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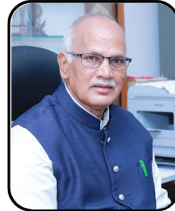
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ACADEMIC DIRECTOR'S MESSAGE

We are happy that during this quarter the academic life is slowly inching back to normalcy. Students are attending exams and class work. Technical activities have picked up the momentum. Still the specter of Covid has not disappeared. Stay Safe.

-Prof. A. Sesha Rao

PRINCIPAL'S MESSAGE

I am delighted to share that the Dept. of CSE has brought out its year end newsletter by displaying the academic and technical strength of the faculty and students through number of activities. It is hoped that this tempo shall continue in the changing times of teaching and learning. With best wishes.

- Dr. J. Sudhakar



HEAD OF THE DEPARTMENT MESSAGE

The Department of CSE has recorded tremendous improvement in its academic and placement performance. During study at the department, the students are encouraged to get hands-on experience in the corporate world through internships & mini projects. Best wishes to the faculty & students.

- Dr. K. Vijaya Kumar

VISION

To evolve into a centre of excellence and to empower women in emerging areas of Computer Science and Engineering with human values

MISSION

- ▶ To train students to analyze, design, develop and test software applications
- ▶ To impart technical expertise in sustaining the needs of the IT industry
- ▶ To foster research activities and entrepreneurial skills in emerging technologies
- ▶ To inculcate lifelong learning skills in line with technological advancement and social consciousness


Program Educational Objectives

- PEO1:** Lead the diverse range of careers in IT sectors and initiate entrepreneurship in software development.
- PEO2:** Excel in higher studies and research in emerging areas of Computer Science Engineering.
- PEO3:** Possess continuous learning by adapting to technological trends to help society with ethical values.

SUCCESS

The Pass percentage of
2016 admitted batch in
IV B.Tech II Sem is
88.36.

Placement news from October to December 2020

16
Students

Package: 2.20 lpa

19
Students

Package: 3.70 lpa

8
Students

Package: 4.20 lpa

3
Students

Package: 3.20 lpa

DEPARTMENT SPLASH

Technical Events organized by the Department

- ▶ The Department of CSE organized workshop on **Game Development Using BuildBox** for **II B.Tech & III B.Tech CSE students** in association with **Women Tech Makers** from **14/12/2020 to 19/12/2020**. Resource Persons were **Mr.T.Ravi Kishore, Mr.P.Alluru Raju, APSSDC Trainers**. 175 students participated in it.
- ▶ A Seminar on **Cyber security trends**, issues and challenges was organized by the **Department of CSE** in association with **IEI on 11/12/2020**. Resource Person was **Dr. B.Subba Rao, Director, SAMEER**. 187 students participated in it.
- ▶ A Seminar on **Python Libraries for Data science** was organized by the **Department of CSE on 15/12/2020**. Resource Person was **T.Mastan Rao, CMR College**. 101 students participated in it.
- ▶ A Seminar on **Data Security and related issues** was organized by the **Department of CSE on 28/12/2020**. Resource Person was **Dr. Archana Sharma, BARC**. 59 students participated in it.
- ▶ A Guest Lecture on **Challenges in Cyber Security** was organized by the **Department of CSE** in association with **Women TechMakers on 23/12/2020**. Resource Person was **Dr V.Bhujanga Rao, ISRO Chair Professor**. 167 students participated in it.
- ▶ A Guest Lecture on **AI enabled Software Defined Networking** was organized by the **Department of CSE on 17/11/2020**. Resource Person was **Mr.B.Venkata Rayulu, Project Executive, IBM**. 145 students participated in it.
- ▶ A Guest Lecture on **Opportunities in Digital Era** was organized by the **Department of CSE** in association with **Google Developer's Group on 9/11/2020**. Resource Person was **Mr.Srikanth N Head Project Manager, Excel Global Solutions**. 150 students participated in it.

FDPs participated by Faculty

- ▶ Dr.P.VijayaBharati, Assoc.Prof., Mr.R.Ravi, Asst.Prof., Mrs.N.SowjanyaKumari, Asst.Prof., & Mrs.Sk.Rahimunnisa, Asst.Prof. participated in FDP on **Effective Solutions for Industrial Problems using Spark and Azure** organized by **JNTUK Kakinada in association with EXCELR from 21/10/2020 to 17/11/2020**.
- ▶ Mr.M.Anil Kumar, Asst.Prof. participated in FDP on **Block Chain Technology** organized by **IIIT, Dharwad from 2/11/2020 to 6/11/2020**, **IoT** organized by **JNTUA** in association with **ATAL from 9/11/2020 to 13/11/2020**, **Cyber Security** organized by **IIT Bhilai** in association with **ATAL from 7/12/2020 to 11/12/2020**, **Natural Language Processing** organized by **Manipal Institute of Technology** in association with **AICTE from 14/12/2020 to 19/12/2020**.
- ▶ Mr A.Srinivas, Asst.Prof. participated in FDP on **Cyber Physical Systems** organized by **IIT,Pune** in association with **ATAL from 7/11/2020 to 11/11/2020**.
- ▶ Mr.A.Maheswararao, Asst.Prof. participated in FDP on **Matlab and Simulink** in association with **APSSDC from 11/11/2020 to 13/11/2020**.
- ▶ Ms.Rita Roy, Asst.Prof. participated in FDP on **Data Science and Machine Learning** organized by **ATAL Academy from 17/11/2020 to 21/11/2020**.
- ▶ Ms.M.Pallavi, Asst.Prof. participated in FDP on **Recent trends in AI and ML and Deep Learning** organized by **Birla Vishwakarma Maha Vidyalaya Engg. College from 28/12/2020 to 2/1/2021**.

CodeChef Campus Chapter:Collabrains

- ▶ The Dept. of CSE in association with **Code Chef** organized a virtual coding competition, **Bug Splash** on **30/12/2020**.

Workshop participated by Faculty

- ▶ Mr.M.Anil Kumar, Asst.Prof. & Ms.M.Pallavi, Asst.Prof. participated in workshop on **Artificial Intelligence and Its Applications** organized by **Chalapathi Institute of Engineering and Technology** in association with **CSI from 23/11/2020 to 27/11/2020**.

Online Certification courses by Faculty

- ▶ Ms. Rita Roy, Asst. Prof. completed online certification course on **Learn to Build a Voice Assistant with Alexa** by **Udemy from 31/10/2020 to 4/11/2020**.
- ▶ Mr. R. Ravi, Asst. Prof. completed online certification course on **learn ethical hacking from scratch**, **NSDC on 23/12/2020**.

- ▶ Mr.A.Maheswararao,Asst. Prof. completed online certification course on **Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System by ISRO on 20/11/2020.**
- ▶ Mrs.P.Akhila, Asst.Prof. participated in online course on **Fundamentals of Programming using Python 3** organized by **Udemy on 9/10/2020.**
- ▶ Mr.M. Anil Kumar, Asst.Prof. & Mr.A.Maheswara Rao, Asst.Prof. participated in online course on **Data Science organized by LetsUpgrade from 06/11/2020 to 13/11/2020.**

Paper publications by Faculty

- ▶ Mr.A.Maheswararao, Asst. Prof. published a paper on **Robust Detection of Video Text using an efficient hybrid method via key frame extraction and text localization in Multimedia tools and applications in November 2020.**
- ▶ Mr. R. Ravi, Asst. Prof., Dr. P. Vijaya Bharathi, Assoc. Prof., Mrs. N. Sowjanya Kumari, Asst. Prof. published a paper on **Securing data and image using Mosaic and LSB Technique** in *Journal of Critical Reviews* of Volume 7, Issue 18, December 2020.

Conference participated by Faculty

- ▶ Mr. M. Anil Kumar, Asst. Prof. participated in **ICAAAIML-2020: International Conference on Advances and Applications of AI and ML** organized by Sharda University Uttar Pradesh, Great Noida from 29/10/2020 to 30/10/2020.

STUDENT SPLASH

Internships by Students

- ▶ B.Anusha (17NM1A0517) completed Internship on **DATA SCIENCE AND BUSINESS ANALYTICS** organized by **Internshala on 23/12/2020.**
- ▶ K.Vagdevi(18NM1A0569) completed Internship on **BUSINESS DEVELOPMENT** organized by **My Captain on 23/11/2020.**

Certification Courses participated by Students

- ▶ Lochana saimamba R(16NM1A05H1) completed **AWS certified Developer Associate-step by step** organized by **Udemy on 09/11/2020.**
- ▶ Hashitha Tangudu(18NM1A05F4) completed **Learn Java programming-Beginners guide course** organized by **Udemy on 24/12/2020.**
- ▶ Nikhitha Indu Kovvuri(18NM1A05A8) completed course on **AI for everyone** organized by **Coursera on 05/10/2020.**
- ▶ G.Vathsalya(17NM1A0545)completed certification course on **CSS-Basics to Advanced** organized by **Udemy on 09/10/2020.**

Technical Events participation by Students

- ▶ M.L.P.Sree lekha(19NM1A0593) participated in **Foundation Day quiz on 10/11/2020.**
- ▶ S.Sai Sri Lakshmi Mounika(18NM1A05D5) participated in **Exploring the Story of Data Science & Witness Block chain In Action** organized by **Sand Box Tech on 29/11/2020 & 05/11/2020.**
- ▶ 11 students participated in **Applications of Python Programming in NLP and Data Science** organized by **JNTU Vizianagaram on 04/10/2020.**

Coding Competitions participated by Students

- ▶ B.Anusha(17NM1A0517),V.Devi Lakshmi Rajeswari(17NM1A05H1), k.Divya (17NM1A0591) participated in **coding competition on Ninja Hire 2.0** organized by Coding Ninjas on 2/12/2020.
- ▶ T.Meghana(17NM1A05G3) participated in **Hash code on 03/12/2020.**
- ▶ G.Bhavani(17NM1A0551),K.Yamuna(17NM1A0572) participated in **Python(Basic)** organized by **Hackerrank on 22/10/2020.**

Students Publications

- ▶ B. Jhansi Lakshmi, M. Roopa Sri, B.Sai Keerthi, G.Nithisha published a paper on **Ensemble clustering using dbscan and hdbscan** in *Journal of XI'AN University of Architecture & Technology* of Volume 12, May 2020 under the guidance of Mr. Imandi Raju, Asst. Prof.

- ▶ P.Sowmya,N.Bhagya Lakshmi,P.Jyothi Priya,Y.Sriya published a paper on **An Efficient Transaction Memory Storage Management Model for Images** in *Mukt Shabd Journal* of Volume 9, May 2020 under the guidance of Dr.P. Vijaya Bharati, Assoc. Prof.
- ▶ A.VindhyaSree, S.Divya, A.Deepika, M.Akanksha published a paper on **A Novel Steganographic Technique to Embed SST Encrypted Message using PGLM** in *Mukt Shabd Journal* of Volume 9, May 2020 under the guidance of Mrs. M.Mamatha, Asst. Prof.
- ▶ D.Jhansi Reddy, K.Divya Sri,G.Deva Harshini,M.Nikitha published a paper on **Secure Key- duplication using Convergent Key Encryption** in *Parishodh Journal* of Volume 9, May 2020 under the guidance of Ms Rita Roy, Asst. Prof.
- ▶ P.Praveena,M.Sailaja,V.Prathyusha,T.Pooja published a paper on **Information Retrieval On Document Streams Using Relevance Feedback Algorithm** in *International Research Journal Of Engineering And Technology* of Volume 7, April 2020 under the guidance of Mrs Guvvu Pavani Latha, Asst. Prof.
- ▶ P.Harshitha,P.Manasa,R.Sai Priya,M.Joshna published a paper on **Traffic Sign Detection using Convolutional Neural Networks** in *International journal of Computer Science and Technology* of Volume 11, April 2020 under the guidance of Mrs.J. Hima Bindu, Asst. Prof.
- ▶ V.Pratyusha , V.Keerthi, T.Sahith, P.Anisha, M.Roshini published a paper on **Replenish Security Through Carp Technology** in *The International Journal Of Analytical And Experimental Modal Analysis* of Volume 12, April 2020 under the guidance of Ms Rita Roy, Asst. Prof.
- ▶ P.Veena,P.Guna Varshini,P.Lavanya,P.Ankitha published a paper on **Redundancy Control Data-Driven Approach for Cluster-Based Wireless Sensor Networks** in *International journal of Computer Science and Technology* of Volume 11, April 2020 under the guidance of Mr.I.Raju, Asst. Prof.
- ▶ G,Mounika,K.Anjali,Durga Bhavani,B.Shivani published a paper on **Object Match Swapping Detection of Facial Landmarks using Local-Based Information** in *The International Journal Of Analytical And Experimental Modal Analysis* of Volume 11, April 2020 under the guidance of Mr. D. Rajendra Dev, Asst. Prof.
- ▶ S.Sravya,P.Yamini, Y.Vasanth,P.Pooja published a paper on **Fake News Detection And Comparison using Machine Learning Algorithms in IJRAR** of Volume 7, April 2020 under the guidance of Mr. Aggala Maheswararao, Asst. Prof.

Techkriti club

- ▶ As a part of **Techkriti club**, in order to improve optimal coding skills, build confidence, leadership, teamwork, communication and also thinking ability outside the box the **Department of CSE** organized Code Hunt for **III B.Tech I Sem CSE** Students on **05/10/2020**. 61 students actively participated in it.

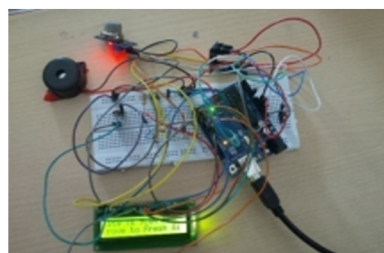
Academic toppers as on December-2020



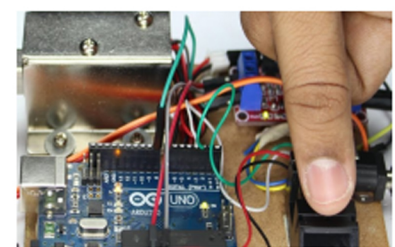
IoT Projects by Students



Automatic Sanitizer dispenser



Air Pollution Monitoring System



Fingerprint Door Lock Control System