COGNIZANCE
CSE NEWS LETTER

COGNIZANCE

Newsletter of Computer Science & Engineering Department

Excellence through Career Vision Approach ™

Vision

To achieve academic and research excellence in essential technologies of Computer Science and Engineering by promoting a creative environment for learning and innovation.

Mission

To provide dynamic, innovative and flexible curriculum which equip the students with the necessary, problem driven skills to strengthen their career prospects and potential to pursue higher studies.

To foster inquisitive-driven research among students and staff so as to reinforce the domain knowledge and address contemporary societal issues.

To inculcate ethical values, leadership qualities and professional behavior skills for improving the living standards of people.

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institute, NAAC Accredited with A++ Grade
NBA Accredited for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech Courses
Approved by AICTE, New Delhi, Affiliated to JNTUH
Recognized as "College with Potential for Excellence" by UGC
EAMCET CODE: VJEC   PGECETCODE: VJEC1

TAMASOMA JYOTIRGAMAYA
ESTD:1995

Head of the Department

COGNIZANCE is envisaged as a platform for highlighting scientific and technological innovations and reflecting the talent and achievements of the department in curricular, technical, and placement activities.

Mrs. B V Kiranmayee

Editor-in-Chief

COGNIZANCE is a source of comprehensive information about all the activities going on in the Computer Science Department.

This newsletter is released once in every semester and focuses on the current status, possible developments and the participation of students and staff in developmental programmes.

Dr. C Kiran mai

Editors

Welcome to the new edition of COGNIZANCE, Our new Biannual edition designed especially to showcase the list of Events, Publications & Initiatives of our Department. I hope this edition provides the entire things happened in this semester.

You enjoy this volume and do let us know if there are any topics you'd like to see covered in the future vol..

Mr. N Sandeep Chaitanya

The window to the CSE department can be covered by COGNIZANCE. You can peek into it to know all about the department.

Mr. CH Sri Sumanth

Faculty Publications

International Journals

1. Dr.P.Subhash,Assoc.Professor published a paper on " A Block chain incorporated Cloud Environment Using Proof-of-Stake Consensus Model" in Journal of Applied Science and Computations Vol. 6, Issue 1,Jan,20191076-5131 impact factor 5.8 UGC indexed
2. Mr S.kranthikumar Asst. prof, Mr Kunka Bheemalingappa Asst. prof published a paper on A Block chain incorporated Cloud Environment Using proof-of-Stake Consensus Model in Journal of Applied Science and Computations   Vol. 6, Issue 1 an, 2019 1076-5131 impact factor 5.8 UGC indexed
3. Dr.A.Bhramananda Reddy Assoc.Professor, Dr.Y.Sagar Assoc.Professor, Dr.P.Subhash Assoc. Professor published a paper on A new approach to represent textual documents using CVSM on International Journal of Engineering & Technology Vol.7 (4) ,Pp: 4678-4682 Dec,2018 2227-524X SCOPUS indexed
4. Mr G S Ramesh, Assistant Professor published a paper on Analysis of customer data using hybridized machine learning technique along with data exploration methods in International Journal of Engineering & Technology Vol 7 (4) Pp: 678 - 682. Dec, 2018 2227-524X SCOPUS indexed
5. Mr G.Naga Raju, Assistant Professor published a paper on Transition based parser for telugu language in International Journal of Engineering & Technology Vol 7 (4) Pp:4678-682.Dec,20182227-524X SCOPUS indexed
6. Dr Deepak Sukheja Assoc.Professor, Mrs KritiOhri Asst.Professor, Mrs V Baby Assoc.Professor,Tranjeet Sood published a paper on Performance Analysis of Data Mining, Neural networks &SVM and Fuzzy Algebra in Decision Making Process for Machine Learning Dataset in International Journal of Engineering & Technology 7 (4.28),Pg:689 -698 March 2018 2227-524X indexed in Google Scholar
7. Dr.T.Sunil Kumar Assoc.Professor & Ms SonikaKoganti published a paper on Maturing Face Recognition By Two Leveled Learning Model in International Journal Of Research In Electronics And Computer Engineering VOL. 7 ISSUE 1.,Pg:1287-1290 JANUARY- MARCH 20192393-9028 indexed in Google Scholar
8. Dr.N.Sandhya,Professor published a paper on Particle Grey Wolf Optimizer(PGWO) Algorithm and Semantic Word Processing for Automatic Text Clustering in International Journal of Uncertainty, Fuzziness and Knowledge- Based Systems Vol. 27, No.02, pp. 201-223 April-2019 SCOPUS indexed
9. Mrs R.KranthiKumar, Assistant Professor published a paper on Enhancing diabetes predictions using machine learning algorithm in International journal of emerging technologies and innovative research Vol;6,Issue :4Page num: 33-36 April-2019 ISSN:2349-5162 indexed in Google Scholar
10. Mrs M.Venkata Krishna Rao,Asst.Prof published a paper on Toxic comment classification using convolution neural network in JETIR Vol 6,ISSUE 5,Page no:566-569 May-2019 ISSN:2349-5162 indexed in Google Scholar
11. Mrs Manasa Devi Mortha,Asst.Prof published a paper on Text Spotting in Video: Recent Progress and Future Trends in International Journal of Recent Technology and Engineering (IJRTE)Volume-7, Issue-6S4 April 2019 ISSN: 2277- 78 indexed in Google Scholar
12. Mrs B.V. Kiranmayee ,HOD,CSE Department, Ms S .Vasundhara , Dr Chalumuru Suresh Asst.Professor published a paper on   Machine Learning Approach for Breast Cancer Prediction in International Journal of Recent Technology   and Engineering (IJRTE) Volume-8, Issue-1, 2619 to 2625 May-2019 ISSN: 2277-3878 SCOPUS indexed.

International Conference

1. Mrs M.Manasa Devi,Asst.Prof presented a paper on Detection and Tracking of text from Video using MSER and SIFT in International Conference on Data Engineering and Communication Technology on 15-16 March 2019
2. Mrs M.Manasa Devi, Asst.Prof presented a paper on Text Spotting in Video: Recent Progress and Future Trends in International Conference on Advances in Signal Processing, Power, Embedded, Soft Computing, Communication and Control Systems on11-12 January 2019
3. Dr.Rakhee Asst.Prof, Mrs Kriti Ohri Asst.Prof,Mrs Vijaya Saraswathi R Asst.Prof , Mrs L Jai Vinita Asst.Prof Presented a paper on "Performance Analysis of Wireless Body Area Sensor Analytics using Clustering Technique in "8th IEEE ICCSP 2019, Chennai. on 4-6th April, 2019
4. Dr.P.V.Siva Kumar,Assoc.prof, CSE presented a paper on A Proposed Block chain Model to Enhance Student Knowledge in ICCNCT, Coimbatore. on23rd-24th May 2019

Seminars/ Workshops Organized & Participated : Students

- Project Based Training on "Machine Learning" for II B.Tech Students on 04.01.2019 for 43 Students by Dr.G.Ramesh Chandra
- Problem Solving Skills by Smart Interviews.for II B.Tech Students on 04.01.2019 for 102 Students by Mr.Amith Bansal
- Project Based Training on" Python" for II B.Tech Students on 04.01.2019 for 43 Students by Mrs L.Indira and Mrs K Jhansi Lakshmi Bai
- Project Based Training on "Block Chain Technology" for II B.Tech Students on 04.01.2019 for 36 Students by Mr.Manish Jain
- Project Based Training on "R Programming" fo r II B.Tech Students on 04.01.2019 for 45 Students by Dr.T.Sunil and Mr M.Gangappa
- Ethical hacking Workshop for II B.TechStudentson04.01.2019 for 5 students BITS Pilani, Hyderabad
- "Aptitude Assessment" conducted by   CDC for I B.Tech Students on 07.01.2019 12.40 to 2.40 PM for 102 Students by CDC
- Certificate Course on "Python Frame Work" for IV B.Tech Students on 11.01.2018 To 18.01.2018 for 28 Students by Mr.Vijay,FACTSET
- BOOT CAMP ON AI with IBM WATSON under VNRVJIET Design 2 Solve Hackathon Program for II & III Year CSE students on 17.01.2019 for 75 Students
- Project Based Training on "Machine Learning" for II B.Tech Students on 18.01.2019 35 Students by Dr.G.Ramesh Chandra
- Problem Solving Skills.for II B.Tech Students on 18.01.2019 for 94 Students by Mr.Amith Bansal
- Project Based Training on" Python" for II B.Tech Students on 18.01.2019 for 33 Students by Mrs L.Indira and Mrs K Jhansi Lakshmi Bai
- Project Based Training on "Block Chain Technology"for II B.Tech Students on 18.01.2019 for 31 Students by Mr.Manish Jain
- Project Based Training on "R Programming" for II B.Tech Students on 18.01.2019 for 31 Students by Dr.T.Sunil and Mr M.Gangappa
- Project Based Training on "Deep Learning"for III B.Tech Students on 19.01.2019 for 38 Students by Mr. Karthik, KANTAR
- Project BasedTraining on "Data ructures"for III B.Tech Students on 19.01.2019 for 9 Students by Mr.K Venkat Ramana
- Program on " Coding Skills" for I B.Tech Students on 21.01.2019 for 79 Students by Turing Hut
- Conducted Written test on   "Expressing about them selves" for I B.Tech Students on 21.01.2019 for 30
  Students
- Industry Interaction with Academia related to Internships during Summer" for III B.Tech Students on 21.01.2019 for 130 Students by Mentor Mind Officials
- Visited Forensic Science Laboratory for attending Internship Interview, Red Hills, Hyderabad.for III B.Tech Students on 21.01.2019
- Training on "Data Structures" for I B.Tech Students (Mechanical) on 21.01.2019 by Dr.S.Nagini, Assoc.Prof, CSE
- Problem Solving Skills by Smart Interviews. For II B.Tech Students on 25.01.2019 for 98 Students by Mr.Amith Bansal
- Project Based Training on" Python" for II B.Tech Students on 25.01.2019 for 43 Students by Mrs L.Indira and Mrs K Jhansi Lakshmi Bai
- Project Based Training on "Block Chain Technology" for II B.Tech Students on 25.01.2019 for 38 Students by Mr.Manish Jain
- Project Based Training on "R Programming" for II B.Tech Students on   25.01.2019 for 40 Students by Dr.T.Sunil and Mr M.Gangappa
- B ITS Intercollegiate Sports Fest "Foot Ball Tournament " for II B.Tech Students on 25.01.2019
- "TechPathy" event in collaboration with CSI for I B.Tech Students on 24-01-2019 for 120 Students
- Guest Lecture on "Software Engineering: Software Requirements Engineering forII B.Tech Students on 28. 01. 2019 for 140 Students by Mr.T.SivaRami Reddy, Analyst,TCS.
- "Volken in campus internship (VICI)program" for IB.Tech Students on   28.01.2019   For 35 Students by Mr Rajesh Akkineni, Volken Technologies.
- "Grand finale of TCS Inframind" at   TCS Synergy Park, Hyderabad for III   B.Tech Students on 31.01.2019 for 30 Students

Seminars/ Workshops Organized & Participated : Students

- Industrial Visit to TCS, Synergy park,Hyderabad for III B.Tech Students on 31.01.2019 for 30 Students
- Problem Solving Skills for II B.Tech Students on 01.02.2019for 98 Students by Mr.Amith Bansal.
- Project Based Training on" Python" for II B.Tech Students on 01.02.2019 for 43 Students by Mrs L.Indira and Mrs K Jhansi Lakshmi Bai
- Project Based Training on "Block Chain Technology" for II B.Tech Students on 01.02.2019 for 38 Students by Mr. Manish Jain
- Project Based Training on "R for II B.Tech Students on 01.02.2019 for 40 Students by Dr.T.Sunil and Mr M.Gangappa
- Students Project Based Training on "Machine Learning" for II B.Tech Students on 01.02.2019 for 35 Students by Dr.G.Ramesh Chandra
- Project Based Training on" Deep Learning" Participants for III B.Tech Students on 02.02.2019 for 33 Students by Mr.Karthik,KANTAR
- Training on "Data Structures" for III B.Tech Students on 02.02.2019 for 79 Students by Mr.K Venkat Ramana "Volken in campus internship (VICI) program" for I B.Tech Students on 04.02.2019&18.02.2019 for 25 Students by Mr Rajesh Akkineni, Volken Technologies.
- Two day Workshop on office 365 Students Participation from all Branches 05.02.2019 to 06.02.2019 for 600 Students by Mr D.Subramanya Varma, Branch Head, Necx,Pvt.LTD, IDA,Nacharam.
- Guest Lecture on "Internet of Things" for IV B.Tech & M.Tech (SE & CSE) Students on 07.02.2019 for 79 Students by TCS Officials.
- Seminar on Video Analytics TCS Remote Internship selected Students &M.Tech Students on 13.02.2019 for 111 Students by TCS Officials.
- Training Programme for III B.Tech Students on 14.02.2019 for 79 Students by EPAM Officials
- Turing Cup – 2K19 State Level Coding Contest Students Participation from all branches on 17.02.2019 total 220 Teams
- Session on "Resume Preparation" for III B.Tech Students on 19.02.2019 for 140 Students by BYJUS
- Non-Technical Event by CSE Association for I B.Tech Students on 21.02.2019 for 120 Students
- Session on Virtual Labs Conducted for II & III B.Tech (CSE) Students on 11.02.2019 For 40 Students by IIIT-Hyderabad
- Problem Solving Skills for II Year CSE Students on 22.02.2019 for 90 students by Mr.Amith Bansal
- Project Based Training on" Python" for II Year CSE Students on 22.02.2019 for 38 students byMrs L.Indira and Mrs K Jhansi Lakshmi Bai
- Project Based Training on "Block Chain Technology for II Year CSE Students on 22.02.2019 for 29 students by Mr.Manish Jain
- Project Based Training on "R Programming" for II Year CSE Students on 22.02.2019 for 41 students by Dr.T.Sunil and Mr M.Gangappa
- Project Based Training on"Machine Learning" for II Year CSE Students on 22.02.2019 For 36 students by Dr.G.Ramesh Chandra
- Project Based Training on" Deep Learning" for III B.Tech Students on 23.02.2019 for   33 Students by Mr.Karthik,KANTAR
- Training on "Data Structures" for III B.Tech Students on 23.02.2019 for 79 Students by   Mr.K VenkataRamana
- Advanced Python Framework - Certification Course. For IV B.Tech Students on 23.02.2019 for 36 Students by Hoder Solutions Pvt.Ltd. Hyderabad
- A National Level Technical Symposium "CLAMARITE"conducted by CSE Dept. under CSI – 1. Paper
- Presentations and Workshop By N.Sri Chakradhar Reddy, Trainer MITTAL TECHNOLOGIES, Co-Founder AISQUARE for Students from VNRVJIET & Other Colleges on 23.02.2019 a total of 25 Teams from VNRVJIET. 5 Teams from Other Colleges for Paper Presentations 70 members attended for Workshop by CSI
- "Turing Cup" Coding Contest Hackathon for Students from VNRVJIET & Other Colleges on 23.02.2019 out of 250 teams – 35 teams shortlisted for the 2ndlevel Turing Hut Coding Club.
- GGK Hackathon for III B.Tech Students on 26.02.2019 4 Students participated
- Awareness Session on "Hacker Rank & Code Chef" for I B.Tech Students(CSE1) on 27.02.2019 for 55 Students by Mr Mohammed Abdul Soheb Moin & Mr Kovid, III & II B.Tech Students
- Academic Excellence Award At Global Education Fair, Hyderabad for IVB.Tech Student 15071A0538 Ms PALLEMPATI BHAVANA SREE on 26.02.2019
- "ISB Team visited CSE Department to conduct Survey on Microsoft Offline Wise Program" at VNR VJIET IIIB.Tech Students on 27.02.2019 for 15 Students
- Workshop on "Project Life Cycle & Software Architecture" for IIB.Tech& TCS selected IV B.TechStudents on 28.02.2019 for 85 Students by TCS Deligates
- Two Day Workshop on "Artificial   Intelligence – Deep Learning" for IIB.Tech   Students on 28.02.2019 for 66 Students by Mr ManikSoni, III B.Tech Student.
- A Session on "Aptitude Training and Industry willing ness" for IIIB.Tech Students (CSE1) on 01.03.2019 for 40 Students by Mr.N.Srinivas, Trainer, Sun Graphs & Alumni (1995-1999 Batch)
- Two Day Workshop on "Artificial Intelligence – Deep Learning" for IIB.Tech Students on 01.03.2019 for 65 Students by Mr ManikSoni, III B.Tech Student.

Best Social Impact projects

WHITECANE MADE SMART

DETECTION & CLASSIFICATION OF THE LEVEL OF SEVERITY OF TUMOR IN THE HUMAN BRAIN USING MRI SCAN

SOLAR BASED GARBAGE CLEANING DEVICE USING IOT

DYNAMIC FUNCTIONING AND MONITORING OF STREET LIGHTING SYSTEM

SMART WASTE MANAGEMENT SYSTEM USING INTERNET OF THINGS

ANALYSIS OF ROAD TRAFFIC FATAL ACCIDENTS USING DATAMINING TECHNIQUES

SOLAR BASED E-UNIFORM FOR SOLDIERS

AUTOMATED PET FEEDING MECHANISM

DIVYANG HOME

Awareness program

Awareness Program on 30th National Road Safety Week on 08.03.2019 for I year 60 Students by Mr R.A.Sarma & MMr ani Kanta, Coca-Cola Company, Hyderabad

Students Association's Activities(CSI)

1. National Level Technical Symposium CLAMARITE on 17 th and 23 rd Feb 2019 around 350 participated in the event
2. Paper Presentation during CLAMARITE on 23 rd Feb 2019 40 students participated
3. Coding Competition during CLAMARITE on 17 th and 23 rd Feb 2019 around 250 student teams participated
4. Workshop on Building Chat Botusing RASA on 23 rd Feb 2019 during CLAMARITE around 72 students participated.
5. Awareness Program on Road Safety Measures and Obey Traffic Rules on 08th march 2019 around 60 students participated
6. Know-CS on AR-VR on 28th March 2019 around 100 students participated
7. Know-CS on Block Chain Technologies on 29th march 2019 120 students
8. Practical Session on Springs on 11th March 2019 120 students participated.
9. Techcognizance on Block chain on 1st April 201950 students participated.
10. Launch of CSI annual News letter C-Zine on 27th April 2019
11. Summer Training program on 13th to 18th May 2019 on Artificial Intelligence 30 members participated.
12. FDP on Block Chain Technologies on 24th to 29th June 2019 for 30 members
13. Skill Development program on LINUX and ICT Tools on 24th to 26th june 2019 for 25 members

Industrial Tours

Ist Year Students to Hindusthan Cococola Beverages on 22-01-2019 at Ameenpur,Hyderabad for 113 students
II B.Tech Students(CSE4)&I M.Tech Students(SE & CSE) to TCS on 05.02.2019 Hyderabad for 50 students
III B.Tech Students to TCS,Synergy park on 31-01-2019 Hyderabad for 30 students
IV Year students to Microsoft on 10/05/2019 to Gachibowli for 9 students
IV Year students to Microsoft on 19/06/2019 to Gachibowli for 9 students

Certificate Courses

- Python programming for 46 II Year B.Tech students
- Block Chain Technologies for 42 II Year B.Tech students
- Machine Learning for 38 II Year B.Tech students
- R Programming for 48 II Year B.Tech students
- Advanced Python Framework for 32 IV Year B.Tech students
- AR - VR for 42 II Year B.Tech students

Placement Details

- 414 placements of which 224 individual placements.
- Avg package of 5.1 lacs
- Highest Package of 28 lacs (AMAZON-3 members)
- Employability Skills Training by Smart Interviews Pvt Ltd , Hyd

Guest Lectures Organized

- Mr T.Siva Rami Reddy, from TCS delivered a lecture on Software Requirements""on28-01-2019 for II B.Tech around 130 members attended the program
- Trainers form BYJUS delivered a lecture on "Guidance on Resume Preparation"on19-02-2019 for III B.Tech around 135 students attednded the program
- Mr.Udhay,Mr.Sathish from Mroads Pvt ltd delivered a lecture on "Current trends in Computer Science tocater ndustry needs "on25-03-2019 form II B.Tech around 280 students attednd the program

Results (2018-19)

- IV Year II Sem: 99.28%
- III Year II Sem: 92.96%
- II Year II Sem: 83.62%
- I Year II Sem: 95.85%

Swayam - NPTEL
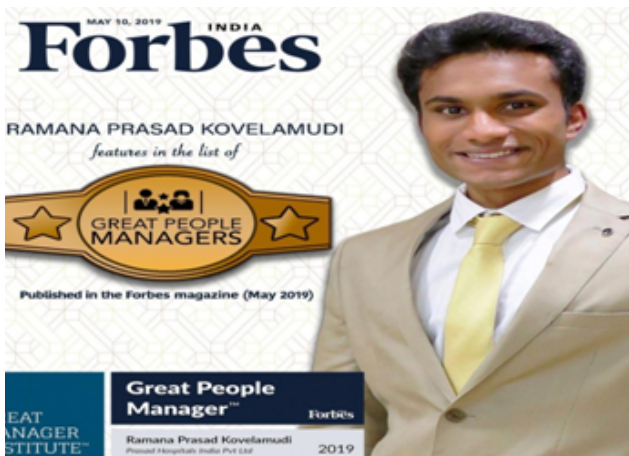
- Faculty Certified :12
- Students certified: 39

COGNIZANCE
CSE NEWS LETTER

DEPARTMENT OF CSE

INVITED TALK BY MR K SEETHA RAM BABU CHAIRMAN CSI, HYD CHAPTER DURING CLAMARITE 2019- NATIONAL LEVEL TECHNICAL SYMPOSIUM

COGNIZANCE
CSE NEWS LETTER

INVITED TALK BY OUR ALUMNI MR K PRATHEEK VARMA, ASSOCIATE CONSULTANT,MICROSOFT DURING TURING CUP 2019

MR. RAMANA PRASAD K (ALUMNI) AWARDED AS ONE OF THE TOP HUNDRED "GREAT PEOPLE MANAGERS" , SURVEY CONDUCTED BY FORBES.

Workshop on Building Chat Bot using RASA

Mr. Satya Sai Siva Rama Krishna (2015-19) placed in "AMAZON" as "Software Development Engineer" with a package of 28.75L

Invited Lecture by Mr. MANISH JAIN on "Block Chain"

Practical Session by Mr. N Chandrakanth on "Spring"

II Year Students Won First and Second Prize in QUEST 2019 at JNTUH

First Prize Winners of Turing Cup 2K19 from VNRVJIET-2019

Team ENLIGHTENERS (II year) won cash prize of 50,000 in AI Hackathon at VESIT Mumbai-2019

Microsoft selected students with 10.87 LPA-2019 Batch

Students participating in Grand Finale of "SMART INDIA HACKATHON-2019" in Bhubaneswar

JPMC Code for Good Event Winners-2019 Batch

NCR Corporation Team with Selects -2019 Batch

Chess Winner: National Level Sports Fest-2018-19

" *Never stop chasing your dreams, it can take you from zero to hero in a fraction of time* "

- Bharat Ratna Dr A P J Abdul Kalam