VISION OF THE DEPARTMENT

To be a center for academic excellence in the field of Computer Science and Engineering education to enable graduates to be ethical and competent professionals.

MISSION OF THE DEPARTMENT

To enable students to develop logic and problem solving approach that will help build their careers in the innovative field of computing and provide creative solutions for the benefit of society.

PEOS

1. Solve problems in a modern technological society as valuable and productive engineers
2. Function and communicate effectively, both individually and within multidisciplinary teams.
3. Be sensitive to the consequences of their work, both ethically and professionally, for productive professional careers.
4. Continue the process of life-long learning.

1. PROFESSIONAL BODIES

CSI Student Chapter

- The Department of Computer Science has conducted "**Bellman Crown 2K20**" a National Level Online Coding Contest on 13th September 2020 from 10:00AM to 1:00PM under CSI Student Branch. 119 teams have registered for the contest. Rs. 250 per team was collected towards the registration fee. Participant from different colleges have participated with great interest.

- A seminar on "Building a web application with Django" was given by CSI Student branch for B.E II year – IV semester students of CSE.

- A seminar on "Building a web application with Node JS" was given by CSI Student branch for B.E II year – IV semester students of CSE.

- The Computer Science department has organized a session on **"Importance of coding and exposure to Competitive Programming"** on 12th of February 2021, delivered by R. Sravani, D. Aparna, M. Raj Venkat and I. Prabhakar of 7th semester for the 1st semester students.
  The objectives of the session were to:

  - To give a basic idea on Competitive Programming
  - To introduce competitive programming platforms
  - To provide various resources that will help to get better at competitive programming
  - To demonstrate how to use the competitive programming platforms effectively

3. CO-CURRICULAR AND EXTRA- CURRICULAR ACTIVITIES

❖ Virtual International Conference:

- The department in association with Springer organized Two days International Conference on **"Smart Computing and Informatics (SCI-2020)"** on 9th – 10th October 2020, to confer latest trends and technologies in the fields of Artificial Intelligence, Cloud Computing, Internet of Things, Machine learning, Deep learning, Block chain, Cyber Security, Big Data Engineering, etc.

- The inaugural session (SCI-2020) was held virtually on 9th October 2020 and 300 participants from various academic colleges and industry across the globe participated. More than 500 papers were received, out of which 182 papers were selected for presentation.

- Special Keynote sessions were delivered by Dr. Roman Senkerik, Head of AI lab, Tomas Bata University in Zlin, Czech Republic, Dept. of Informatics and Artificial Intelligence and Shri. Aninda Bose, Senior Editor – Interdisciplinary Applied Sciences, Publishing Department, Springer Nature.

3. ACHIEVEMENTS

❖ Department Achievements

- **123 students** were **offered jobs** in 49 different companies out of 65 companies for the academic year 2020- 21.

- Department has organized three Faculty Development Programs

  - National Level One Week FDP on Multi Technology in association with Brain O Vision and National Youth Council of India - 28-Jun-2021 to 03-Jul-2021

  - FDP ON BLOCKCHAIN AND IoT in association with NIT Warangal- 12-Jul-2021 to 22-Jul-2021

  - FACULTY DEVELOPMENT PROGRAMME (FDP) ON CYBER SECURITY IN PRACTICAL ASPECTS - 01-Sep-2020 to 05-Sep-2020

- Eight NPTEL Courses were completed by 11 faculty

❖Faculty Achievements

- 46 papers were published out of which, 14 research papers were published in Scopus indexed journals, 1 in SCI and 19 research papers were published in International Conference in 2020-21.
- Faculty M Sashi Kumar, Assistant Professor and S Vinay Kumar, Assistant Professor are the resource persons for ATAL – FDP on RPA organized at national level by NIT Gorakhpur in May 2020-21.

- Faculty S Vinay Kumar, Assistant Professor is recognized as Google Cloud Ready Facilitator in March 2021.

- M Sashi Kumar is recognized as Faculty Ambassador under AWS Educate programme in April 2021

- S Vinay Kumar and M Sashi Kumar are AWS Academy Accredited Educators and have cleared AWS Cloud Practitioner certification exam in March 2021.

- M Jithender Reddy was awarded as an "Active Instructor in Cisco Networking Academy Program " by Cisco.

- M Jithender Reddy, achieved instructor level credentials for DevNet Associate Course of Cisco.

- M Jithender Reddy, awarded Active participation and dedicated service in Cisco Networking Academy for ten years by Cisco

❖ Student Achievements

- 132 students were offered placements by 49 different companies out of 65 companies in the academic year 2020-21

- 95 students were offered internships by reputed IT organizations in the academic year 2020-21 .

- 121 students were offered paid internships by reputed IT organization.

- Highest pay package 21 lakhs per annum was offered by Service Now to five students

- Average pay package for the students this year is 7.90 lakhs

- Number of students with job offers over 7.5 lakhs package were 83

- Average pay package of CSE students in 2020-21 was 7.9 lakhs per annum

- PrashasthaKovuri of BE V Sem. Secure Internship from Supraja Technologies for participating in Specathon(36 hr Hackathon) organized by St. Peter's Engineering College during 28/01/2021 to 29/01/2021

- V SreeSivaNagaSuryaPrakash of BE IV Sem won overall national level grand championship conducted by Warrior karate do federation on 25/04/2021

- R Manvith, 4th year student, got admission into IIM Lucknow.

- Naehal Shitanshu, 4th year student, got admission into IIM Amritsar.

- T Soumya, CSE Alumni 2018 got admission into IIM Ahmedabad.

- I Bhagya Sree, CSE Alumni 2018 got admission into IIM Tiruchirappalli.

- Manasa Varanasi, CSE Alumni 2018 was crowned as Femina Miss India 2020. She will represent India at Miss World 2021 in December.

- P Benny Joseph, 3rd year student ranked 236 out of 7800 participants in Google Kickstart Round B 2021.

- Ch. Sai Suman. 3rd year student ranked 263 out of 8051 participants in Hackfest 2020 conducted by Hackerrank. He also has published 5 programming articles in geeksforgeeks.

4.PAPER PUBLICATIONS BY FACULTY

- **Dr. T. Adilakshmi**, Professor and HOD and **M. Sunitha,** Asst Professor, published a paper on 'Enhancing Item Centric Clustering with Nearing Neighbors for Music Recommendation System" in the Journal of Scientific Computing in January 2021.

- **Dr. T. Adilakshmi**, Professor and HOD and **M. Sunitha,** Asst Professor, published a paper on 'Enhancing User-Centric Clustering (UCC) model with User Context Information for Music Recommendation system" in Science, Technology and Development Journal in January 2021

- **Dr. T. Adilakshmi**, Professor and HOD and **M. Sunitha,** Asst Professor, published a paper on 'Enhancing User-Centric Clustering (UCC) Model with Weighted KNN for Music Recommendation system" in Journal of information and computational science in January 2021

- **Dr. T. Adilakshmi**, Professor and HOD and **M. Sunitha,** Asst Professor, published a paper on 'Enhancing User-Based Collaborative Filtering for Music Recommendation System with User Correlations" in international journal of advanced trends in computer science and engineering in September 2020

- **Dr. T. Adilakshmi,** Professor and HOD, **T. Jalaja**, Asst Professor, published a paper on "Multiway Door Unlocking Using Raspberry Pi" in the International Journal of Advanced Trends in Computer Science and Engineering in September 2020.

- **Dr. T. Adilakshmi,** Professor and HOD, **S. Komal Kaur**, Asst Professor, published a paper on "Multi Classification for Cardiac Arrhythmia Detection using Deep Learning" in the International Journal of Advanced Trends in Computer Science and Engineering in September 2020.

- **Dr. Nagaratna P. Hegde,** Professor, published a paper on "Significance of Big Data Frameworks and Approaches in Healthcare Systems" in the International Journal of Advanced Networking and Applications in 2020.

- **Dr. Nagaratna P. Hegde,** Professor, published a paper on "Comprehensive Study on Laborious Challenges and Consequences of Testing of Big Data Application" in the Journal of Huazhong University of Science and Technology in 2020.

- **Dr. T. Adilakshmi,** Professor and HOD**, Dr. Nagaratna P. Hegde,** Professor, published a paper on "Sustainable Technique for Fatigue Mitigation and Sleep Prediction" in the Journal of Green Engineering in 2020

- **Dr. Nagaratna P. Hegde,** Professor, published a paper on "Using Slang and Emoticon for Sentiment Analysis of Social Media Data" in the International Journal of Engineering Research and Technology in 2020.

- **Dr. M. Shanmukhi,** Assistant Professor, published a paper on "Baseline Wandering Removal in ECG Signal Using Filters" in the International Journal of Advanced Trends in Computer Science and Engineering in September 2020.

- **Dr. M. Shanmukhi,** Assistant Professor, published a paper on "Exploring the Machine Language Algorithms and its Classification" in the International Journal of Advanced Trends in Computer Science and Engineering in September 2020

- ➥ **Dr. D. Baswaraj,** Assistant Professor, published a paper on "Hybrid Electro Search with Genetic Algorithm for Task Scheduling in Multi-Cloud Environment" in the Ain Sham Engineering Journal in August 2020

- ➥ **Dr. D. Baswaraj,** Assistant Professor, published a paper on "Web Page Information extraction using Deep Learning" in the Solid State Technology Journal in November 2020

- ➥ **Dr. T. Adilakshmi,** Professor and HOD, and **Dr. K. Srinivas**, Asst Professor, published a paper on "The File Carving Method for Category B Images" in the International Journal of Advanced Trends in Computer Science and Engineering in September 2020.

- ➥ **M. Sunitha Reddy,** Assistant Professor, published a paper on "Trustworthy of Resource Sharing on Collaborative Cloud Computing" in the Journal of Emerging Technology and Innovative Research in July 2020

- ➥ **R. Sateesh Kumar,** Asst Professor, published a paper on "Heart Disease Prediction Using Extended KNN(E-KNN)" in the International Journal of Advanced Trends in Computer Science and Engineering in September 2020.

- ➥ **S. Vinay Kumar,** Asst Professor, published a paper on "Risk Segmentation of Insurance Data using Machine Learning" in the Journal of Critical Reviews in 2020.

- ➥ **M. S. V. Sashi Kumar,** Asst Professor, published a paper on 'Detecting an Insider Threat and Analysis of XGBoost using Hyperparameter Tuning" in the Journal of Green Engineering in October 2020.

- ➥ **V. Punna Rao,** Asst Professor, published a paper on "Maximizing the Impact Spread in Communal Web and Agent Based Proposal" in the International Journal of Recent Technology and Engineering in July 2020.

- ➥ **Narsaiah Putta,** Asst Professor, published a paper on "An Architecture to Mitigate DDoS Attacks in Cloud Web Services" in the International Journal of Advanced Trends in Computer Science and Engineering in September 2020.

5. ALUMNI ACTIVITY

- A Career Guidance session on "Importance of Projects" by Madhuri Arugula for B.E IV Sem students on 20-03-2021.

- Felicitation of Manasa Varanasi, VLCC Femina Miss India World 2020 on 18-02-2021.

- Donation of laptops by Alumni and the College to students.

6. PLACEMENTS AND INTERNSHIPS

Name of the Organization	Interview / Date of Test	Number of Students
Service Now (Internship 40 K per month & Employment Rs.21.00 Lakhs p.a.)	06.08.20 03.08.20	5
Amazon - Through ACMS (Amazon Campus Mentoring Series) & WOW (Women Of the World) (Internship 60 K per month)	28.10.20 12.08.20	4
Visa Inc., (Rs.15.40 Lakhs p.a.)	12.02.21 25.01.21	2
Electronic Arts (Rs.13.24 Lakhs p.a.)	03.06.21 26.04.21 19.04.21 14.04.21	1
CISCO (Internship 60 K per month & Based on performance Employment Rs.11.00 Lakhs p.a.)	10.11.20 12.10.20 19.09.20	2
Oracle India Private Ltd., (Vertical : GBU) (Internship 25 K per month & Employment Rs 11.00 Lakhs p.a)	19.08.20 14.08.20	20
Oracle India Private Ltd., (Vertical : NetSuite) (Rs 11.00 Lakhs p.a)	15.09.20 11.09.20	2
Mentor Graphics (Internship 30 K per month)	01.10.20 27.09.20	3
FactSet (Internship 30 K per month & Employment Rs 9.00 Lakhs p.a)	21.08.20 20.08.20	1
LTI Limited Infinity Coding Challenge (ICC-2021) (Rs.8.00 to 10.00 Lakhs p.a.)	31.05.21 15.05.21	9

Accolite Software India Pvt. Ltd (Internship 20 K per month & Employment Rs.9.00 Lakhs p.a.)	14.08.20 12.08.20 10.08.20	**5**
Accolite - Through Accolite Hiring Challenge 11.0 (Internship 20 K per month & Employment Rs.9.00 Lakhs p.a.)	29.10.20 29.09.20 22.09.20	**3**
Invesco India Pvt Ltd (Rs.9.00 Lakhs p.a.)	26.04.21 15.03.21 01.03.21	**1**
Thoughtworks (Rs.8.32 Lakhs p.a.)	11.02.21 17.12.20	**1**
NCR Corporation (Internship 25 K Per month & Employment Rs. 8.00 Lakhs p.a.)	22.10.20 28.09.20 03.09.20	**9**
Infosys through - #HackwithInfy (Rs.8.00 Lakhs p.a.)	06.10.20 11.09.20	**3**
Magnitude Software (Internship 25 K Per month & Employment Rs.8.00 Lakhs p.a.)	23.12.20 22.12.20	**1**
Deloitte (Rs.7.60 Lakhs p.a.)	11.02.21 03.02.21	**11**
Model N Software (Rs.7.28 Lakhs p.a.)	11.01.21 04.01.21	**5**
TCS - Digital (Internship 15 K per month & Employment Rs 7.00 Lakhs p.a)	26.12.20 18.10.20 06.10.20 28.09.20 10.09.20	**13**
Kodem Legal Technologies (Internship 15 K per month & Employment Rs.7.00 Lakhs p.a.)	14.10.20	**2**

Loyalty Juggernaut (Internship 15 K per month & Employment Rs.7.00 Lakhs p.a.)	06.10.20 26.09.20	**5**
Verisk Analytics (Internship 20 K Per month & Employment Rs. 7.00 Lakhs p.a.)	26.11.20 18.11.20	**2**
Inncircles (15 K Per month & Employment Rs.7.00 Lakhs p.a.)	25.01.21 21.01.21	**1**
Zemoso Technologies (Internship 20 K Per month & Employment Rs. 6.89 Lakhs p.a.)	16.11.20 11.11.20	**2**
Cognizant - GenC Next (Internship 12 K Per month & Employment Rs.6.75 Lakhs p.a.)	30.12.20 01.12.20 20.11.20	**2**
LTI Limited (Rs.5.00 to 6.50 Lakhs p.a.)	14.09.20 11.09.20 25.08.20	**31**
Accenture (Rs.4.50 to 6.50 Lakhs p.a.)	18.10.20 10.10.20 04.10.20	**23**
Copart India Pvt. Ltd. (Internship 20 K Per month & Employment Rs.5.00 to 6.50 Lakhs p.a.)	01.12.20 25.11.20	**7**
MTX Group Inc - India (Rs.6.50 Lakhs p.a.)	30.03.21 03.03.21 24.02.21	**3**
TaknevIT Services Pvt. Ltd (Internship 15 K Per month & Employment Rs. 6.00 Lakhs p.a.)	20.04.21 12.04.21	**2**
Epam (Internship 15 K Per month & Employment Rs.6.00 Lakhs p.a.)	08.01.21 04.01.21	**1**
IHS Markit (Rs.6.00 Lakhs p.a.)	15.02.21 12.02.21	**1**

Phenom People **(Internship 15 K Per month &** **Employment** **Rs.4.50 to 5.05 Lakhs p.a.)**	23.03.21 18.03.21	**3**
Infosys **through -Infosys Certification** **(Rs.3.60 to 5.00 Lakhs p.a.)**	09.10.20 06.10.20 10.09.20	**14**
Merilytics **(Rs.5.00 Lakhs p.a.)**	29.09.20 27.09.20	**3**
Abjayon Consultancy Pvt. Ltd., **(Internship 10 K Per month &** **Employment** **Rs.5.00 Lakhs p.a.)**	09.03.21 02.03.21	**1**
Unschool Learning **(Rs.5.00 Lakhs p.a.)**	03.04.21 23.03.21	**1**
Techigai Private Limited **(During Training Rs.2.40 p.a.** **after Rs. 5.00 Lakhs p.a.)**	17.06.21	**1**
TA Digital **(Rs.4.64 Lakhs p.a.)**	23.02.21 16.02.21	**1**
Invesco (Infra - CSS) **(Rs.4.60 Lakhs p.a.)**	12.07.21 08.07.21 24.06.21	**1**
FTD India **(Rs.4.50 Lakhs p.a.)**	07.07.21 29.06.21	**1**
Cognizant - GenC **(Internship 12 K Per month &** **Employment** **Rs.4.00 Lakhs p.a.)**	30.12.20 22.12.20 01.12.20 20.11.20	**26**
Modak Analytics **(RS.4.00 Lakhs p.a.)**	14.10.20 06.10.20 26.09.20	**5**
CtrlS Cloud4C **(Rs.4.00 Lakhs p.a.)**	17.04.21 08.02.21	**1**
Vassar Labs **(Internship 15 K Per month &** **Employment** **Rs. 4.00 Lakhs p.a.)**	06.05.21 31.03.21	**1**

Company	Dates	Count
Infosys **(Rs.3.60 Lakhs p.a.)**	29.01.21 12.01.21 04.01.21 12.12.20 25.11.20	**9**
Aggne Global IT Services Pvt., Ltd., **(Rs.3.60 Lakhs p.a.)**	19.02.21	**1**
TCS - Ninja **(Rs.3.50 Lakhs p.a.)**	26.12.20 18.10.20 28.09.20 10.09.20	**36**
Hexaware Technologies **(Rs.3.50 Lakhs p.a.)**	11.12.20 09.12.20	**1**
United Online **(Rs. 3.00 Lakhs p.a.)**	12.05.21 01.04.21	**1**
Advintek Pte Ltd **(Rs.3.00 Lakhs p.a.)**	15.07.21 06.07.21 05.07.21	**4**