

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MONTHLY REPORT- JANUARY-2023.

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

- i. The Department of CSE organized a Guest Lecture on “Emerging Trends in AI & ML Applications” on 3-1-2023.



Resource Person: 1. Dr. Rakesh Misra, Director, R & D Engineer, VM Ware, an Francisco.
2. Dr. Sarvya Nimmagadda, Senior Deep Learning Scientist, Autonomous Vehicles, NVIDIA, San Francisco.

Coordinators: 1. Dr. M. Sailaja, Asst. Prof.
2. Ms. V. Swathi, Asst. Prof.

2. Papers presented in Seminars/Conferences/Symposiums by the faculty:

- i. Dr B.Lakshmi Ramani presented a paper “Traffic sign Recognition and Detection using CNN” in 6th International Conference on Electronics, Communication and Aerospace Technology (ICECA 2022) organized by RVS Technical Campus, Coimbatore, Tamilnadu, India from 01-12-22 to 3-12-22.
- ii. Dr. S. Phani Praveen and Mrs D.Swapna presented a paper “Brain Metastatic Tumour detection using Image segmentation and VGG16 Architecture “ in 5th International Conference on Smart Systems and Inventive Technology (ICSSIT) organized by Francis Xavier Engineering College Tirunelveli, India from 23-1-23 to 25-1-23.

- iii. Dr. S. Phani Praveen and Mrs D.Swapna presented a paper “A Network Monitoring model based on convolution neural networks for unbalanced network activity” in 5th International Conference on Smart Systems and Inventive Technology (ICSSIT) organized by Francis Xavier Engineering College Tirunelveli, India from 23-1-23 to 25-1-23.

3. Workshops/ Seminars/STTP/Conferences/Faculty Development Programmes/Awareness programmes attended by the faculty:

a) Seminars/Webinars: NIL

b) Workshops: NIL

c) STTP/STCs:

- i. Mr B.Vishnu Vardhan participated in 1-Week online STTP on "Applications of Machine Learning and Deep Learning in Image and Video Processing” organized by Centre for Continuing Education National Institute Of Technology, Warangal & Department of Electronics & Communication Engineering Sreenidhi Institute of Science and Technology, Hyderabad from 27-12-22 to 31-12-22

d) Faculty Development Programmes: NIL

e) Guest Lectures:

- i. Mrs V.Swathi participated in One Day Foreign Guest Lecture on " “Digital Transformation of Modern Business : The 4th Industrial Revolution” organized by School of Computer Science & Engineering (SCOPE), VIT-AP University on 2-12-22.

f) Awareness programmes/Interaction meet/ Certification Courses/Quizzes, etc:

- i. Mrs V.Swathi completed 2-Weeks certification course on "Machine Learning:Natural Language processing in Python (V2) organized by Udmy from 10-1-23 to 23-01-23.

g) Conferences: NIL

h) Coursera: NIL

i) NPTEL: NIL

j) Projects applied for external agencies:

Dr. S. Madhavi and Dr. B. Lakshmi Ramani applied a project "**Secured multi party computation using Tree parity Machine Neural machine learning "** to SERB of worth Rs. 28,80,000. in the month of January-2023.

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

a) Scopus indexed journals:

- i. Ms.A.Ramana Lakshmi published a paper “ Intelligent Financial Fraud Detection using NODE2VEC and Machine Learning Models” in Advanced Engineering Science, Vol-54, Issue-2, Dec-22, ISSN: 2096-3246 (**Scopus Indexing**)

b) SCI/SCIE/ESCI indexed journals: NIL

c) IEEE/Springer/Others Conferences:

- i. Ms.T.Sri Lakshmi and Dr.B.Lakshmi Ramani presented and published a paper “An Ensemble Model to Detect Parkinson’s Disease Using MRI Images” in International Conference on Information Systems Design and Intelligent Applications ,Vol-494, ISBN:978-981-19-4863-3. (**Scopus Indexed**)
- ii. Dr.S.Phani Praveen presented and published a paper “An Adaptive Load Balancing Technique for Multi SDN Controllers” in International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), ISBN: 978-1-6654-8962-1. (**IEEE**) (**Scopus Indexing**)
- iii. D.Lokesh Sai Kumar presented and published a paper “Secured Data Access Management for Cyber Threats using Artificial Intelligence” in 6th International Conference on Electronics, Communication and Aerospace Technology, ISBN: 978-1-6654-8271-4 (**IEEE**) (**Scopus Indexing**)

d) UGC/other journals: NIL

e) Conference Proceedings: NIL

f) Book chapters:

- i. Dr.J.Rama Devi published a book chapter “Detection of Cyber Crime Based on Facial Patterns Enhancement Using Machine Learning and Image Processing Techniques” in Book “Using Computational Intelligence for the Dark Web and Illicit Behavior Detection” July-2022, ISBN: 9781668464441 (**Scopus**) DOI: 10.4018/978-1-6684-6444-1

g) Books: NIL

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

a) Patents:

- i. Ms. D. Sree Lakshmi and Ms. A. Divya got grant for the patent “**Virtual Shopping Facilitation Module Associated with Robotic Cart and Augmented Reality Glasses**” with Patent No.:418613 on 19-1-2023.

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:NIL

b) Extra-curricular Activities:

- i. P. Mounika Sai (19501A05C0) of IV CSE won the 1st Prize and received Rs. 50,000 cash voucher in season 1 of the Miss and Mrs. Sathyabhama Traditional Fashion Show-2023 program competitions organized by Sreshtas Boutique in association with Neha Events on January 21st, 2023, in Vijayawada.

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

d) Student Publications: NIL

e) Internships: NIL

11. Higher Education:

GRE LIST

S.NO	REG.NO	NAME	Exam Reg No
1.	19501A0504	Bhanu Anish Akkineni	1404756 December 30, 2022
2.	19501A0517	Alekhya Ayinam	1789802 January 3, 2023
3.	19501A0572	Jaswanth Jampani	1526908 October 29, 2022
4.	19501A0589	charishma kethineedi	1450406 December 3, 2022
5.	19501A05B2	Keerthi Sahithi Mandapaka	0373647 December 18, 2021
6.	19501A05B3	Rupaswi Mandava	1458813 September 26, 2022
7.	19501A05B4	Mangalapurapu Tejaswi	1714173 January 29, 2023
8.	19501A05D5	Kiranmai sai lakshya Nimmagadda	1493268

			December 29, 2022
9.	19501A05I6	Varshitha Vankadaru	1786733 January 20,2023

IELTS LIST

S.NO	REG.NO	NAME	Exam Reg No	SCORE
1.	19501A0504	Bhanu Anish Akkineni	V5417809	6.5
2.	19501A0533	Bolem Lasya Naga Sai Priya	W2259627	7.0 Sep, 2022
3.	19501A0572	Jaswanth Jampani	062109	7.0 Jan,2023
4.	19501A0594	Kodeboyina Uday Kiran	W3572216	6.5 Oct,2022
5.	19501A05A2	Koneru Ananya	W2218908	7.0 Jan,2023
6.	19501A05A3	Kota Gopichand	W5823567	6.0 Jan, 2023
7.	19501A05A5	Kothapalli Ramya	W5813816	7.0 Jan, 2023
8.	19501A05B1	Maddipati Geeshma Sri Sai	W5819604	7.5 Nov, 2022
9.	19501A05B4	Mangalapurapu Tejaswi	W5816543	7.5 Nov,2022
10.	19501A05C4	Mulpuri Phani Madhavi Chowdary	U8444277	7.0 Jan,2023

TOFEL LIST

S.NO	REG.NO	NAME	Exam Reg No	SCORE
1.	19501A05I6	Varshitha Vankadaru	4644 0122 2796 8343	101

DUOLINGO ENGLISH TEST

S.NO	REG.NO	NAME	DATE OF EXAM	SCORE
1.	19501A0598	Kommineni, Hemanth	DECEMBER 31, 2022	115
2.	19501A05B2	Keerthi Sahithi Mandapaka	JANUARY 26, 2023	130

12. Other Information:

- **7 students of IV CSE got selected for HCL with a package of 6 LPA**

Sl.No	ROLL NUMBER	Name Of The Student
1	19501A0505	Mr. A. YAswanth
2	19501A0507	Ms. A. Geethika
3	19501A0533	Ms. B. Lasya Naga Sai Priya
4	19501A0535	Ms. B. Keerthika
5	19501A0584	Mr. K. Bala Kalyan
6	19501A05H2	Ms. S. Padma Priya
7	19501A05J1	Ms. V. Voshma Reddy

- **3 students of IV CSE got selected for HEXAWARE with a package of 6 LPA**

Sl.No	Roll Number	Name of the student
1	19501A05B0	Mr. M. Sandeep
2	19501A05H2	Ms. S. Padma Priya
3	19501A05H3	Ms. S. Pragna Sri

- **7 students of IV CSE got selected for TCS Digital with a package of 7 LPA**

Sl.No	ROLL NUMBER	Name Of The Student
1	19501A0503	Mr. A. Srinadh Reddy
2	19501A0517	Ms. A. Alekhya
3	19501A0542	Ms. Ch. Prasanna Chandrika
4	19501A0556	Ms. G. Bhargava Ramudu
5	19501A0578	Ms. K. Pujitha
6	1950A05B8	Ms. M. Gayathri
7	19501A05G0	Ms. S. Mukesh Choudary
