

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MONTHLY REPORT-MARCH-2023.

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

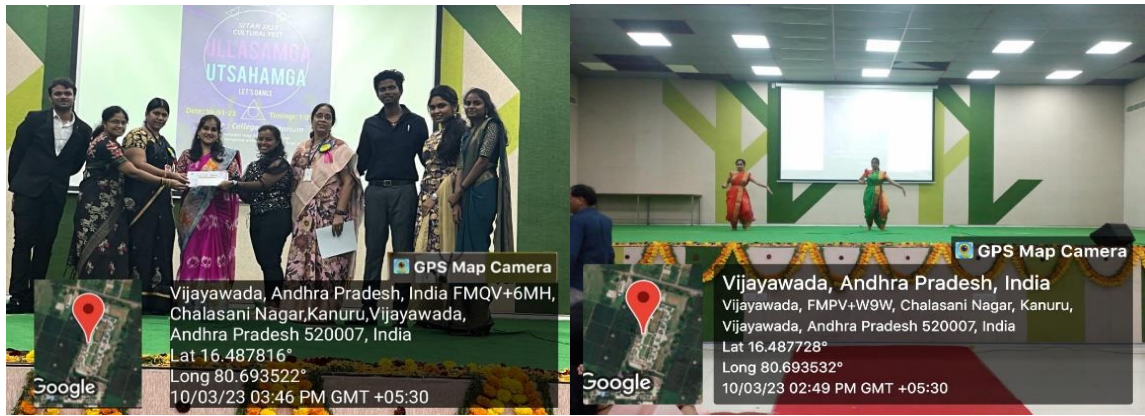
- i. **The department of CSE organized “Nidhi Anveshana”** event on 10-3-23 as a part of SITAR 2K23. 68 teams participated in the event. The event is conducted in 3 rounds .First round is a puzzle round from 68 teams 30 teams went to round-2 that is anveshana.Among 30 teams 20 teams participated in round-3 that is the coding round. A total of 136 participants have registered and participated.



Coordinators: 1.Ms. D. Swapna, Asst. Prof.

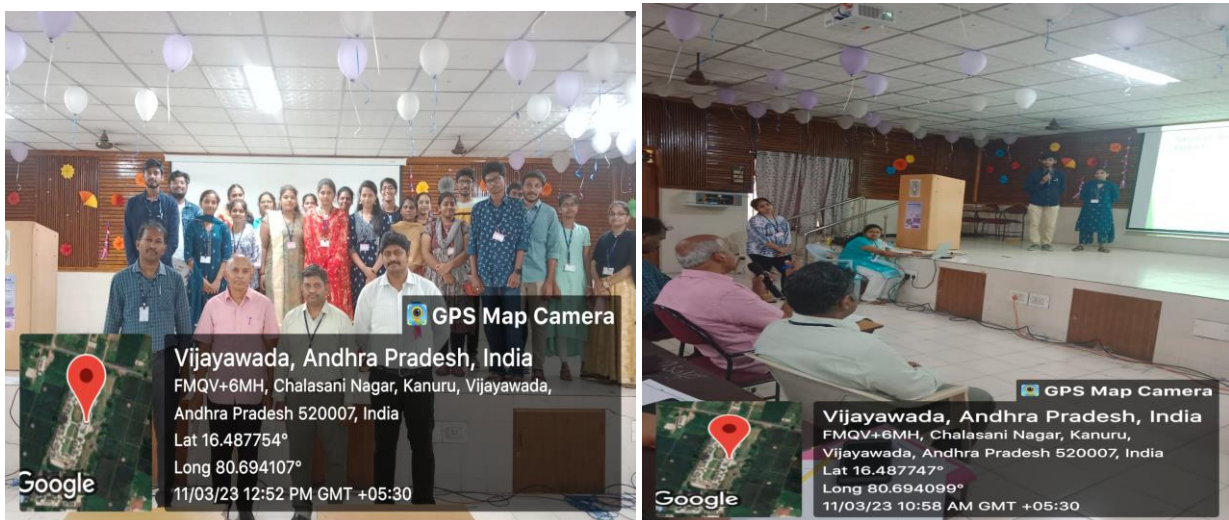
2.Mr. V. Rajesh, Asst. Prof.

- ii. **The department of CSE organized “Ullasamga Utsahamga”** event on 10-3-23 as a part of SITAR 2K23. Ullasamga Utsahamga is basically a Cultural dance event which consists of one round. There were solo and group dance performances. The maximum time duration for each performance was 4 minutes. A total of 79 participants have registered and participated



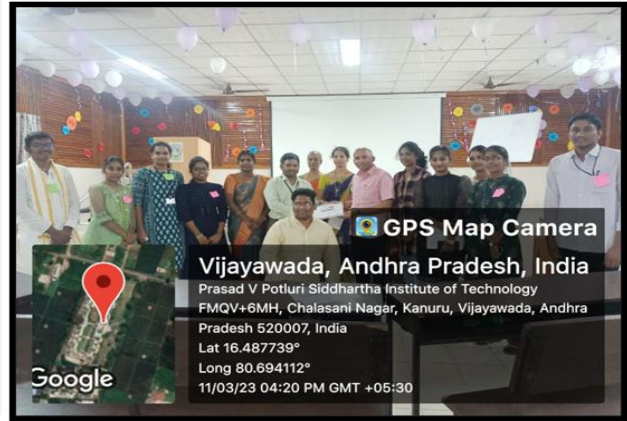
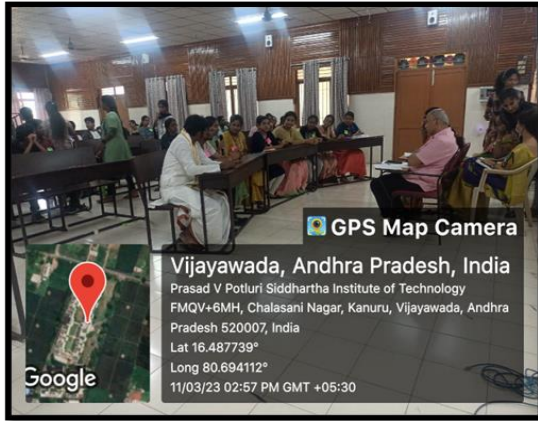
Coordinators: 1. Ms. D. Sree Lakshmi, Asst. Prof.
2. Mr. M. Ram Gopal, Asst. Prof.

- iii. **The department of CSE organized “kraya vikraya” event on 10-3-23 as a part of SITAR 2K23. A total of 10 Teams have participated.**



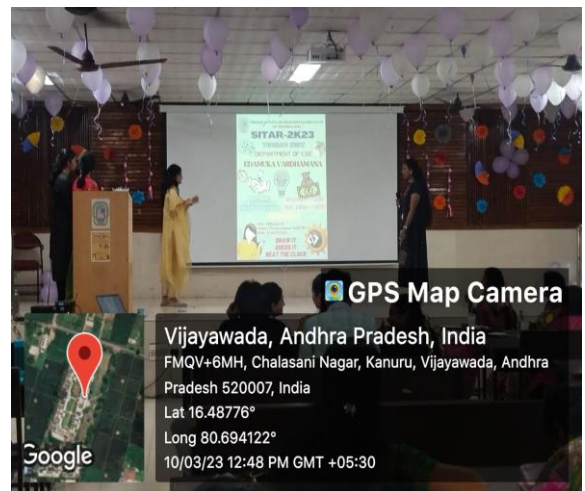
Coordinators: 1. Ms. Y. Manasa, Asst. Prof.
2. Mr. A. Prasanth, Asst. prof.

- iv. **The department of CSE organized Vakchaturyam event on 11-3-23 as a part of SITAR 2K23. Vakchaturyam is basically a Group Discussion Event, which consists of 2 Rounds. In First Round, 4 Teams were participated with 8 members each, and given 2 minutes duration for each person. In Second Round ,i.e Final Round , 8 persons from the First Round were Qualified to the 2 nd Round which is of the same duration. A total of 43 participants have registered and participated.**



Coordinators: 1. Dr. M. Sailaja, Asst. Prof.
2. Ms. Y. Surekha, Asst. prof.

- v. **The department of CSE organized “Edamuka vardhamana” event on 10-3-23 as a part of SITAR 2K23. A total of 72 participants have registered and participated**



Coordinators: 1. Ms. T. Sri Lakshmi, Asst. Prof.
2. Ms. V.Swathi, 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:**

- i. Mrs V.Swathi, Ms. D. Deedepya, Mr S.krishna Kishore participated 5-Days National Seminar on "Emerging Trends in Intelligent Computing" organized by VIT-AP University, Amaravati from 14-03-23 to 18-03-23.
- ii. Dr. M. Sailaja participated in the International Webinar on Demystifying Cloud, Containers & Automation hosted by Botho University, Botswana in association with ipsr solutions limited, India on 10-3-2023.

b) Workshops: NIL

c) STTP/STCs: NIL

d) Faculty Development Programmes:

- i. Mrs A.Ramana Lakshmi participated in 1-Week online FDP on "Foundations and applications of AI in Healthcare organized by ANITS in collaboration with shodhguru innovation and research labs, Vishakapatnam from 16-1-23 to 20-1-23.
- ii. Ms. D.Sree Lakshmi, Ms. A.Divya, Ms. P.Dedeeepya participated in 2-Weeks online FDP on "Machine Learning and Deep Learning Applications" organized by E&ICT , NITW in association with CMR Engineering college, Hyderabad from 13-02-23 to 22-02-23.
- iii. Dr. G. Lalitha Kumari, Dr. M. Sailaja, Ms. Y. Surekha participated in Online faculty Development Programme on "Machine Learning for Data Analytics" sponsored by Ministry of Electronics & Information Technology GoI organized by E&ICT , NITW and NITT from 20-2-23 to 2-3-23.
- iv. Dr. M. Sailaja participated in 1-Week online FDP on "Advanced Excel with Data Visualization " organized by E&ICT Academy , IIT Kanpur from 13-02-2023 to 17-02-202

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:

- i. Dr. P Naga Srinivasu received a grant of **Rs.3,30,092/-** for the project " Smart Security Framework for Sensor Data in Ambient Assisted Tech.(SSD-AAT) " with Grant Number 2965 from Deanship of Scientific Research, Saudi Arabia.
- ii. Dr. G. Lalitha Kumari, Dr. K. Koteswara Rao and Ms. Y. Surekha applied a project "Developing Augmented reality app for heritage sites of Andhra Pradesh" of worth Rs.

56,72,956/- to SHRI Programme or Scheme : Science and Heritage Research Initiative SHRI with TPN:88940 on 28-3-23.

- iii. Dr. R. Daniel and Dr. S. Madhavi applied a project “DGas-Watch: Development of Digital Gas Pipeline Leakage Detector Sensor based on Artificial Intelligence of Things” of worth **Rs. 42,65,000/-** to SERB on 17-3-23.

4. Publications by the faculty (National/International Journals/ Conferences):

a) Scopus indexed journals:

- i. Dr.A.Jaya Lakshmi published a paper “Swarm Based Optimization for Image Dehazing from Noise Filtering Perspective” in Ingeniere des Systemes d’Information, Vol-27, Issue-4, Aug-2022, with ISSN: 1633-1311 (**SCOPUS**)

b) SCI/SCIE/ESCI indexed journals:

- i. Ms.T.Sree Lakshmi published a paper “Hyper Parameter Optimization for Transfer Learning of ShuffleNetV2 with Edge Computing for Casting Defect Detection” in Journal of Scientific & Industrial Research, Vol-82, Feb-2023, with ISSN: 0022-4456 (**SCI**)
- ii. Mr.D.Lokesh Sai Kumar published a paper “Factors determining customers desire to analyse supply chain management in intelligent IoT” in Journal of Combinatorial Optimization, Vol-45, Issue-3, with ISSN:1573-2886 (**SCI**) (**SCOPUS**)
- iii. Ms.Y.Manasa published a paper “Recognition of home activities for incomplete spinal cord injury areas utilizing models of hidden Markov simulation” in Signal, Image and Video Processing, Mar-23, Issue-2, with ISSN: 1863-1711 (**SCI**) (**SCOPUS**)

c) IEEE/Springer/Others Conferences: NIL

d) UGC/other journals:

- i. Dr.A.Jaya Lakshmi published a paper “Image De-Hazing based on Krill Herd Optimization Algorithm” in Intelligent Systems and Applications in Engineering ,Vol-11, Issue-1, Jan-23, with ISSN:2147-6799

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: NIL**
- b) **Ph.Ds awarded: NIL**
- c) **Guest lectures delivered: NIL**
- d) **Awards/Rewards Received: NIL**
- e) **Reviewers of journals: NIL**

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

7. MOOCs courses completed by the faculty: NIL

8. Industrial Visits: NIL

9. APSSDC: NIL

10. Students' achievements:

a) Co-curricular Activities:

1. Ms.E.Vijayalakshmi and G.Aparna. of III CSE secured First place in Nidhi anveshanam event organized by CSE , PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 10-03-2023.
2. Mr.M.Dharma Teja and K.Chaitanya. of III CSE secured Second place in Nidhi anveshanam event organized by CSE , PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 10-03-2023
3. . Ms. A.Devi CSE A.Amuktha Sai of II CSE secured First place in Edamuka Vardhamana event organized by , CSE,PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 10-03-2023.
4. Ms. T.Pujitha and Y.Sai Bhargavi, SRGEC,Gudlavalleru of II CSE secured Second place in Edamuka Vardhamana event organized by , CSE,PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 10-03-2023.
5. Mr.D.Nokesh of IV Mechanical secured First place in Kraya Virkaya Kridaevent organized by CSE, PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 11-03-2023.
6. Ms. K. Lalitha,,N.Devi Sri,K.Preethi of I CSE secured Second place in Kraya Virkaya Kridaevent organized by CSE, PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 11-03-2023.

b) Extra-curricular Activities:

1. Mr. Y.Gangadhar,G.Vamsi,J.Seshu Kumar of III CSE,Nalanda Degree college secured First place in Ullasamga Utsahamga event organized by CSE, PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 10-03-2023.
2. Ms. T.Yasaswi of IV CSE secured Second place in Ullasamga Utsahamga event organized by CSE, PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 10-03-2023.

3. Mr. G.Satwik of III CSE,Baptla Engineering College secured First place in Group Discussion (Vakchaturyam) event organized by CSE, PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 11-03-2023.
4. Ms. S. S. P. V. Sai Lakshmi of II CSE secured Second place in Group Discussion (Vakchaturyam) event organized by CSE, PVP Siddhartha Institute of Technology on the eve of SITAR2K23 TECHNO FEST 11-03-2023.

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

d) Student Publications:

- i. P.Sai Chaitanya, P.Sai Naga Pramod, Y.Rohit Kumar, S.Karthikeya, Ms.D.Swapna and Dr.S.Phani Praveen presented and published a paper “Brain Metastasis Tumor Detection using Image Segmentation and VGG16 Architecture”, in 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) with ISBN: ISBN: 978-1-6654-7467-2 (**Scopus**)
- ii. A.Srinath Reddy, G.Bhargav Ramudu, A.Bhanu Anish, A.Mahadev, Dr.S.Phani Praveen and Ms.D.Swapna presented and published a paper “Network Monitoring Model based on Convolutional Neural Networks for Unbalanced Network Activity” in 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) with ISBN: ISBN: 978-1-6654-7467-2 (**Scopus**)
- iii. Farroq Baig, D.Jaswanth Sai, G.K.Michael , A.Lakshman ,Mr.D.Lokesh Sai Kumar and Ms.A.Madhuri presented and published a paper “CNN based Mood Detection using Facial Expression” 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) with ISBN: ISBN: 978-1-6654-7467-2 (**Scopus**)

e) Internships: NIL

11. Higher Education:

IELTS LIST

S.NO	REG.NO	NAME	Exam Reg No	SCORE
1.	20505A0510	Kanikanti Siva Kesava	W9798115	6.0 JAN, 2023
2.	18501A0510	Venkata Sai Saketh Bandi	S7095293	7.0 Mar,2023

GATE

S.NO	REG.NO	NAME	Exam Reg No	SCORE (%)	All India Rank
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1	19501A05B6	Mannam Vamsi Krishna	CS23S16110272	56.67(622)	1024
2	19501A05C2	Mukkapati Rohith	CS23S16110007	52.33(573)	1646
3	20501A0528	Chenikala Rakesh	CS23S16110625	30.67(329)	12731

12. Other Information:

- **2 students of IV CSE got selected for Deloitte NLA with a package of 4.5 LPA**

Sl.No	ROLL NUMBER	Name Of The Student
1	19501A0568	Mr. G. Sai Venkata Naga Sudarshan Susheel
2	19501A0593	Mr. K. Sai Manikanta
