

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

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MONTHLY REPORT-JULY-2023.**

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

- i. The department of CSE as apart of Industry Institute interaction organized a Two day hands on workshop on “**Project based MERN Stack Development**” for IV B.Tech students on 14<sup>th</sup> and 15<sup>th</sup> July 23.

Resource Persons: 1.K.Keerthi,Senior S/W Developer, Value Labs

2. A.Srikanth, Infosys

3. M. Niharika, Cognizant

Coordinators:1. Dr.P.Sai Kiran, Prof.,

2.Mr.B. Vishnu Vardhan, 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:**

- i. Mr.P.Anil Kumar participated in the One Day NationalVWorkshop on "DATA ANALYTICS" organized by Department of Computer Science and Engineering, AKINU College of Engineering, Adikavi Nannaya University, Rajamahendravaram in Association with NIT AP, JNTUK & Dr.YSRHU on 27th June 2023.
- ii. Mr.P.Anil Kumar, Ms. A. Ramana Lakshmi and Sr. M. Sailaja attended a one-day Workshop on “TEACHING FOR EXCELLENCE” organized by DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada on 5 th July, 2023.

**c) STTP/STCs: NIL**

**d) Faculty Development Programmes:**

- i. Dr. R. Daniel, Dr. J. Rama Devi, Dr.S.Phani Praveen, Dr. G. Lalitha Kumari, Dr. M. Sailaja, Ms.Y. Surekha, Ms. Y. Manasa, Ms. P. Dedeepya, Ms. Shilpee Kumari, Mr. K. Michael Sadguna Rao completed 1 week online FDP on “Machine Learning-In Practise” organised by LBRCE, Mylavaram from 19-6-23 to 24-6-23.

**e) Guest Lectures: NIL**

- f) Awareness programmes/Interaction meet/ Certification Courses/Quizzes, etc: NIL**
- g) Conferences: NIL**
- h) Certification Courses: NIL**
- i) NPTEL: NIL**
- j) Projects applied for external agencies: NIL**

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

**a) Scopus indexed journals: NIL**

**b) SCI/SCIE/ESCI indexed journals:**

- i. Dr.P.Naga Srinivasu published a paper “A Software Framework for Intelligent Security Measures Regarding Sensor Data in the Context of Ambient Assisted Technology” in Sensors, Vol-23, July-23, ISSN: 1424-8220 **(SCI) (SCOPUS)**
- ii. Dr.R.Daniel published a paper “Quantum Dwarf Mongoose Optimization With Ensemble Deep Learning Based Intrusion Detection in Cyber-Physical Systems” in IEEE Access, Vol-11, Jun-23, ISSN:2169-3536 **(SCI) (SCOPUS)**
- iii. Dr.Naga Srinivasu published a paper “A unified metering system deployed for water and energy monitoring in smart city” in IEEE Access, July-23, ISSN: 2169-3536

**c) IEEE/Springer/Others Conferences: NIL**

**d) UGC/other journals:**

- i. Dr.R.Daniel published a paper “Modified Metaheuristics with Transfer Learning Based Insect Pest Classification for Agricultural Crops”, in Computer Systems Science and Engineering, Vol-46, Issue-3, April-23, ISSN:0267-6192
- ii. Dr.R.Daniel published a paper “ENHANCING ROUTING IN SENSOR NETWORKS USING DFO-PEG”, in Dogo Rangsang Research Journal, Vol-13, Issue-4, April-23, ISSN:2347-7180
- iii. Mr.L.V.Krishna Rao published a paper “Evaluative Study of Machine Learning Classifiers in Predicting Heart Failure: A Focus on Imbalanced Datasets”, in International Information and Engineering Technology Association, Vol-28, No-3, June-23, ISSN: 1633-1311.
- iv. Dr.G.Lalitha Kumari, Dr. K.Koteswara Rao and Ms. Y. Surekha published a paper “Autism Spectrum Disorder Detection Using Facial Images and Deep Convolutional Neural Networks” in International Information and Engineering Technology Association, Vol-37, No-3, June-23, ISSN: 1633-1311.

**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. **Student Awards/Gold Medals:NIL**
- b. **Co-curricular Activities:NIL**
- c. **Extra-curricular Activities: NIL**
- d. **Coursera/NPTEL/Other Certification details of the students: NIL**
- e. **Student Publications:**

**Papers Published in Journals: NIL**

**Papers Published in Conferences:**

- i. J.Chandra Sekhar, V.Krishna Pratap, K.Ananya in collaboration with Dr.B.N.Swamy and Ms.Dedeepya presented and published a paper “Brain Tumor Detection using RCNN and MobileNet”, in International Conference on Sustainable Computing and Smart Systems, 14-16th June -2023, ISBN:979-8-3503-3360-2 (**SCOPUS**)
- ii. N.Naveen, P.Prakash, V.Mohan Naga Venkata Sai, S.Sandeep in collaboration with Y.Manasa and Y.Ayyappa presented and published a paper “ Extracting The Essence of Video Content: Movement Change based Video Summarization using Deep Neural Networks” in 7<sup>th</sup> International Conference on Trends in Electronics and Informatics(ICOEI 2023), 11-13 April-3, ISBN: 979-8-3503-9728-4 (**SCOPUS**)
- iii. S.Padma Priya, S.Akhila, T.Priya Vardhan Reddy, Sk.Mohammad Goush in collaboration with Y.Ayyappa and B.Vinay Kumar presented and published a paper “ Forecasting Equity using LSTM and BERT with Sentiment Analysis” in 2<sup>nd</sup> International Conference on Inventive Computation Technologies, 26-28<sup>th</sup> March-23, ISBN:979-8-3503-9849-6
- iv. B.Kanaka Aparna, B.Ravi Kiran, B.Naga Gopala Krishna, E.Kavya in collaboration with Mr.B.Vinay Kumar and Y.Ayyappa presented and published a paper “Building an Intelligent Brain Tumor System using Magnetic Resonance Imaging” in 2<sup>nd</sup> International

Conference on Sustainable Computing and Data Communication Systems, 23-25<sup>th</sup> March-2023, ISBN: 978-1-6654-9199-0 (**SCOPUS**)

- v. S.Harika, S.Mukesh Chowdary, T.Pavan Kumar, T.Krishna Vamsi, M.Adi Lakshmi in collaboration with Dr.M.V.Rama Krishna presented and published a paper “Machine Learning based Gait Recognition for Human Authentication” in International Conference on Sustainable computing and Data Communication Systems, 23-25<sup>th</sup> Mar-2023,ISBN:978-1-6654-9199-0
- vi. J.Harikiran, T.Yamini, N.Sree Vidya in collaboration with Dr.K.Vijay Kumar, Y.Ayyappa and B.Vinay Kumar presented and published a paper “A scheme of long-term memory (LSTM)-CNN features extraction and spatial relationship to anonymize image and video for Privacy-Preserving Human Activity Recognition of Multiple Sequences of Data”, in International Conference on Artificial Intelligence and Signal Processing, 18-20<sup>th</sup> March-23, ISBN: 979-8-3503-2074-9 (**SCOPUS**)

**f. Internships: NIL**

**11. Higher Education:**

**GRE LIST**

S.NO	REG.NO	NAME	Exam Reg No
1.	19501A0529	Ravi Kiran Bheemineni	0319883 December 26, 2022
2.	19501A0580	Ram Santhosh Reddy Kallam	2107918 June 11, 2023
3.	19501A0598	Hemanth Kommineni	9149262 July 8, 2021
4.	19501A05E7	Dinesh Kumar Patibandla	1468786 November 11, 2022
5.	19501A05F6	AlekhyaSarmada Rallabhandi	1465249 December 26, 2022
6.	19501A05I0	Geethika Thota	0458053 January 9, 2022

**IELTS LIST**

S.NO	REG.NO	NAME	Exam Reg No	SCORE
1.	19501A0529	Ravi Kiran Bheemineni	S7649099	7.0 Nov,2022
2.	19501A0565	Gullapalli Sri Sravani	W5393739	7.0 May,2023

3.	19501A0580	Kallam Ram Santhosh Reddy	W2212557	7.0 Dec,2022
4.	19501A05E4	Paruchuri Sushma Sri	W3576318	6.5 Feb,2023
5.	19501A05F6	Alekhyasarmada Rallabhandi	V9882507	7.0 Oct,2022

### TOFEL LIST

S.NO	REG.NO	NAME	Exam Reg No	SCORE
1.	19501A0522	Naga Gopala Krishna Bandi	6043012227960617	93

### DUOLINGO ENGLISH TEST

S.NO	REG.NO	NAME	DATE OF EXAM	SCORE
1.	19501A05D5	Nimmagadda, Kiranmai Sai Lakshya	December 5,2022	140
2.	19501A05E7	Dinesh Kumar Patibandla	January 9, 2023	120
3.	19501A05I0	Geethika Thota	January 6,2023	120
4.	19501A05I2	Thotakura Naveen	February 10,2023	130

### Got Admission:

S.NO	REG.NO	NAME	OFFERED COURSE	UNIVERSITY	REFERENCE NUMBER
1.	19501A0522	NAGA GOPALA KRISHNA BANDI	MS in Computer Science program	University of Central Missouri	Student ID Number: 700759020
2.	19501A0529	RAVI KIRAN BHEEMINENI	MS in Computer Science program	University of Central Missouri	Student ID Number: 700754024
3.	19501A0562	GOVADA, KEVIN MICHAEL	Master of Science in Information Technology and Management	The University of Texas at Dallas	

4.	19501A05E7	DINESH KUMAR PATIBANDLA	MS in computer Science	University of North Texas	Student ID: 11689319
5.	19501A05F6	RALLABHANDI ALEKHYASARM ADA	MS in Information Technology Project Management	Arizona State University	

**12. Other Information:**

- **1 students of IV CSE got selected for Infosys with a package of 9.50 LPA**

Sl.No	ROLL NUMBER	Name Of The Student
1	19501Ao5H3	Ms. S.Pragna

- **1 student of IV CSE got selected for ETHUNS with a package of 2.7LPA**

Sl.No	ROLL NUMBER	Name Of The Student
1	20505A0516	Ms.T. Bhavyasri

\*\*\*\*\*