

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

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MONTHLY REPORT-FEBRUARY-2023.**

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

- i. **The department of CSE organized 1-Day FDP on "Fit & Fine" for Lady faculty on 03-02-2022.**

**Resource Person:** Dr. A. Jaya Lakshmi, Head of the Department, Dept. of CSE, PVPSIT.

Coordinators: 1.Ms. D. Sree Lakshmi, Asst. Prof.

2.Ms. D. Deedepya, Asst. Prof.

- ii. **The department of CSE organized 1-Week FDP on "Yoga in Daily Life" for lady faculty from 13-02-22 to 20-2-2023.**

**Resource Person:** Dr K.V.S.K Murthy, Yoga Trainer, PVPSIT, Kanuru, Vijayawada

Coordinators: 1.Ms. D. Sree Lakshmi, Asst. Prof.

2.Ms. D. Deedepya, Asst. Prof.

- iii. **The department of CSE organized 1-Day Seminar on " Awareness on University Innovative Fellows (UIF)" on 22-02-23.**

**Resource Person:** 1.Mr A.Prasanth, Assistant Professor, Department of CSE, PVPSIT

2.T.Dhanya Sri, III B.Tech CSE, Department of CSE, PVPSIT

3.N.Veenaa Sree, III B.Tech CSE, Department of CSE, PVPSIT

4.P.Naga Raghavendra, III B.Tech CSE, Department of CSE, PVPSIT

- iv. **The department of CSE organized one day workshop on "python(With hands on)" for II B.Tech CSE students on 25-02-2023 in association with TCS, Hyderabad.**

**Resource person :** Ms.Geetha kotha, Data Scientist& Python developer, TCS, Hyderabad

Coordinators:1. Ms.Y.Manasa, Asst. Prof.

2. Mr. Y. Ayyappa, Asst. prof.

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

- i. Mrs A.Madhuri presented a paper "Pneumonia Detection and classification using Hybrid CNN and ML Classifiers" in 3rd International Conference on Artificial Intelligence and Smart Energy(ICAIS 2023) organized by JCT College of Engineering and Technology, Coimbatore , India from 02-02-23 to 04-02-23.

- ii. Mrs A.Madhuri presented a paper "CNN Based Mood detection using facial Expression" in 5th International Conference on Smart Systems and Inventive Technology(ICSSIT 2023)

organized by Francis Xavier Engineering College, Tirunelveli, India from 23-01-23 to 25-01-23

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

**a) Seminars/Webinars: NIL**

**b) Workshops: NIL**

**c) STTP/STCs: NIL**

**d) Faculty Development Programmes:**

- i. Mr P.Anil Kumar participated in 1-Week FDP on " Applications of Computer Vision using Deep Learning" organized by Seshadrirao Gudlavalleru Engineering College, Gudlavalleru from 20-02-23 to 25-02-23.
- ii. Dr B.Lakshmi Ramani participated in 1-Week FDP on " Data Science For Engineers" organized by VNR Vignana Jyothi Institute of Engineering and Technology , Hyderabad from 23-01-23 to 28-01-23.
- iii. Mrs V.Swathi participated in 1-Week FDP on “Natural Language Processing (NLP)” organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad from 13-02-23 to 17-02-23.
- iv. Mrs V.Swathi, Mr B.Vinay Kumar, Mr S.Krishna Kishore participated in 1-Week FDP on "Thesis and Research Paper Writing" organized by NITTTR, Kolkata from 30-01-23 to 03-02-23.
- v. Dr. B. Lakshmi Ramani, Ms.D. Sree Lkashmi, Ms.T. Sri Lakshmi, Ms.A. Divya, Ms. D. Dedeepya, Ms.Y. Manasa, Ms.V. Swathi, Ms.A. Madhuri, Dr. J. Rama Devi, Ms.D. Swapna, Dr. M. Sailaja, Ms. Y. Surekha, Ms.B. Bhagya Lakshmi, Ms.P. Anusha, Ms. M. Ganga Sri participated in 1-Day FDP on "Fit & Fine" for Lady faculty on 03-02-2022.
- vi. Dr. A. Jaya Lakshmi, Dr. B. Lakshmi Ramani, Ms.D. Sree Lkashmi, Ms.T. Sri Lakshmi, Ms.A. Divya, Ms. D. Dedeepya, Ms.Y. Manasa, Ms.V. Swathi, Ms.A. Madhuri, Dr. J. Rama Devi, Ms.D. Swapna, Ms.B. Bhagya Lakshmi, Ms.P. Anusha participated in 1-Week FDP on "Yoga in Daily Life" for lady faculty from 13-02-22 to 20-2-2023.
- vii. Ms. A. Ramana Lakshmi participated in One-Week online FDP on “ Foundations and Applications of AI in Healthcare” organized by Dept. of CSE, ANITS, in association with ShodhGuru Innovation and Research Labs, India from 16-1-23 to 20-1-23.

**e) Guest Lectures: NIL**

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

- i. Mr A.Prasanth completed 2-Weeks AICTE Training Certificate on "Innovation Ambassador" (Advanced Level) organized by MoE's Innovation cell & AICTE& IIC from 25-01-23 to 08-02-23.

**g) Conferences: NIL**

**h) Coursera: NIL**

**i) NPTEL: NIL**

**j) Projects applied for external agencies:**

- i. Dr. R. Daniel applied a project “ **Portable Drought Monitoring and Early Warning System using Integrated Artificial Intelligence of Things**” of worth Rs.14,66,000/-to IKS under BGSamvardhana Yojana-2

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

**a) Scopus indexed journals:**

- i. Dr.P.Naga Srinivasu published a paper “XAI Framework for Cardiovascular Disease Prediction Using Classification Techniques” in Electronics, MDPI , Vol-11, Issue-24, Dec-22 ISSN:2079-9292 (**Scopus**) (**SCI**)
- ii. Dr.P.Naga Srinivasu published a paper “AAL and Internet of Medical Things for Monitoring Type-2 Diabetic Patients ” in Diagnostics, MDPI, Vol-12, Issue-11, Nov-22 ISSN:2075-4418 (**Scopus**) (**SCI**)
- iii. Dr.P.Naga Srinivasu published a paper “Using Recurrent Neural Networks for Predicting Type-2 Diabetes from Genomic and Tabular Data” in Diagnostics, MDPI, Vol-12, Issue-12, Dec-22 ISSN:2075-4418 (**Scopus**) (**SCI**)
- iv. Dr.P.Naga Srinivasu published a paper “A Transfer learning-based system for grading breast invasive ductal carcinoma” in IET Image Processing, Sep-22 ISSN:1751-9667 (**Scopus**) (**SCI**)
- v. Dr.M.Sailaja published a paper “Applications of Machine Learning in for Fake News Detection in Social Networks” in International Journal of Trends in Computing and Communication, Vol-20, Issue-2s, Dec-22, ISSN:2321-8169 (**Scopus**)
- vi. Dr.S.Phani Praveen published a paper “IOT-Enabled Healthcare Data Analysis in Virtual Hospital Systems Using Industry 4.0 Smart Manufacturing” in International Journal of Pattern Recognition and Artificial Intelligence, Feb-2023, ISSN:1793-6381 (**SCI**) (**To be indexed in Scopus**)
- vii. Dr.S.Phani Praveen published a paper “6G assisted federated learning for continuous monitoring in wireless sensor network using game theory” in Wireless Networks, Feb-2023, ISSN:1572-8196 (**SCI**) (**Scopus**)

**viii.** Dr.S.Phani Praveen published a paper “A Hybrid Gravitational Emulation Local Search-Based Algorithm for Task Scheduling in Cloud Computing” in Mathematical Problems in Engineering, Feb-2023, Vol-2023, ISSN:1563-5147(SCI) (Scopus)

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

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

**d) UGC/other journals: NIL**

**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:**

i. B. Nireekshan (21501A0512) , G. Navya (21501A0558), K. Shashank (21501A0570), M. Hemanth Sai Suryam (21501A05A7) , T. Santhosh (21501A05G7) , Y. Pragna (21501A05J5) visited Effetronics on 17-2-23.

ii. Ch. Mounika(21501A0530), D. Chandana Sri (22505A0503), I. Sahithi(21501A0565), S. Likhitha(21501A05G5), V. Sree Sai(21501A5D0), T. Dhanya Sree(20501A05G9), S. Mani Sindhu(2001A05F2) visited “ALEAP Industrial Estate” in association with EDC Cell, PVPSIT on 28-2-23.

**9. APSSDC: NIL**

**10. Students' achievements:**

**a) Co-curricular Activities:**

**i.** 10 Students from II and 11Students III B.Tech CSE students participated in various technical events AFOSEC 23 organized by VRSEC, Vijayawada held on 24<sup>th</sup> and 25<sup>th</sup> February, 2023.

**b) Extra-curricular Activities:**

- i. P.Darshit (21501A0536) of II CSE won the 1<sup>st</sup> Prize and received Rs. 2,000 cash prize in the explicit expressions in AFOSEC'23 organized by VRSEC, Vijayawada held on 24<sup>th</sup> and 25<sup>th</sup> February, 2023.

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.	19501A0562	Kevin Michael Govada	0437463 January 10, 2023
2.	19501A0565	Sri Sravani Gullapalli	1830511 January 13,2023
3.	19501A0574	Jaswanth chowdary rama	1913144 February 12.2023

#### IELTS LIST

S.NO	REG.NO	NAME	Exam Reg No	SCORE
1.	18501A0582	Musunuru Keerthi	Z6962491	7.5 05/NOV/2022

#### TOFEL LIST

S.NO	REG.NO	NAME	Exam Reg No	SCORE
1.	19501A0595	Kolapalli, Lakshman Saketh	5885 0012 3803 8986	88

#### DUOLINGO ENGLISH TEST

S.NO	REG.NO	NAME	DATE OF EXAM	SCORE
1.	19501A0562	Govada, Kevin Michael	February 14,2023	125
2.	19501A0565	Gullapalli Sri Sravani	February 16,2023	120

**12. Other Information:**

- **2 students of IV CSE got selected for JSW Steel with a package of 6.5 LPA**

Sl.No	ROLL NUMBER	Name Of The Student
1	19501A0535	Ms. B. Keerthika
2	19501A05I7	Ms V. Swetha

- **1 student of IV CSE got internship in 4CRisk.ai Software Pvt Ltd. with a stipend of Rs. 33,000 pre month.**

Sl.No	Roll Number	Name of the student
1	19501A0561	Ms. G. Vimal Keerthi

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