 14.06.2024, IPR India.

ix.   Dr.G.Reshma Published a patent titled "Autonomous Vehicle Navigation System using Advanced Machine Learning Techniques" with application Number: 202441047239 at Intellectual Property Rights, Government of India on 28th June 2024.

x.   Mrs.V. Rashmi, Mr. P. Ravi Prakash published a patent titled "Lumina Clear An Advanced Shadow Removal System" with application number: 202441041661 at Intellectual Property Rights, Government of India on 7th June 2024

STUDENT ACHIEVEMENTS

a) Publications:

i.   V.Navyasri (20501A12C2), N.Haveela Theresa(20501A1280), P.Sai Sathvika (20501A12A0) and Mr.I.M.V.Krishna published a paper titled "Unmasking Deceptive Profile in Social Network using Machine Learning" in International Journal of Scientific Research in Engineering and Management, Volume 8, Issue. 3, pp. 1-7, ISSN: 2582-3930, March-2024.

ii.   S. Salomey Blessy(20501A12A8), N. Asritha(20501A1285), M. Sai Babu(21505A1207), and Mrs.P. Rajya Lakshmi published a paper titled "Precision Agriculture Decision Support Using Machine Learning" in International Journal of Scientific Research in Engineering and Management, Volume. 8, Issue. 3, pp. 1-5, ISSN: 2582-3930, March 2024.

iii.   T.Kalasri(22501A12B5), Y.Rupa sri(22501A12D1),Mrs. Leela Dharani published a paper titled "Data Visualization of different categories of universities in each district of Andhra Pradesh" in International Journal of Recent Engineering Research and Development, Volume 9, issue 2, pp.95-109, ISSN:2455-8756, March-April 2024.

iv.   K.L.Janardhan(22501A1261), M.Greeshma(22501A1267), Y.B.V.V. Malathi (22501A12C7) and Mr. P.Ravi Prakash published a paper titled "Data Visualization of rainfall in different districts of Andhra Pradesh" in Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, Volume 11, Issue 4, pp. 332-336, April 2024.

v.   N.L.SriLasya(22501A1280), P.NehaSri(22501A1290), P.Sravya(22501A1291) and Mr. B.V.Satish Babu published a paper titled "Data Visualization of emergency hospitals operational around the clock in andhra pradesh" in Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, Vol 11 issue 5, May 2024,ISSN: 2349-5162.pp 549-543.

vi.   T.Kavya(22501A12B7), V.P.V.N.Sri Harshini(22501A12C6), SK.Neha(22501A12A6) and Mr CH Praneeth published a paper titled "Data Visualization of three major crop yields in different districts of Andhra Pradesh" in Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162,vol 11, issue 5, pp 537-541, May 2024.

vii. M. Harika, M. Prabhu Dasu, N. Sai Harshitha, M. Prem Chandu and Dr. J. Sirisha published a paper titled "Lung Cancer Prediction Through Deep Learning" in International Journal of Scientific Research In Engineering And Management (IJSREM), Vol. 8, Issue. 4, pp. 1-5, ISSN: 2582-3930, April 2024.

viii. B. Krishna Priyanka, B. Jahnavi, G. Jyothsna Devi, G. Kundana and Dr. J. Sirisha published a paper titled, "Assessing DDoS Detection Accuracy through Semi-Supervised Techniques" in International Journal Of Scientific Research In Engineering and Management (IJSREM), Vol. 8, Issue. 3, pp. 1-5, ISSN: 2582-3930, March 2024

b) Co-curricular Activities:

i. Ch. Dhanya Sri (21501A1222) of III Year has participated in the regional meet, IIC held on 06/01/2024 at Koneru Lakshmiah Education Foundation,Vijayawada.

ii. P. Dinesh (21501A1230) of III Year has participated in Two day National Fest organized by NRI Institute Of technology held on 05/01/2024 to 06/01/2024.

iii. D. Barath Kumar (21501A1231) of III Year has participated in "Mandal Level Games of AUDAM Andhra" organized by Adudam Andhra held in Tripurathakam Mandal from 10/01/2024 to 22/01/2024.

iv. M. Dev Karan (21501A1273), FD. Fardeen Faisal(21501A1277), P. Jithendra Kumar(21501A1292), T. Ajith(21501A12B8) participated in "National youth Day" on 11/01/2024 organized by MBA Department, PVPSIT, Vijayawada.

v. A total of 19 students participated in Quiz competition, "National youth Day" on 11/01/2024 organized by MBA Department, PVPSIT, Vijayawada.

vi. K.Deepak Kumar(20501A1260) and N.Uma Pavan(20501A1281) of III Year has secured 2nd prize in coding contest of AFOSEC 2k24 organized by VR Siddhartha Engineering College during 28/02/2024 to 29/02/2024.

vii. A total of 30 students from III Year participated in the "CIS'SOIREE" organized by CISA of RVR & JC College of Engineering during 15/02/2024 to 16/02/2024.

viii. A total of 53 students from III Year participated in the "QUIZ week" conducted by PVPSIT, Student Council during 24/02/2024

ix. A total of 5 students from II Year participated in the "QUIZ week" conducted by PVPSIT, Student Council during 24/02/2024

x. A total of 15 students from III Year participated in the AFOSEC 2k24 organized by VR Siddhartha Engineering College during 28/02/2024 to 29/02/2024.

xi. MD. Afreen Fathima (21501A1276) of III year won "Academic Prize" in the Annual day event organized by PVPSIT, Vijayawada during 16/03/2024.

xii. K. Deepak Kumar(21501A1260) of III year won III prize in the event "Who is the KGF? (Coding Competition)" organized by LBRCE, Mylavaram during 01/03/2024.

xiii. M. Goutham (21501A1270), N. Uma Pavan (21501A1281), R. Shanmukha (21501A1292) won I prize in the event "Quiz, NOVUM 2k24" organized by Chalapathi Institute of Technology, Guntur during 15/03/2024 to 16/03/2024.

xiv. PSVS Avinash(21501A1285) of III year won I prize in the event "State Level Avishkaar Student innovation competition" organized by BVM, Science City of AP,KL university during 16/03/2024 To 17/03/2024.

xv. K.Harika Naga Sai(22501A1237) of II year won I prize in the event "Ganna, SITAR 2k24" organized by PVPSIT, Vijayawada during 06/03/2024.

xvi. T.Mrudula(22501A12B6) of II year won III prize in the event "JAM, SITAR 2k24" organized by PVPSIT, Vijayawada during 06/03/2024.

xvii. K.Deepak Kumar(21501A1260) of III year won I prize in the event "Coding, SITAR 2k24" organized by PVPSIT, Vijayawada during 06/03/2024.

xviii. D.Karthik (21501A1233) of III year won III prize in the event "Coding, SITAR 2k24" organized by PVPSIT, Vijayawada during 06/03/2024.

xix. Y.Leela Devi (21501A12C6) of III year won III prize in the event "General Quiz, SITAR 2k24" organized by PVPSIT, Vijayawada during 06/03/2024

c) Extra-curricular Activities:

i. III Year student D.Nithin(20501A1284) won 1st prize(Medal) and cash prize of 1500/- in Chess, UDGHOSH 2k24 organized by Chalapathi Institute of Technology, Guntur on 24th February, 2024.

ii. III Year students K.Deepak Kumar(20501A1260 and N.Uma Pavan(20501A1281) won 1st prize in coding contest of CIS'SOIREE 2k24 organized by CISA, RVR & JC College of Engineering during 15th to 16th February, 2024.

iii. III Year student D.Nithin(20501A1284) won 2nd prize in Chess competition, ESWAR FEST 2k24 organized by Eswar College of Engineering from 23rd to 24th February, 2024.

iv. III Year student Kamal Deepak(21501A1291) participated in the college JNTUK Men's Cricket team for Central Zone. This event was organized in DVR & Dr.Himasekhar MIC College of technology during 16/02/2024 to 26/02/2024.

v. M.Ram Mohan Rao(21501A1280) and B.Hemanth Nayak(21501A1215) of III Year participated in the college Shuttle Badminton(Men's) team for the event Eswar College of Engineering Sports Fest 2k24 organized by Eswar College of Engineering, Guntur during 23/02/2024 to 24/02/2024.

vi. D.Nithin(21501A1284) and M.Goutham(21501A1270) of III Year participated in the college Chess team for the event Eswar College of Engineering Sports Fest 2k24 organized by Eswar College of Engineering, Guntur during 23/02/2024 to 24/02/2024.

vii. D.Bharath Kumar(20501A1231) of III Year participated in college Kho-Kho Men's team for the event in UDGHOSH 2k24 organized by Chalapathi Institute of Technology, Guntur during 24/02/2024.

viii. M.Prem Chandu(20501A1279) of IV Year and D.Bharath Kumar(20501A1231) of III Year participated in college Volley Ball Men's team for the event in VITOPIA 2024 organized by VIT,AP university during 15/02/2024 to 17/02/2024.

ix. Rishik Chitta(21501A1227), G.Abhilash(21501A1243), G.V. Sai Kiran(21501A1244), Chandu(21501A1252), 21501A1281(21501A1281) of III participated in the event "Who is KGF?(Coding Competition)" organized by Lakireddy Bali Reddy College of Engineering during 01/03/2024.

x. K.Ganga Bhavani (21501A1261) of III Year participated in the event "Explorer's Meet 2k24" organized by SRK Institute of technology during 06/03/2024 & 07/03/2024.

xi. P.Kamal Deepak (21501A1291) of III Year participated in the event "Code Quiz NOVUM 2k24" organized by Chalapathi Institute of technology during 15/03/2024 & 16/03/2024.

xii. Ch.Dhanya Sri(21501A1222) of III Year participated in the event "Essay Writing, International women's day 2k24" organized by PVPSIT, Vijayawada during 05/03/2024

xiii. M.Divya Sri(22501A1272), N.L.Sri Lasya(22501A1280), P.Neha Sri(22501A1290), P.Sarvya(22501A1291), P.Hema Latha(23505A1207) of II year participated in different event of SITAR 2k24 organized by PVPSIT, Vijayawada during 06/03/2024

xiv. A total of 32 students of III year participated in different events of SITAR 2k24 organized by PVPSIT, Vijayawada during 06/03/2024.

d) Coursera/NPTEL Details of the students:

i. II B.Tech student Chitroju Devendra Chakrieswar (22501A1220) from IT obtained Elite + Silver (79%) Top 2% in 12 weeks NPTEL online course on "Programming in JAVA" for the duration of Jan to Apr session of 2024.

ii. II B.Tech student Avula Dinesh (22501A1207) obtained Elite + Silver (77%) Top 5% in 12 weeks NPTEL online course on "Programming in JAVA" for the duration of Jan to Apr session of 2024.

iii. II B.Tech student Manasa Nagireddy (22501A1279) obtained Elite + Silver (76%) Top 5% in 12 weeks NPTEL online course on "Programming in JAVA" for the duration of Jan to Apr session of 2024.

iv. II B.Tech student Tammu Harika (22501A12B4) obtained Elite + Silver (75%) Top 5% in 12 weeks NPTEL online course on "Programming in JAVA" for the duration of Jan to Apr session of 2024.

v. II B.Tech student Vankayala Jabili (22501A12C2) obtained Elite + Silver (77%) Top 5% in 12 weeks NPTEL online course on "Programming in JAVA" for the duration of Jan to Apr 2024.

vi. Six students from III year completed 12 weeks NPTEL online course on "Data Analytics with Python" for the duration of January to April session of 2024.

vii. One student from II year completed 12 weeks NPTEL online course on "Introduction to Internet of Things" for the duration of January to April session of 2024.

viii. Five students from III year completed 12 weeks NPTEL online course on "Introduction to Machine Learning" for the duration of January to April session of 2024.

ix. 44 students from II year completed 12 weeks NPTEL online course on "Problem Solving Through Programming In C" for the duration of January to April session of 2024.

x. 20 students from III year completed 12 weeks NPTEL online course on "Programming in Java" for the duration of January to April session of 2024.

xi. 17 students from III year completed 8 weeks NPTEL online course on "Data Base Management System" for the duration of January to March session of 2024.

xii. Three students from II year completed 8 weeks NPTEL online course on "Data Mining" for the duration of January to March session of 2024.

xiii. 89 students from II Year IT completed " Programming Using C++ " course in Infosys Springboard Platform in February month.

xiv. 50 students from II B. Tech completed "Basics of Python" course in Infosys Springboard Platform during Feb - April months.

xv. 12 students from III Year IT completed "Java Programming Fundamentals " course in Infosys Springboard Platform during January- February months.

xvi. Three students from III Year IT completed "Introduction to Natural Language Processing" course in Infosys Springboard Platform in February .

xvii. Three students from III Year IT completed "Introduction to Deep Learning" course in Infosys Springboard Platform in February .

xviii. 14 students from III B. Tech completed "JavaScriptSpecialist" course in Infosys Springboard Platform during Feb - April months.

xix. 13 students from III B. Tech completed "ReactJS" course in Infosys Springboard Platform during Feb - March months

xx. Six students from III B. Tech completed "Python Foundation Certification" in Infosys Springboard Platform during Feb - March months.

xxi. Seven students from III B. Tech completed "Artificial Intelligence Foundation Certification" in Infosys Springboard Platform in February month

e) Internships:

i. One Student from IV BTech completed internship in "AT & T Communication Services India Pvt.Ltd." from 17-01-2024 to 16-06-2024 with stipend Rs.45,356 /-

ii. Two Students from IV BTech completed internship in "Future Skill Internship" from 22-01-2024 to 31-04-2024 with stipend Rs.12,000 /-.

iii. One Student from IV BTech completed internship offered by "Business Development Associate" from 17-01-2024 to 26-07-2024 with stipend Rs.10,000 /-.

iv. One Student from IV BTech completed internship offered by "ByteXL" from 10-02-2024 to 30-06-2024 with stipend Rs.60,000 /-.

v. 43 students from IV B.Tech completed "Java Full Stack Internship" offered by Kodnest form March to April 2024.

vi. 52 students from IV B.Tech completed "Data Science Internship" offered by Data Valley form March to April 2024.

vii. 21 students from IV B.Tech completed "Cloud Computing Internship" offered by Data Valley form February to April 2024.

viii. 15 students from IV B.Tech completed "Artificial Intelligence Internship" offered by Data Valley form February to May 2024.

ix. 9 students from IV B.Tech completed "Cloud and Devops Internship" offered by Data Valley form Feb to May 2024.

x. 76 students from III B.Tech and 43 students from II B.Tech completed "Cyber Security" virtual Internship offered by AICTE Eduskills from Jan to March, 2024.

xi. 17 students from III B.Tech and 66 students from II B.Tech completed "AI-ML" virtual Internship offered by AICTE Eduskills from Jan to March, 2024.

xii. 21 students from III B.Tech and 17 students from II B.Tech completed "AWS Cloud" virtual Internship offered by AICTE Eduskills from Jan to March, 2024.

xiii. 12 students from III B.Tech and 23 students from II B.Tech completed "Cyber Security" virtual Internship offered by AICTE Eduskills from Apr to June, 2024.

xiv. 11 students from III B.Tech and 13 students from II B.Tech completed "AI-ML" virtual Internship offered by AICTE Eduskills from Apr to June, 2024.

xv. 03 students from III B.Tech and 12 students from II B.Tech completed "AWS Cloud" virtual Internship offered by AICTE Eduskills from Apr to June, 2024

f) Higher Education:

i. Two students from IV B.Tech qualified in IELTS, one student qualified in GRE three students qualified in TOEFL and three students qualified in DULINGO for the period of Jan to June, 2024.

PLACEMENTS

A total of 115 students bagged 155 offers for the academic year 2023-24.

S.No	Name	Roll No	Company	Salary	No. of offers
1	ABDUL AZEEZ	20501A1201	Accenture	4.50 LPA	1
2	AJJADA MAHESH	20501A1202	Accenture	4.50 LPA	2
3	AMRUTHALURI KARTHIK	20501A1203	Teachnook	4.00 LPA	3
4	BAMMIDI JAHNAVI	20501A1204	Accenture	4.50 LPA	4
5	POSANI BHAVANA	20501A1205	Accenture	4.50 LPA	5
6	BHAVANA VAMSI SAI KRISHNA	20501A1206	Academor	4.50 LPA	6
7	HEMA LAKSHMI SRAVANI BHAVARAJU	20501A1207	Accenture	4.50 LPA	7
8	Bhimisetty Praneetha	20501A1208	Teachnook	4.00 LPA	8
9	BOYAPATI N EESHANI	20501A1210	Accenture	4.50 LPA	9
			Acmegrade	4.00 LPA	10
10	BRAHMANI NALLAPATI	20501A1211	Accenture	4.50 LPA	11
11	BURAGADDA SAI KRISHNA ATHUL	20501A1212	TCS(DIGITAL)	7.00LPA	12
			CTS (Gen C)	4.00 LPA	13
12	CHAKRAVADHANULA S DEEKSHITA	20501A1213	Capgemini	7.50 LPA	14
			Accenture-AASE	6.50 LPA	15
13	CHALLA AAKASH	20501A1214	Tech Mahindra	3.25 LPA	16
			Skillwinner	3.60 LPA	17
14	CHALLA VENKATESH	20501A1215	Skillwinner	3.60 LPA	18
15	RANGA GURU GOWRY NANDAN KARTHIK CHEETIRALA	20501A1216	TCS DIGITAL	7LPA	19
			HCL	3.25 LPA	20
16	CHERUKURI EEKSHITHA	20501A1217	Accenture	4.50 LPA	21
17	CHINNAYENUGU LAKSHMI SWAROOPA	20501A1219	Capgemini	4.25LPA	22
			Tech Mahindra	3.25 LPA	23
			Technologics	4.00 LPA	24
18	DASARI RASMITHA	20501A1220	Accenture	4.50 LPA	25
19	DEEPTHI PAJJURU	20501A1221	Tech Mahindra	3.25 LPA	26
			Rinex Technologies Pvt. Ltd	5.20 LPA	27
20	DEVANABOINA LAKSHMI SIDNHU	20501A1222	Teachnook	4.00 LPA	28
21	DHANEKULA YASWANTH	20501A1223	AT&T	16 LPA	29
22	DIGUMARTHI DIVYA SREE	20501A1224	Acmegrade	4.00 LPA	30
23	YASASWI EDUPUGANTI	20501A1226	Accenture	4.50 LPA	31
24	BHAVYASRI GAJULA	20501A1227	Tech Mahindra	3.25 LPA	32
			HCL	3.25 LPA	33
25	GANTA BHANU CHANDRA	20501A1228	MSSQUARE TECHNOLOGIES	4.00 LPA	34
26	Garnepudi Rishitha	20501A1229	Teachnook	4.00 LPA	35
27	GONGATI KIRAN	20501A1230	Skillwinner	3.60 LPA	36
28	GOPISETTI KUMARA VENKATA SAI DEEP	20501A1231	Academor	4.50 LPA	37

29	Gorli Bhargav Raja	20501A1232	Rinex Technologies Pvt. Ltd	5.20 LPA	38
			Teachnook	4.00 LPA	39
30	Gosu Vyshnavi	20501A1233	Rinex Technologies Pvt. Ltd	5.20 LPA	40
			Teachnook	4.00 LPA	41
31	KUNDANA GUDAVALLI	20501A1234	HCL	3.25 LPA	42
32	NIVEDITA GUDAVALLI	20501A1235	Capgemini	4.25 LPA	43
			Hexaware Technologies	4.00 LPA	44
33	GUDURU JYOTHSNA DEVI	20501A1236	Acmegrade	4.00 LPA	45
			Movate Technologies Pvt Ltd	3.75 LPA	46
34	Gulam Mohammad Shazit Shaziya	20501A1238	Teachnook	4.00 LPA	47
35	GUTTA LALITHYA	20501A1239	Rhys Solutions Pvt. Ltd.	7.00 LPA	48
36	HIMAKANTHI MATTA	20501A1240	HCL	3.25 LPA	49
			Skillwinner	3.60 LPA	50
37	HOTRI SRI SAI CHAGARLAMUDI	20501A1241	Accenture	4.50 LPA	51
38	JAKKA SINDHU SAI ESWARI	20501A1242	Accenture	4.50 LPA	52
			Capgemini	4.25 LPA	53
39	JANJANAM LIKHITHA	20501A1243	Accenture-AASE	6.50 LPA	54
40	JONNADULA LASYA	20501A1245	Accenture	4.50 LPA	55
41	KAKARLA INDU MATHI	20501A1246	Accenture	4.50 LPA	56
			Technologics	4.00 LPA	57
42	KALLEPALLI HIMA PRIYA	20501A1248	HCL	3.25 LPA	58
43	KALLEPALLI USHA RANI	20501A1249	Capgemini	4.25 LPA	59
			Skillwinner	3.60 LPA	60
44	Harshini Kanakamedala	20501A1250	Teachnook	4.00 LPA	61
45	KANDRA SUPRIYA	20501A1251	AvaIntern	4.00 LPA	62
			Skillwinner	3.60 LPA	63
46	NAVYA SRI KANKANALA	20501A1252	Accenture	4.50 LPA	64
47	KARUMURI JAHNAVI SUSHMA	20501A1253	HCL	3.25 LPA	65
			Skillwinner	3.60 LPA	66
48	KATAMNENI NANDA KISHORE	20501A1254	Academor	4.50 LPA	67
49	KESINENI NIKITHA CHOWDARY	20501A1255	Accenture	4.50 LPA	68
50	ADITYA KOGANTI	20501A1256	RAYTEX IT SERVICES	5.00LPA	69
			Acmegrade	4.00 LPA	70
51	KOGANTI MANIKANTA SATYA CHOWDARY	20501A1257	TCS (Ninja)	3.50 LPA	71
			Skillwinner	3.60 LPA	72
52	KONDA MANASA	20501A1258	Capgemini	5.75 LPA	73
			AvaIntern	4.00 LPA	74
53	KORRAPATI YASASWINI	20501A1260	Academor	4.50 LPA	75
54	KRISHNA PRIYANKA BATTHINA	20501A1261	Accenture	4.50 LPA	76
55	KUNAPULI BHARADWAJ	20501A1262	TCS (Digital)	7.00 LPA	77
			Accenture	4.50 LPA	78
56	Kurapati Srivalli	20501A1263	Rinex Technologies Pvt. Ltd	5.20 LPA	79

57	LANKIREDDY SAI TARUN REDDY	20501A1264	Accenture	4.50 LPA	80
58	LOHITHA KONIDENA	20501A1265	Accenture	4.50 LPA	81
59	SAI RAM MADALA	20501A1266	Accenture-AASE	6.50 LPA	82
60	MADDINENI NAGA LAKSHMI MOHITHA	20501A1267	Academor	4.50 LPA	83
61	MAGAPU RAJYALAKSHMI	20501A1268	Accenture	4.50 LPA	84
62	MALLELA PRABHUDASU	20501A1269	Skillwinner	3.60 LPA	85
63	AMRUTHA VALLI MANDE	20501A1270	Accenture	4.50 LPA	86
64	MAREPALLI SAI SRI ADITHYA	20501A1272	Accenture	4.50 LPA	87
65	CHAITANYA MARTHALA	20501A1273	Accenture	4.50 LPA	88
			Capgemini	4.25 LPA	89
66	HARIKA MIDATANI	20501A1274	Accenture	4.50 LPA	90
67	MIZBA FATHIMA MIRZA	20501A1275	Accenture	4.50 LPA	91
68	MOHAMMAD RABIYA BASRI	20501A1276	Accenture	4.50 LPA	92
69	MOHAMMED SHOAIB SARFARAAZ ALAM	20501A1277	AvaIntern	4.00 LPA	93
70	HAVEELA THERESA NAGATHOTA	20501A1280	Accenture	4.50 LPA	94
71	NALAMALAPU KAVYA	20501A1281	Capgemini	7.5 LPA	95
			Accenture	4.50 LPA	96
72	NALLURI SAI HARSHITHA	20501a1282	Rinex Technologies Pvt. Ltd	5.20 LPA	97
73	NAMBURI BALU	20501A1283	Academor	4.50 LPA	98
74	NANDAM LIKHITHA	20501a1284	Rinex Technologies Pvt. Ltd	5.20 LPA	99
75	Naru.Asritha	20501A1285	Teachnook	4.00 LPA	100
76	PALA SAIDURGA	20501A1290	ACCENTURE	4.50LPA	101
			Tech Mahindra	3.25 LPA	102
			HCL	3.25 LPA	103
77	PALLEKONDA KEERTHANA	20501A1291	Skillwinner	3.60 LPA	104
78	PENNERU RISHITHA	20501A1292	Academor	4.50 LPA	105
79	PENNERU SRI NITHI	20501A1293	Accenture-AASE	6.50 LPA	106
			Capgemini	4.25 LPA	107
80	PERLA DHAARINI	20501A1294	Capgemini	4.25 LPA	108
			KJ Systems India Pvt. Ltd.	4.20 LPA	109
			Acmegrade	4.00 LPA	110
81	perla venkata sai likhitha	20501A1295	Teachnook	4.00 LPA	111
82	PIDIKITI PAVAN GOPI CHAND	20501A1296	TCS (Digital)	7.20 LPA	112
			Accenture	4.50 LPA	113
83	PONNAGANTI HARIKA	20501A1297	Accenture	4.50 LPA	114
84	PRATTIPATI RAHUL SUNNY	20501A1298	Skillwinner	3.60 LPA	115
85	MANOHARI SATAGOPAM	20501A12A1	Accenture	4.50 LPA	116
86	SATHUPATI VARUN	20501A12A2	Academor	4.50 LPA	117
87	Shaik Ishrath Fathima	20501A12A4	RK Info Systems	6.00 LPA	118
88	SHAIK JUBER	20501a12a5	Rinex Technologies Pvt. Ltd	5.20 LPA	119
89	SHRAVANI VASA	20501A12A6	Accenture	4.50 LPA	120
90	SIGATAPU SAI SANKAR	20501a12a7	Rinex Technologies Pvt. Ltd	5.20 LPA	121
91	SINGAMPALLI SALOMEY BLESSY	20501A12A8	Hexaware Technologies	4.00 LPA	122

92	SIRI CHALIKONDA	20501A12A9	Academor	4.50 LPA	123
93	SIVANI PALADUGU	20501A12B0	Accenture	4.50 LPA	124
94	SUGGULA VENKATA POORNA SAI SWARUPA KAVYA	20501A12B2	TCS(DIGITAL)	7.00LPA	125
			Accenture	4.50 LPA	126
			Capgemini	4.25 LPA	127
			TCS (Ninja)	3.50 LPA	128
95	PUVVADA SUJAN CHOWDARY	20501A12B3	Accenture	4.50 LPA	129
96	SURAPANENI SAHITHI	20501A12B4	Rinex Technologies Pvt. Ltd	5.20 LPA	130
			Capgemini	4.25 LPA	131
97	TARAKATURI NAVEEN	20501A12B7	Rinex Technologies Pvt. Ltd	5.20 LPA	132
98	VALA RAKSHITA	20501A12B9	Capgemini	4.25 LPA	133
			Technologics	4.00 LPA	134
99	SUJITH VANKAYALAPATI	20501A12C0	TCS (Digital)	7.00 LPA	135
			Accenture	4.50 LPA	136
100	VEJENDLA YASWANTH	20501A12C1	Academor	4.50 LPA	137
101	VEMAVARAPU NAVYASRI	20501A12C2	Capgemini	4.25 LPA	138
			Tech Mahindra	3.25 LPA	139
102	VENIGALLA NAVYA PADMA SRI	20501A12C3	Skillwinner	3.60 LPA	140
103	Venkata naga janardhan konasani	20501A12C4	Teachnook	4.00 LPA	141
104	VIJAYA SANJANA EDUPUGANTI	20501A12C5	Accenture	4.50 LPA	142
105	VUYYURU CHANDANA	20501A12C6	Accenture	4.50 LPA	143
106	YENIGALLA SREYESH	20501A12C8	Accenture	4.50 LPA	144
107	ANNE NAMESWARARAO	21505A1201	Teachnook	4.00 LPA	145
108	CHEBROLU KRISHNA VAMSI	21505A1203	Academor	4.50 LPA	146
109	GUDIMETLA VINAY SAI	21505A1204	CTS (Gen C)	4.00 LPA	147
			Skillwinner	3.60 LPA	148
110	KRISTIPATI SUPRIYA	21505A1205	Byte XL	7.20 LPA	149
			Academor	4.50 LPA	150
111	Mallisetty Meghana	21505A1206	Teachnook	4.00 LPA	151
112	METLA SAIBABU	21505A1207	MSSQUARE TECHNOLOGIES	4.00 LPA	152
113	PATNANA BHAVANI	21505A1209	Skillwinner	3.60 LPA	153
114	SONGA BHARGAVI	21505A1210	AvaIntern	4.00 LPA	154
115	UBBAPALLI SANGEETHA	21505A1212	Skillwinner	3.60 LPA	155

i.   Department of IT organized an industrial visit for III Year B.Tech students and visited ISRO, Kanyes Technologies and RAC from 18th to 23rd January, 2024. A total of 88 students participated and Ms. K. Sri Vijaya, Mr. P. Ravi Prakash, Mr. Ch. Praneeth and Mrs. D. Leela Dharani accompanied.

ii. Department of Information Technology of PVPSIT entered in an MOU with I &T Labs, Visakhapatnam on 01st February, 2024.

iii. As part of "AI for Telugu" students of II B.Tech of IT Dept in association with Swecha have built an open source Telugu Voice Corpus where the dataset hence built shall be made Free and Open for anyone to use, thus helping anyone to build their own native telugu language speaking AI on 21st February, 2024.

iv. Department of Information Technology conducted Parents meeting on 23rd March 2024.

v.   Cultural Club of Department of IT organized a college level Techno Cultural event for students "MAKE YOUR REEL-Bonds Beyond Books" to emphasize the essence of healthy friendships among their peers on 23rd March 2024.Coordinators: Dr.A.Haritha & Dr. K. Pavan Kumar.

vi. Ms. K.SriVijaya engaged students in doing Flipped classroom activity in March 2024. This frees up class time for active learning. Students can solve problems, discuss ideas, and get hands-on with the material, leading to deeper understanding and better retention.

vii. Department of Information Technology conducted BOS meeting on 22nd June, 2024.

CHAT BOTS

A chat bot is a computer program that simulates human conversation with an end user. Not all chat bots are equipped with artificial intelligence (AI), but modern chat bots increasingly use conversational AI techniques such as natural language processing (NLP) to understand user questions and automate responses to them.

Generative AI-powered Chat bots:
The next generation of chat bots with generative AI capabilities will offer even more enhanced functionality with their understanding of common language and complex queries, their ability to adapt to a user's style of conversation and use of empathy when answering users' questions.

Chat bot interfaces with generative AI can recognize, summarize, translate, predict and create content in response to a user's query without the need for human interaction.

Chat bot technology is now commonplace, found everywhere from smart speakers at home and consumer-facing instances of SMS, WhatsApp and Facebook Messenger, to workplace messaging applications including Slack. The latest evolution of AI chat bots, often referred to as "intelligent virtual assistants" or "virtual agents," can not only understand free-flowing conversation through use of sophisticated language models, but even automate relevant tasks. Alongside well-known consumer-facing intelligent virtual assistants—such as Apple's Siri, Amazon Alexa, Google's Gemini and OpenAI's Chat GPT.

Artificial intelligence can also be a powerful tool for developing conversational marketing strategies. AI chat bots are available to deliver customer care 24/7 and can discover insights into your customer's engagement and buying patterns to drive more compelling conversations, and deliver more consistent and personalized digital experiences across your web and messaging channels.

AI chat bots are chat bots that employ a variety of AI technologies, from machine learning—comprised of algorithms, features, and data sets—that optimize responses over time, to natural language processing (NLP) and natural language understanding (NLU) that accurately interpret user questions and match them to specific intents. Deep learning capabilities enable AI chat bots to become more accurate over time, which in turn enables humans to interact with AI chat bots in a more natural, free-flowing way without being misunderstood.

Virtual agents are a further evolution of AI chat bot software that not only use conversational AI to conduct dialogue and deep learning to self-improve over time, but often pair those AI technologies with robotic process automation (RPA) in a single interface to act directly upon the user's intent without further human intervention.

Chat Bots Use Cases:

- Timely, always-on assistance for customer service or human resource issues.
- Personalized recommendations in an e-commerce context.
- Promoting products and services with chat bot marketing.
- Defining of fields within forms and financial applications.
- In taking and appointment scheduling for healthcare offices.
- Automated reminders to for time- or location-based tasks.
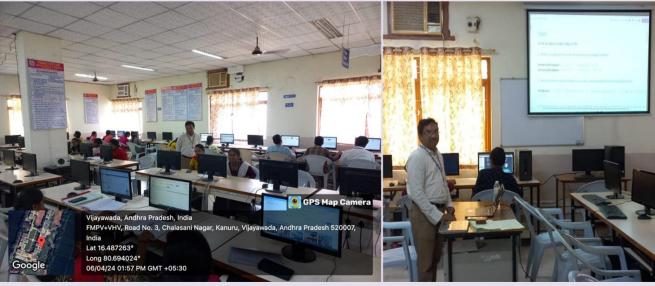
AVLavanya(22501A1208)
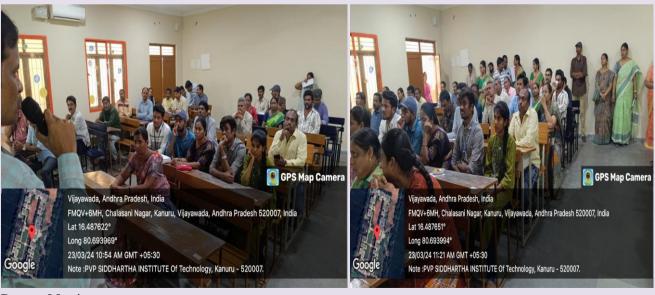
Guest Lectures

Workshops

Value Added Course – "Frontend Technologies by Mr.Ch.Praneeth

Industrial Visit from 18-01-24 to 23-01-24

Parents Meeting

Fresher's Day Celebrations

Farewell Day Celebrations

Congratulations!
PLACED IN
AT&T
A.Y 2023-24
D.YASWANTH
20501A1223
16
Lakhs Per Annum

P PAVAN GOPI CHAND
20501A1296

TATA
tcs digital
TATA CONSULTANCY SERVICES
7.2
Lakhs Per Annum
A.Y-2023-24

Congratulations
CH S DEEKSHITA
20501A1213
J LIKHITHA
20501A1243
M SAIRAM
20501A1266
P SRINITHI
20501A1293

accenture
6.5
Lakhs Per Annum
A.Y 2023-24

RK INFO SYSTEMS
INNOVATION IS WHAT WE ARE
SK. ISHRATH FATHIMA
20501A12A4
6
Lakhs Per Annum

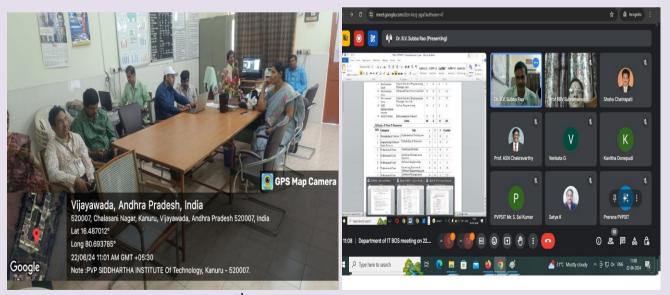**High Package students of 2023-24**

NPTEL TOPPERS

Guest Lecture by Industry Person on Preparedness for Elite Job Opportunities

Smart India Hackathon 2023 Grand Finale by IV year students at IES College of Technology, Madhya Pradesh, Bhopal.

Board of Studies Meeting on 22ⁿᵈ June