PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
MONTHLY REPORT- JANUARY-2022.

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

   i. The Department of Computer Science and Engineering organized a webinar under Industry Institute Interaction program in "Big data in Cloud Computing" on 31-12-2021.

   Resource Person: Mr. M. L. Sai Bharath, Senior Analyst, Ernst and Young GDS.

   Coordinator: Mrs.A.Madhuri

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

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

   a) **Seminars/Webinars: NIL**

   b) **Workshops:NIL**

   c) **STTP/STCs: NIL**

   d) **Faculty Development Programmes:**

   i. Dr.K.Koteswararao participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Signal Processing for Cognitive Neuroscience Applications" from 17/01/2022 to 21/01/2022 at National Institute of Technology Meghalaya.

ii. Ms. D. Sree Lakshmi, Ms. A. Divya, Ms. M. Likhita attended Online AICTE ATAL FDP on "Machine Learning & Deep learning using Python" from 04-01-2022 to 08-01-2022 organised by Pune Institute of Computer Technology, Pune.

iii. Shrinidhi Umesh Bajpayee attended Online AICTE ATAL FDP on "Data Science with Statistical Methods using RProgramming- Basic Course" from 10-01-2022 to 14-01-2022 organised by Amity University Uttar Pradesh, Lucknow Campus.

iv. Mr. K. Vijay Kumar attended online Faculty Development Program on "Deep Learning for Real Time Research Applications" conducted by Dept. of Computer Science & Engineering, Seshadri Rao Gudlavalleru Engineering College in association with CCE, NITW from 03-01-2022 to 07-01-2022.

v. Mr. P. Anil Kumar attended online Faculty Development Program on "Deep Learning for Real Time Research Applications" conducted by Dept. of Computer Science & Engineering, Seshadri Rao Gudlavalleru Engineering College in association with CCE, NITW from 03-01-2022 to 07-01-2022.

vi. Mr. B. Vinay Kumar participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Rhizospheric engineering: Revisiting the Microbe-Plant Synergy to Mitigate Plant Nano Toxicology " from 24/01/2022 to 28/01/2022 at Motilal Nehru National Institute of Technology Allahabad.

e) **Guest Lectures: NIL**

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

i. Ms. D. Swapna, Ms. D. Sree Lakshmi completed Certification program on "Learn more about the new Oracle Academy Cloud Infrastructure Foundations I Curriculum" from 07-12-2021 organised by Oracle Academy.

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: NIL**

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

1. Dr.B.Janakiramaih published a paper " Hyper parameter Optimization for Transfer Learning of VGG16 for Disease Identification in Corn Leaves Using Bayesian Optimization" in BIG DATA, Dec-21, with ISSN: 2167-647X. **(SCIE)**

2. Dr.B.Janakiramaiah published a paper "Intelligent system for leaf disease detection using capsule networks for horticulture" in Journal of Intelligent & Fuzzy Systems", Vol-41, Issue-6, Dec-21, with ISSN:1857-8967 **(SCIE)**

c) IEEE/Springer journals: NIL

d) UGC/other journals:

1. Dr.K.Koteswararao published a paper "Optimal Test Case Generation using G-Genetic Algorithm Variant – Proposed Method" in Stochastic Modeling & Applications, Vol-25, Issue-8, Dec-21 with ISSN:0972-3641 (UGC**)**

e) Conference Proceedings:

1. Dr.K.Koteswararao presented as a Conference paper Machine Learning Based Drug Recommendation from Sentiment Analysis of Drug Rating and Reviews Computing Congress (CC 2022) Organized by Advanced Computing Research Society, Chennai 28th January 2022

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**

   c. **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. II B.Tech Students participated in event "Awareness on Higher Education" organized by Department of Computer Science & Engineering in association with invicta career consultancy, PVP Siddhartha Institute of Technology, Vijayawada, AP. held on 4th January, 2022.

2. Teams Shortlisted for MANTHAN 2021 Grand Finale organized by AICTE

   Team Name : **ARMOUR PHANTOM**
         Team Leader: Ms.V.S.N.HIMAJA (20501A05I3)
         Team Member: Mr.S. Siddharth(20501A05F3)
                   Mr.S. Krishna Kausik(20501A05G4)
                   Ms. U. Kavya Sri(20501A05H4)
         Mentors: Dr.K.Koteswara Rao, Mr.V.Rajesh

3. Mr. Ch.Sushruth , Mr.K.Pavan, Mr. A.Sai Ram ,Mr. B.Sai Saketh presented a paper "Segmentation of Potholes From Road Images" in 4th INTERNATIONAL Conference on Smart Systems and Incentive Technology (ICSSIT 2022) in association with IEEE xplore organized by Francis Xavier Engineering College,Tirunelveli,India on 20-22 January 2022.

4. 108 students of II B.Tech CSE   successfully completed "Introduction to python" during Dec 2021-JAN 2022 supported by Infosys Springboard Program, Infosys.

b) Extra-curricular Activities: NIL

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

d) Student Publication: NIL

e) Internships:

152 students from III and IV B.Tech CSE completed AICTE virtual internship courses and got certifications during the month of January 2022.

S.No	Course	Suoporting Company	No. of students certified	Duration
1	Robotic Process Automation	**Blueprism** University	54	
2	AWS Cloud	**AWS** Academy	36	
3	Cyber Security	**Paloalto** networks	28	Oct-Dec 2021
4	Process Mining	**Celonis**	19	
5	Linux Automation	**RED HAT** Academy	15	

11. Higher Education:

GRE LIST

S.NO	REG.NO	NAME	Exam Reg No
	18501A0570	Kavitha Mandala	0408829 January, 2022
	18501A0583	Sai meghana myneni	0239818 January, 2022
	18501A05A4	Srihasa Davuluri	0502183 January, 2022

12. Other Information:

- **1 student of IV CSE got selected in Lumen Technologies with a package of 6LPA.**

Sl.No	Roll Number	Name of the student
1	18501A0567	Mr. M.Surya Teja

- **1 student of IV CSE got selected in QualityKiosk Technologies with a package of 2.25LPA**

Sl.No	Roll Number	Name of the student
1	18501A05B3	Ms. V Harshitha

- **1 student of IV CSE got selected in Mind tree with a package of 4LPA**

Sl.No	Roll Number	Name of the student
1	19505A0506	Ms. O Prasanna Pravallika

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