

**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**


**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MONTHLY REPORT- MARCH-2022.**


**1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums organized:**

- i. The department of CSE as a part of Industry Institute Interaction organised a webinar on “Soft Computing-IT Industry Perspective” for III CSE students on 28-3-2022.


PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY  
(AUTONOMOUS)  
Accredited with A+ grade by NAAC  
Permanently Affiliated to JNTUK , KAKINADA  
Department of Computer Science and Engineering  
*Industry Institute Interaction on*  
**Soft Computing – IT Industry Perspectives**




Date: 28<sup>th</sup> March 2022  
Time: 09:00 AM



Coordinators:  
1. Dr. K. Koteswara Rao  
2. Mrs. M. Sailaja



Resource Person:  
**PHANISEKHAR K**  
Delivery Manger IT  
Value Momentum  
Gachibowli  
Hyderabad



- ii. The department of CSE as a part of Industry Institute Interaction organised a webinar on “Machine Learning and Statistics” for III CSE students on 28-3-2022.

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Department of Computer Science and Engineering  
*Industry Institute Interaction on*  
**Machine Learning and Statistics**



Date: 28<sup>th</sup> March 2022  
Time: 10:30 AM



Coordinators:  
1. Dr. J. Rama Devi  
2. Dr. G. Lalitha Kumari  
3. Mrs. Y. Surekha



Resource Person:  
**ARAVIND GUNDA**  
AI Developer AdvoCare  
TCS USA



- iii. The department of CSE as a part of Industry Institute Interaction organised a webinar on “E-Commerce and Revenue Generation Using Recommendation Systems” for IV CSE students on 28-3-2022.

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Department of CSE  
**E-Commerce and Revenue Generation using  
Recommendation Systems**



28th March 2022  
09.30 A.M



Co-ordinator:  
Ms.A.Ramana Lakshmi

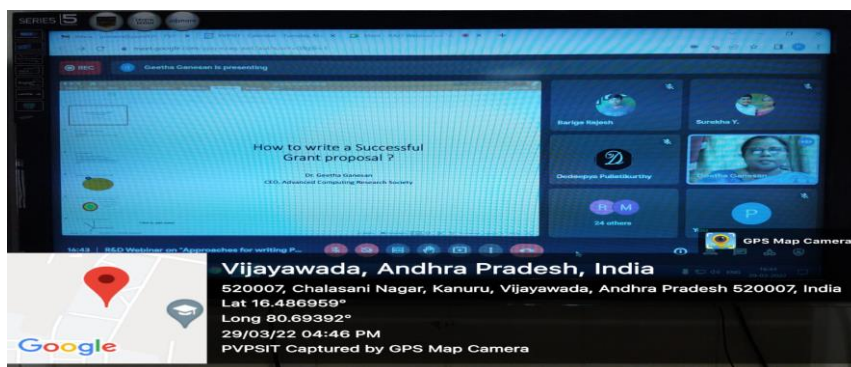


Resource Person:  
**Mr.Anudeepsri Bathina**  
Master of Science in  
Computers and Information Systems  
University of Massachusetts  
Dartmouth



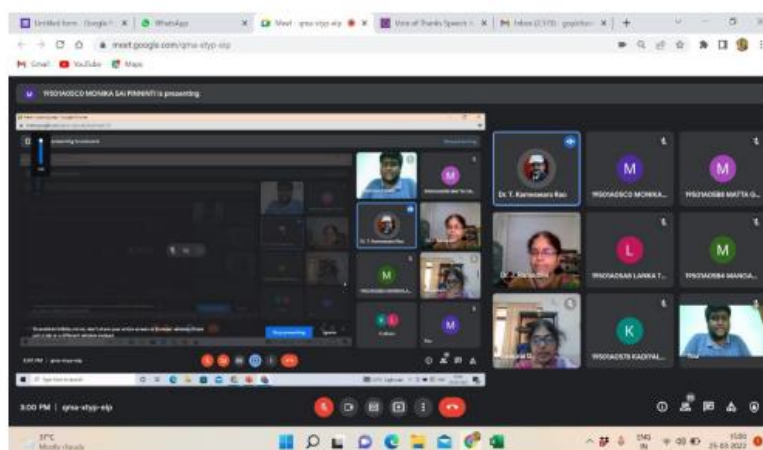
iv. The department of CSE- R&D organised a webinar for faculty on "Approaches for writing Proposals for Funding Schemes" on 29-03-2022.

Coordinator: Dr. K. Koteswara Rao, Assoc. Prof.



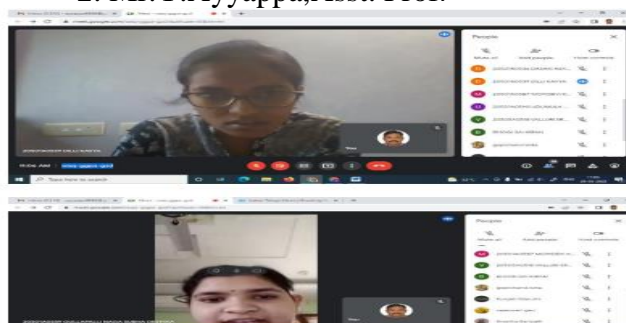
v. As a part of **SITAR-2K22** the department of CSE organized event “**Tech Idea Presentation**” on 25-3-2022. A total of 31 participants have registered in the event. Dr. T. KAMESWARA RAO Professor, Dept. of CSE (Designation), from VVIT Guntur(Institute) acted as honorable judge.

Event Coordinator(s): 1. Dr . J . Rama Devi, Sr.Asst. Prof.  
2. Ms .D. Swapna, Asst. Prof.



vi. As a part of **SITAR-2K22** the department of CSE organized event “**Tech JAM**” on 25-3-2022. A total of 57 participants have registered in the event. Dr. N. Rajeswari (Designation), from Gudlavalleru (Institute) acted as honorable judge.

Event Coordinator(s): 1. Ms.A.Divya, Asst. Prof.  
2. Mr.Y.Ayyappa,Asst. Prof.



2. **Papers presented in Seminars/Conferences/Symposiums by the faculty: NIL**
3. **Workshops/ Seminars/STTP/Conferences/Faculty Development Programmes/Awareness programmes attended by the faculty:**
  - a) **Seminars/Webinars: NIL**
  - b) **Workshops: NIL**
  - c) **STTP/STCs: NIL**
  - d) **Faculty Development Programmes: NIL**
  - e) **Guest Lectures: NIL**
  - f) **Awareness programmes/Interaction meet/ Certification Courses/Quizzes, etc: NIL**
  - g) **Conferences: NIL**
  - h) **Coursera: NIL**
  - i) **NPTEL: NIL**
  - j) **Projects applied for external agencies: NIL**
4. **Publications by the faculty (National/International Journals/ Conferences):**
  - a) **Scopus indexed journals:**
    1. Ms.A.Madhuri, Dr.S.Phani Praveen and D.Lokesh Sai Kumar published a paper “A New Multi-Level Semi-Supervised Learning Approach for Network Intrusion Detection System Based on the ‘GOA’ in Journal of Interconnection Networks, ISSN:1793-6713 (**Scopus Indexed**)
  - b) **SCI/SCIE/ESCI indexed journals:**
    1. Dr.J.Rama Devi published a paper “ Evaluation of estimation in software development using deep learning-modified neural network” in Applied Nanoscience, Springer Nature, Feb-2022 with ISSN: 2190-5517.(SCIE Indexed)
  - c) **IEEE/Springer/Others Conferences:**
    1. Ms.D.Swapna presented and published a paper “Diagnosing for Liver Disease Prediction in Patients using Combined Machine Learning Models” in 4th International Conference

- on Smart Systems and Inventive Technology” in 20-22 Jan-2022, ISBN:978-1-6654-0118-0 (IEEE Conference)
2. Ms.D.Swapna presented and published a paper “Segmentation of Potholes From Road Images” in 4th International Conference on Smart Systems and Inventive Technology” in 20-22 Jan-2022, ISBN:978-1-6654-0118-0 (IEEE Conference)
  3. Ms.A.Madhuri presented and published a paper “Brain Tumor Segmentation using U-Net based on Inception” in International Conference on Artificial Intelligence and Smart Energy, ISBN: 978-1-6654-0052-7 (IEEE Conference)
  4. Dr.S.Phani Praveen presented and published a paper “Smart and Multi-Way Attendance Tracking System Using An Image-Processing Technique” in 4th International Conference on Smart Systems and Inventive Technology” in 20-22 Jan-2022, ISBN:978-1-6654-0118-0 (IEEE Conference)
  5. Dr.S.Phani Praveen presented and published a paper “Automating the Creation of Machine Learning Algorithms using basic math” in 4th International Conference on Smart Systems and Inventive Technology” in 20-22 Jan-2022, ISBN:978-1-6654-0118-0 (IEEE Conference)
  6. Dr.J.Ramadevi presented and published a paper ”Machine Learning Techniques for the Energy and Performance Improvement in Network-on-Chip(NoC)” in 4th International Conference on Computing and Communication Technologies, 16th and 17th Dec-21 in Chennai, India
  7. Ms.A.Divya and Ms.D.Sree Lakshmi presented and published a paper “Smart Health Monitoring using IOT” in International Cappadocia Scientific Research Congress, 15th - 17th Dec-21.
  8. Ms.D.Sree Lakshmi and Ms.A.Divya published and presented a paper “Phishing Web Sites Features Extraction based on Machine Learning” in International Cappadocia Scientific Research Congress, 15th -17th Dec-21.

**d) UGC/other journals:**

1. Dr.J.Ramadevi published a paper “Conditional Density Based Statistical Prediction” in Stochastic Modeling & Applications, Vol-26 and Issue-3,Mar-22, ISSN:0972-3641 (UGC)
2. Ms.D.Swapna published a paper “Blockchain Oriented hyperledger based performance driven framework for mass e-voting”, in Intelligent Decision Technologies, Vol-15, Issue-4, Jan-21, ISSN:1872-4981

3. Mr.K.Vijay Kumar has published a paper “Efficient human activity recognition with privacy solving the public and private activities of videos and images via deep learning”, in Advances and Applications in Mathematical Sciences, Vol-21,Issue-1 ISSN:0974-6803 (UGC)
4. Ms.D.Sree Lakshmi and Ms.A.Divya published a paper” Performance of Heterogeneous Ensemble Approach with Traditional Methods based on Software Defect Detection Model” in Journal of Theoretical and Applied Information Technology, Vol-100, Issue-4, ISSN:1817-3195
5. D.Lokesh Sai Kumar a paper “Efficient way to apply the data mining primitives in real world applications Effectively” in Stochastic Modeling & Applications, Vol-26 and Issue-3,Mar-22, ISSN:0972-3641 (UGC)
6. Mr.A.Yuva Krishna published a paper “Efficient way to measure the oxygen level in water using IOT Devicies” in Stochastic Modeling & Applications, Vol-26 and Issue-3,Mar-22, ISSN:0972-3641 (UGC)

**e) Conference Proceedings: NIL**

**f) Book chapters: NIL**

**g) Books: NIL**

**5. Faculty Achievements (Patents, Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Resource person etc.):**

**a) Patents:**

1. Mr. S. Krishna Kishore published a patent “Automated Inspection of Transmission Lines/Cell Tower using Virtual Reality” with Applicaion No.: 202241013632 on 12-03-2022.

**b) Ph.Ds awarded: NIL**

**c) Guest lectures delivered: NIL**

**d) Reviewers of journals: NIL**

**6. Faculty Participation (as a Judge, Guest, or BOS member & chairing a session, etc.):**

- i. Dr. A. Jaya Lakshmi, appointed as Subject expert for conducting JNTUK Assistant Professor ratification interviews on 19-3-2022 at PSCMR College of Engineering & Technology, Vijyawada.

**7. MOOCs courses completed by the faculty: NIL**

**8. Industrial Visits: NIL**

## 9. APSSDC: NIL

## 10. Students' achievements:

### a) Co-curricular Activities:

1. Mr. K. Narendra of III CSE secured First place in QUIZITE event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
2. Ms. K. Pujitha of III CSE secured First place in ECE paper presentation event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
3. Ms.A. Sahithya II CSE secured First place in SWAM QUIZ event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
4. Ms. CH. Sriharsha of III CSE secured First place in TECH IDEA PRESENTATION event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
5. Mr. A. Karthik III CSE secured second place in TECH JAM event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
6. Ms. K.Poojitha of II CSE secured second place in QUIZITE event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
7. Ms. M. Gayathri , Ms. K. Aishwarya , Mr. K. Gopi Chand team of III CSE secured second place in TECH IDEA PRESENTATION event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
8. Ms. G. Puspini of II CSE secured third place in QUIZITE event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
9. Ms. M. Gayathri of III CSE secured third place in ECE paper presentation event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
10. Ms. M. Gayathri of III CSE secured third place in IDEATHON event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
11. Mr. G.Harikrishna II CSE secured third place in TECH JAM event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
12. Ms. L. Tejaswi of III CSE secured third place in TECH IDEA PRESENTATION event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
13. Ms. N. Jaya lakshmi of III CSE secured Certificate of Appreciation in the event Reverse Coding at Shaastra 2022, IIT Madras on 11-03-2022.
14. Ms. N. Jaya lakshmi of III CSE secured Certificate of Appreciation in the event Shaastra Programming Contest at Shaastra 2022, IIT Madras on 11-03-2022.
15. Ms. B. Kanaka Aparna of III CSE has participated in the event Code Play in Roboweeek 2.0 Contest conducted from 21.03.2022 to 27.03.2022 organized by Robotics society at NIT Hamirpur.

## b) Extra-curricular Activities:

1. Ms .L. Tejaswi of III CSE secured First place in Singing event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
2. Ms. V.S.N. Himaja of II CSE secured First place in EXTEMPORE event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
3. Ms. M. Gayathri of III CSE secured First place in logo making event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
4. Mr. K.chaitanya of II CSE secured second place in logo making event organized by , PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022.
5. A total of 241 participants have registered (III BTech 129 students and II B.Tech 112 students) and participated in various events organized by PVP Siddhartha Institute of Technology on the eve of SITAR2K22 TECHNO FEST 25-03-2022 and 26-03-2022.



c) Coursera/NPTEL/Other Certification details of the students: NIL

d) Student Publication: NIL

e) Internships: NIL

## 11. Higher Education:

### GATE LIST

S.NO	REG.NO	NAME	Exam Reg No	SCORE (%)	All India Rank
1	18501A05A6	Tayyaba Shaheen	CS22S16114259	32(442)	4863

## 12. Other Information:

- 2 students of IV CSE got selected in HSBC with a package of 9 LPA



Sl.No	Roll Number	Name of the student
1	18501A0 554	Ms. K.Naga Vigneswari
2	18501A05A1	Ms. Sk. Sana Muthaharunnisa

- **1 student of IV CSE got selected in NTT with a package of 5 LPA.**

Sl.No	Roll Number	Name of the student
1	18501A0 596	Ms. P. Sarayu

- **1 student of IV CSE got selected in Infosys with a package of 3.5 LPA**

Sl.No	Roll Number	Name of the student
1	18501A0 5B3	Ms. V. Harshitha

- **14 student of III CSE got selected in HEXAWARE with a package of 4LPA**

Sl.No	Roll Number	Name of the student
1	19501A0550	Mr. D. Jaswanth sai
2	19501A0572	Mr. J. Jaswanth
3	19501A0573	Mr. J.Tejesh
4	19501A0576	Ms. U. Joshitha Sai
5	19501A0586	Mr. A. Karthik
6	19501A0589	Ms. K. charishma
7	19501A0590	Ms. K. Ameesha
8	19501A0596	Ms. K.Pooja Sri
9	19501A05A3	Mr. K.Gopi Chand
10	19501A05B1	Ms. M.Geeshma Sri Sai
11	19501A05B3	Ms. M. Rupaswi
12	19501A05C1	Ms. R. Mounisha
13	19501A05J2	Mr.Y. Rohith Kumar
14	20505A0511	Ms. M. Kavya sree

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