Department of CSE

Achievements from July 2020 to June 2021

Department Achievements

❖ CSE Dept. got approval from management to apply for nodal center of Smart India Hackathon.

❖ AICTE (All India Council for Technical Education) Scheme for promoting interests on Creativity and Ethics among students (SPICES), CSI student chapter of CSE Dept. was provisionally recommended for 1 Lakh fund on 18.01.2021.


❖ International Conference ICACECS 2020 held on August 2020 whose Second volume” Machine Learning Technologies and Applications-Proceedings of ICACECS 2020” released publications proceedings on 17.03.2021

Faculty Achievements

1. Dr. Rajasekhar, Professor of CSE Dept. recorded 33 video lectures on Applied Data Science with Python

2. Mr. N. Sandeep Chaitanya, Asst. Prof., CSE Dept. date of filing of patent 20-07-2020 on “Cloud Computing Information Sharing System in Real Time” is under Review

3. Mr. N. Sandeep Chaitanya, Mr. CHEKURI SRI SUMANTH Asst. Prof., CSE Dept. date of filing of patent 29/06/2020 on “ABIE VOTING SYSTEM –Aadhar and Block Chain Intelligent Electronic Voting System”

4. Dr. A. Kousar Nikhath, Associate Professor is elected as Professional member of the Institute For Engineering Research And Publication. From 17-04-2020 to 31-12-2020

5. Dr. S.Kranthi kumar, Dr. B.V. Kiranmayee, Dr. S.Nagini, Dr. Chalumuru Suresh, V.Baby, K.Jhansi Lakshmi Bai,Mr. Sravani Nalluri, Dr.A.Kousar Nikhath, P.Radhika, Motupalli Ravikanth, Venkata Naga raju thatha published patent “CRITICAL PATIENTS’ MONITORING DEVICE: CRITICAL PATIENTS’ MONITORING USING MACHINE LEARNING FEATURE SELECTION TECHNIQUE” on 12-06-2020

6. Dr. B.V.Kiranmayee, Assoc. Prof.,CSE Dept. has got Best Paper award for the paper “Smart Wireless Black Box with Intelligent Facial Recognition System for Prevention of Accidents and Theft of Vehicles Using Raspberry Pi Along with Sensors Based on IoTual Information and Regularized RBF-SVM” in ICACECS, Organized by Department of CSE, VNRVJET on 13th, 14th Aug 2020.
7. Mrs. A. Madhavi Got best paper award in the e-conference ICACECS-2020 held in Aug 2020, organized by VNRVJET for the paper title "Real Time Credit Card Fraud Detection using Spark Framework"

8. Dr. Y. Sagar, Assoc. Prof., CSE Dept. has got the Best Paper award for the paper "Image Fusion using LUKR in Multi Modal Authentication" in ICACECS, organized by department of CSE, VNRVJET on 13th, 14th Aug 2020

9. Dr. P.V. Shiva Kumar, Associate Professor CSE got certificate of appreciation from CLNLP 2020 for acting as a "Prestigious Editorial Board Member and Technical Committee of CLNLP 2020, South Korea for reviewing papers on 31st July 2020"


11. Mrs. K. Jhansi Lakshmi Bai, Asst.Prof., CSE and Mr. M. Venkata Krishna Rao, Asst.Prof., CSE got the admission for Part time Ph.D Programme in GITAM UNIVERSITY.


14. CP & DT organized FDP on Design Thinking conducted by SRKR Engineering college, AP during August 24th to 28th of 2020 under the leadership of Prof. N. Sandhya, CSE Dept., and the team received honorarium of Rs. 37,500 for the consultancy activity.

15. Dr. A. Kousar Nikhath Associate professor, acted as a resource person for the International Conference ICACECS-2020, organized by the Department of CSE.


17. Dr. Bramhananda Reddy - Asst. Prof.-CSE, Dr. Subhash P - Asst. Prof.-CSE published patent on 02.09.2020 title "AUTOMATED REAL-TIME REAL-TIME DRIVING BEHAVIOURAL MODELLING ANALYSIS REPORTING IN DENSER TRAFFIC USING DATA MINING" on field of invention is Data Mining with application number 2020101738

18. Dr. G. Ramesh Chandra, Prof., CSE Dept., Dr. P. Subhash, Assoc. Prof., CSE Dept. project grants sanctioned title "Design and Development of prototype for secure weapon shooting information system" on 10.07.2020 amount sanctioned Rs. 9.96 Lakhs duration of 18 months.

19. Dr. A. Brahmananda Reddy, Assoc. Prof., CSE Dept., Dr. A. Kousar Nikath, Asst. Prof., CSE Dept., Mr. G.S. Ramesh, Asst. Prof., CSE Dept. awarded certificate as JUDGE for exceptional contribution as judge and making "Smart India Hackathon 2020"
20. Mr. N Sandeep chaitanya, Asst. Prof., CSE Dept., and Mr. Chekuri Sri Sumanth, Asst. Prof., CSE Dept. published patent whose application number 202021027657 and title “ABIE-VOTING SYSTEM: AADHAAR AND BLOCKCHAIN INTELLIGENT ELECTRONIC VOTING SYSTEM” field of invention as Block Chain on 16.10.2020

21. Mr. N Sandeep chaitanya, Asst. Prof., CSE Dept., published patent whose application number 202041044040 and title “HOTSPOT PREDICTION SYSTEM FOR COVID-19 PANDEMIC” field of invention as on IOT on 16.10.2020

22. Mr. P Venkateswara Rao, Assistant Professor, CSE Dept. participated and successfully completed Post graduate Diploma in Machine Learning and Artificial Intelligence in the duration December 2019-August 2020 under EMERITUS Institute of Management.

23. Dr. A.Kousar Nikhath, Dr. S. Nagini, Mrs. Vasavi, Dr. S. Vasundhara published a book chapter for the article titled “ Road Traffic Counting and Analysis using Video processing” in Intelligent system design Book, “Springer series” from 08.09.2020

24. Dr. A.Kousar Nikhath, N.V.Sailaja, R.Vasavi, R. Vijaya Saraswathi published book chapter for the article “SCP Design of situated cognitive processing model to assist learning centric approach for Higher Education in smart classrooms” in intelligent system design Book, Springer series from 08.09.2020

25. Dr. G. Ramesh Chandra, Professor, CSE Dept. elevated as “ACM Senior Member” on 06.11.2020

26. Dr.Deepak Sukheja, Associate.Prof., Dr.G.Ramesh chandra Prof., Dr.N.Sandhya, Associate. Prof, Dr.B.V.Kiranmayee,Associate Prof., Mr.Ramesh Reddy,Asst. Prof. published Patent of Title “ Sheltered Driving System for Automotive vehicles for streamlined operation on roads with adherence to extant rules and regulations” field of Invention is Automobile and Electronics publication on 13-11-2020

27. Mr.K.Venkata Ramana-Assistant Prof., CSE Dept. published Patent with Applicant names Dr.G.Venkata Rami Reddy(Prof.Dr.G.Karuna-Prof.,Mr.A.Nianjan.Dr.A.V,Krishna Prasad-Associate Prof.,Mr.K.Venkata Ramana-Assistant Prof_CSE with Application number 202041047669 whose Title” ISDN-OBJECT DETECTION SYSTEM: INTELLIGENT OBJECT DETECTION SYSTEM WITH IMAGE CLASSIFICATION AND DEEP NEURAL NETWORKS “ published on 13-11-2020

28. Dr.N.Sandhya, Professor, CSE, VNRVJIET act as PI for Project Title “ Sustainable Handholding And Knowledge Transfer Initiatives SHAKTI Through Women Technology Park SEED Division and WOMEN TECHNOLOGY PARK scheme of File Number DST/SEED/WTP/2020/25 with 3 years of duration amount of Rs.12191467, NOV 2020

29. Dr. C. kiran Mai, Professor, CSE Dept., Dr. S. Nagini, Assoc. Prof., CSE Dept., Dr. P. Neelakantan, Professor, CSE Dept., published patent on 11.12.2020, application number 202041051970 with title “ASP: CRIME SITE ANALYSIS: AUTOMATIC METHOD AND PROCESS OF PERFORMING CRIME SITE ANALYSIS AND MANAGEMENT SYSTEM” field of invention on COMMUNICATION.

30. Dr. Deepak Sukeja, Prof., CSE Dept., (PI) and Dr. Y. Sagar (CO-PI) has submitted AICTE -RPS proposal titled “Design and Develop Intelligent Hybrid Deep Learning System to identify and classify kidney disease” amount of Rs. 9,70,615 with application Number 1-9334980792 on 31.12.2020

31. Dr.B.V. Kiranmayee, Assoc. Prof., CSE Dept., (PI) and Mr. Venkateswara Rao(CO-PI) has
submitted AICTE-RPS proposal titled “Masked Face Recognition system with minimal features using Deep Learning approaches for secure authentication in biometric systems” amount of Rs. 1,654,448 with application number 1-9331338924 on 30.12.2020

32. Dr. Alpuri Kousar Nikhath, Asst. Prof., acted as PI and Dr. B Kiranmayee, Assoc. Prof & Head of CSE Dept. as Co-PI and Dr. Brahmananda AnnapuReddy, Assoc. Prof., CSE Dept as Co-PI for the project proposal “ Development of predictive model for endocrine disorders during Menopause transition period through deep learning approach for rural population in southern states” POWER Grant Scheme in Electrical Electronics & Computer Engineering(Engineering Sciences) Research area having 36 months duration with an amount of Rs. 29,87,700

33. Prof. C. Kiranmai, CSE Dept., acted as PI and Mr. P. Venkateswara Rao, Asst. Prof., CSE Dept acted as Co-PI for the project proposal “Upskilling and Development of Real Time and Societal Applications in the domain of Data Science” AICTE-Modrobs Scheme of 24 months duration with an amount of Rs. 19, 46, 450/-

34. Dr. M. Raja Sekar , Prof. in CSE Dept. received appreciation certificate for being recognized as NPTEL DISCIPLINE STAR DEC 2020

35. Mr. N Sandeep Chaitanya, Dr.P V Siva Kumar , Mr M Ravi Kanth, Mr.Ch. Sri Sumanth , Dr P Subhash, Dr Srinivas Kanakala, Mr Gnana Prakash Thuraka, Ms. A Aruna Kumari Ms. Pabba Prasanna CSE Dept, filed Patent “AWS-Cloud Data Performance Increased using Machine Programming” in the Cloud Computing field of invention date of filing on 19.02.2021

36. Dr.Deepak sukheja , Prof., CSE Dept, Dr.S. nagini, Dr.G.Ramesh Chandra,SomavarpulJahnivi, Tejaswipotluri in CSE Dept. filed Patent ”User Friendly billing system for smart governance” date of filing on 17 Feb 2021.


39. Dr. D. N. Vasundhara completed her viva voce of Ph.D on 23.03.2021

40. Mr. N.Sandeep Chaitanya, Prof.S.Ramachandram, Dr.P V Siva Kumar, Mr. M.Ravi Kanth, Mr.Ch. Sri Sumanth, Dr.P.Subhash, Dr.Srinivas Kanakala, Mr. GnanaPrakash Thuraka, Ms. A Aruna Kumari, Ms. Pabba Prasanna published Patent title “AWS-CLOUD DATA PERFORMANCE INCREASED USING MACHINE PROGRAMING” on 26.02.2021 with Application Number 202141006923A and Applicant Name “Valluripalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology” mail id in record as sandeepchaitany_n@vrnijet.in

41. Dr. S. Nagini, Mrs. Somavarapu Jahnavi, Dr. G. Ramesh Chandra, Dr. Deepak Sukheja, Mrs. Tejaswi Potluri published Patent title “TRANSPARENT AND USER FRIENDLY BILLING SYSTEM, METHOD AND PROCESS TOWARDS SMART GOVERNANCE” on 26.02.2021 with Application Number 202141006551A and Applicant Name” Valluripalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology” mail id in record as nagini_s@vrnijet.in
42. Dr. Deepak Sukheja, Assoc. Prof., CSE Dept., published Research Article “Analysis of Sentiment based movie reviews using machine learning techniques” - IOS Press SCI Indexed on 27.03.2021.

43. Dr. B.V Kiranmayee was appointed as Faculty Advisor in ExCom for IEEE Computer Society in April 2021.

44. Dr. P.V Siva Kumar, Assoc. Prof., CSE Dept. organized International Conference on Recent challenges in Engineering science and Technology (ICRCEST 2K21), ECE Dept., Ramachandra College of Engineering, Eluru, Andhra Pradesh held on 09th April 2021 and 10th April 2021.

45. Dr. M. Raja Sekar, Prof., CSE Dept., VNRVJIET acted as Co-PI for project and PI of the project Dr. D. Santhosh Kumar, Asst. Prof., ECE Dept., VNRVJIET for the applied project whose title “Statistical Dynamic Noise Estimation and compressed sensing based signal detection in atmospheric rader” funding agency ISRO of grant total amount 1500000 submitted on 17th March 2021.


47. Dr. A. Kousar Nikhath, Assoc. Prof. CSE Dept., as a Peer Reviewer of The 7th International Conference on Fuzzy Systems and Data Mining (FSDM2021) to be held in Seoul, South Korea during 26-29 October 2021.

48. Dr. P.V Siva Kumar, Assoc. Prof., CSE Dept. elected as MC member for CSI Hyderabad chapter on 30.04.2021.

49. Dr. S Nagini, Professor, CSE Dept. appointed as the Program Organizing Chair for Internet Society of India Hyderabad Chapter an International Organization with committee members Dr. B. V Kiranmayee, Prof., CSE Dept., Mrs. V. Baby, Assoc. Prof., CSE Dept., Mr. N. Sandeep Chaitanya, Asst. Prof., CSE Dept. on 30.04.2021.


52. Mrs. V. BABY, Dr. S. NAGINI, K. JHANSI LAKSMI BAI, Dr. SAGAR YERUVA, G. YASHWANTH, B. JANAKI RAM, A. RIKHILA, Dr. D. N.VASUNDHARA, N. V. SAILAJA, A. MADHAVI of CSE Dept., VNRVJIET published Patent with Application Number 202141020965 in the field of AI topic “VIRTUAL MOM RESPONSIVE BABY MONITORING TOY “on 11/06/2021.

53. Dr. A. Harsha Vardhan, CSE Dept., VNRVJIET, Mr. Binu Kuria Kose Vargis, Dr. Kamal Upreti, Mr. Philson Manorcad, Mr. Vivek Garg, Mr. Basil Paul, Dr. Chaitanya P. Agrawal, Dr. Sanjgeta Arora published patent of Application number 202111024369 in field of Network Security title “A Honeypot Based Network Security System” on 11/06/2021.

54. SADULA SUDESHNA, Asst. Prof., CSE Dept., VNRVJIET, Mr. Binu Kuria Kose Vargis, Dr. Kamal Upreti, Mr. Philson Manorcad, Mr. Vivek Garg, Mr. Basil Paul, Dr. Chaitanya P. Agrawal, Dr. Sanjgeta Arora published patent of Application number 202111024369 in field of Network Security title “An AI Based Framework for Realizing a Human Emotion Recognition System” on 08.06.2021.
Students Achievements:

1. II-B. Tech.-CSE A student Yashwanth 19071A0552) delivered a webinar as Resource Person on “Phishing Attacks” on 01-08-2020 under Cyber Jagrithi

2. IV-B.Tech. CSE student Vinuthna (2016-20) had completed 6 months internship in Amazon and got offered full time employment with 23 LPA.

3. IV-B. Tech.- CSE A students G.Kovid, K.Harisha, K.Rohith Reddy, U.Priya Bhavana (17071A0525 , 17071A0537, 17071A05C0) won the CFG Hackthon conducted by NGO, JPMC on 09-08-2020 and rewarded Ipad7 and received the full time employment offer with the package of 14LPA.

4. IV-B.Tech-CSE student B. Yamini(17071A0566) and III-B.Tech.-CSE student G. Harini (18071A0516) developed VNR Placements APP developed during the period of October 2019 to May 2020 and launched on 24th August 2020 under the guidance of P. Ramakrishna, Asst. Prof.,CSE Dept.

5. 26 students(4 students selected through the Summer Internship programme) of B.Tech. CSE got an offer through CFG by JP MORGAN with a package of 14 LPA on 01.09.2020

6. Metric stream provided an offer to a B.Tech. CSE student with an annual package of 5.50 LPA. Opportunity of internship with a stipend of Rs. 25k per month.


8. B.Tech. IV-CSE student Mr. Akhil Bobbili (17071A0509) got shortlisted in the “Road To Shine” R2S Programme, the finalists of which get an opportunity to execute piloting with the Hiroshima prefectural Government in Japan. These students must attend three workshops and present their idea finally at T-Hub on 19.12.2020

9. B.Tech. CSE student Yelamarthi Meghana (17071A05N6) got an offer in JP Morgan on November 2020

10. DESIGN-ATHON organized by HYSEA in association with CPU of JNTUH, TASK and the Deverakonda foundation saw more than 2300+ students, 190+ teams participated. Winning team will have the opportunity to Intern with HYSEA member companies. Winner Team from CSE Dept. with Team Name as Hypertext Hipsters and team members are Dama Sudhesha (18071A0512), Sahithi Vesangi (18071A0548), Seeram Koushik (18071A05G4) and the Runner Team is also from CSE Dept. with Team Name as JETBRAINS HUB and team members are Desu Sarvani (18071A0514), Divija Chinni (18071A05k5). This function graced by Honorable Vice Chancellor Mr. Jayesh Ranjan on 11.12.2020 at JNTUH campus.

11. Lasya Kilari(18071A0586) of III B. Tech. CSE student selected for International Internship in Zebra Technologies Corporation, USA. Research Internship period from 24.05.2021 to 13.08.2021
12. Sindhuja (18071A05P3) of III B. Tech. CSE4 student got internship offer from Morgan Stanley as a Summer Analyst for 2021 tentative period from May 2021 to July 2021


14. III B.Tech. -CSE students Juvva Gnana Deepak (18071A05E3), Kola Abhigyan (18071A05E8) and Pulugujju Balaji (18071A05G2) won First Place in League of Coders -Code League 2.0 organized by CMRCET on 23.01.2021 reference website Hackerearth having team name Bajrang Dal.

15. II B.Tech. -CSE students Supriya, Avinash and Yogendra won Third Place in League of Coders -Code League 2.0 organized by CMRCET on 23.01.2021 reference website Hackerearth

16. Lasya Kilari of B. Tech CSE Student got an opportunity International Internship in USA

17. (Zebra Technologies Corporation) Lincolnshire, Illinois of Research Internship Period 24.05.2021 to 13.08.2021

18. III B.Tech. Student (CSE-4) Sindhuja got an opportunity International Internship offer From Morgan Stanley as a Summer Analyst for 2021 tentative duration May’2021 to July’2021


20. III B.Tech. CSE Students (18071A0507, 18071A0543, 18071A0591) Offered an Internship in Blaze Automation Pvt.Ltd on “Machine Learning” with an amount of Rs.10,000/- as a Stipend for Month.

21. Ms. Srija Tulasi (19071A0554) of II CSE and Ms. Sai Supriya (19071A05E8) of II CSE selected for TalentSprint Women Engineering Fellows Program supported by Google. They were offered a Fellowship of Rs. 2,00,000 and they successfully completed module1 project of their 2 years fellowship program.

22. II B.Tech. CSE student Haranmai Sai Supriya (19-5E8) won first prize in American Express Makeathon, content based Hackathon conducted Pan across India in April 2021.

23. II B.Tech. CSE students (18071A0507, 18071A0543, 18071A0591) got internship Blaze Automation Pvt.Ltd Offered an Internship on “Machine Learning” with an amount of Rs.10,000/- as a Stipend for Month from January 2021 to June 2021

24. B.Tech CSE Student Mohd. Inayathullah got full time Internship at EffiaSoft as Associate Software Developer on April 2021

25. Mr. G Shravan CSE 2020 passed out batch student got offer from FLIPKART with 27.5LPA

26. Mohd. INAYATH ULLAH (18075A0510) of IV CSE A 2021 graduating student got Full Time Internship at EffiaSoft as Associate Software Developer through IIC’S efforts through stuMagz on 26.04.2021
27. The Students of III CSE A(18071A0547,18071A0555,18071A0557) selected for “The Computer Science Summer Internship Program in IndicWiki Project, LTRC, IIIT-H, Hyderabad” on 30.04.2021

28. Akhilesh(20071A05E7), Likhita(20071A05C6), Laasya(20071A05H3) from 1CSE3 qualified in the first round of Hitam coding hackthon

29. D.Neeraj Ashish (20071A6713) from 1CSE-DS, K. Srinivas Deepesh from 1CSE C, Gautham Mallipeddi from 1CSE C are contest winners of Code frenzy 2021 on HackerRank conducted by Turinghut on 30.05.2021

30. Markapuram Krishna Priya(20071A6630) from 1CSE -AIML, Bheemreddyvalla Srinath Reddy (20071A6608) from 1CSE-AIML, Chintakuntla Vinay Kumar(20071A6210) from 1CSE -Cys are winners of Design-A-Thon organized by CSE Dept.,

31. B. JANAKI RAM 3rd B.Tech of CSE Dept., VNRVJEC published Patent with Application Number 202141020965 in the field of AI topic “VIRTUAL MOM RESPONSIVE BABY MONITORING TOY” on 11/06/2021

32. Ms. Sushma B I CSE-2 selected for TalentSprint Women Engineering Fellows Program supported by Google. They were offered a Fellowship of Rs. 2,00,000