

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

### **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

#### **MONTHLY REPORT- JUNE-2021.**

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

- i. The Department of Computer Science and Engineering has organized a webinar on "**ROLE OF ALGORITHMS IN SOFTWARE DEVELOPMENT**" for II CSE Students on 19-06-2021. Resource person: **Mr. Faiyazthulla Shaik**, Developer, Systems Engineer, Tata Consultancy Services Pvt. Ltd, Hyderabad.  
**Co-ordinators:** Mr. K. Venkatesh, Ms. Kiriti Paliwal, Ms. Shilpee Kumari.

**PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY**  
AUTONOMOUS - Permanently Affiliated to JNTUK, KARNATAKA  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**INDUSTRY - INSTITUTE INTERACTION**

**WEBINAR on**  
**ROLE OF ALGORITHMS IN SOFTWARE DEVELOPMENT**

**RESOURCE PERSON :**  
Mr. Faiyazthulla Shaik  
Developer, Systems Engineer,  
Tata Consultancy Services Pvt. Ltd

**LINK :**  
<https://meet.google.com/zoi-stii-dsg>

**Faculty Coordinators :**  
Mr. K.Venkatesh  
Ms. Kirti Paliwal  
Ms. Shilpee Kumari

**Student Coordinator :**  
G. Vimal Keerthi II B.Tech CSE

**Saturday**  
**June 19th,**  
**2021**  
**9:30 AM**

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

- i. Dr.K.Koteswararao, Dr.G.Lalitha Kumari and Ms.Y.Surekha presented a paper entitled “Machine Learning and IOT Technologies for Environmental Issues – Research Perspectives” in 4<sup>th</sup> International Newyork Conference on Evolving Trends in Interdisciplinary Research & Practices, from 2-5-2021 to 4-5-2021 with ISBN:9781955094030.
- ii. Dr.G.Lalitha Kumari and Ms.Y.Surekha presented a paper entitled “An Electronic Security System to safeguard the child from deleterious objects using Deep Learning Xception Model” in 4<sup>th</sup> International Newyork Conference on Evolving Trends in Interdisciplinary Research & Practices, , from 2-5-2021 to 4-5-2021 with ISBN:9781955094030.
- iii. Dr.G.Lalitha Kumari and Ms.Y.Surekha presented a paper entitled “Systematic Survey of Mutation Testing – Rookies Vantage Point “ An Electronic Security System to safeguard the child from deleterious objects using Deep Learning Xception Model” in 4<sup>th</sup> International

Newyork Conference on Evolving Trends in Interdisciplinary Research & Practices, , from 2-5-2021 to 4-5-2021 with ISBN:9781955094030.

- iv. Ms.Y.Surekha , Dr.G.Lalitha Kumari and Dr.K.Koteswararao presented a paper entitled “The Role of Internet of Things and Machine Learning in Environmental Forecasting – Proposal Method” in 4<sup>th</sup> International Newyork Conference on Evolving Trends in Interdisciplinary Research & Practices, , from 2-5-2021 to 4-5-2021 with ISBN:9781955094030.
- v. Ms.D.Swapna presented a paper entitled “Driver Drowsiness Detection Using Facial Parameters and RNNs with LSTM” in 2020 IEEE 17<sup>th</sup> India Council International Conference(INDICON) from 10-12-2020 to 13-12-2020 with ISBN:978-1-7281-6917-0.

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

#### **a) Seminars/Webinars:**

- i. Dr S.Madhavi participated in a webinar on “Introduction of Leading UK Based Institutional Donors” organized by NCD, Gujarath on 13-06-2021.
- ii. Ms. D. Swapna, T. Sri Lakshmi, Mr. P. Anil Kumar and Mr. B. Rajesh participated in Effective and Efficient online Teaching organized by IIT Bombay on 12-06-2021.
- iii. Mr. V. Rajesh participated in National webinar on "Android Application Security" organized by Vignan University, Guntur on 18-06-2021.
- iv. Ms. M. Sailaja participated in Webinar on “Tips on Literature Search & Writing Scientific Papers” in organised by Research & Development Cell, P. B. Siddhartha College of Arts & Science, Vijayawada on 24-6-2021.

#### **b) Workshops:**

- i. Dr. G. Lalitha Kumri and Ms. Y. Surekha participated in 5-day Workshop on “Linux” organized by VIT, Chennai from 10-05-2021 to 14-05-2021.

#### **c) STTP/STCs:**

- i. Dr. B. Janaki Ramaiah completed course on “DL#108- Convolutional Neural Networks” GUVI Geek Network Pvt. Ltd. In association with ONE FOURTH LABS on 13-06-2021.
- ii. Mr. M. Ramgopal completed course on “Getting Started with AWS Machine Learning” organized by aws training and certification on 21-06-2021.

- iii. Ms. Shilpee Kumari participated in Train the Trainer program on “Android Development with Kotlin” organized by ICT Academy from 01-03-2021 to 06-03-2021.
- iv. Mr. M. Ramgopal participated in AICTE Short Term Training Programme on “Speech and Image Processing using Deep Learning Techniques” organized by Annamalai University from 17-03-2021 to 23-03-2021.

**d) Faculty Development Programmes:**

- i. Mr. V. Rajesh participated in AICTE ATAL 1-week Faculty Development Programme on "Reinforcement Learning and Its Applications" organized by PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur from 07-06-2021 to 11-06-2021.
- ii. Mr. B. Rajesh participated in Faculty Development Programme on “Applied Data Science: Tools and Techniques” organized by LBRC, Mylavaram from 29-05-2021 to 02-06-2021.
- iii. Mr. B. Vinay kumar participated in National level Faculty Development Programme on “Applications of Machine Learning” organized by Vishnu college for women, Bhimavaram from 15-6-2021 to 19-6-2021.

**e) Guest Lectures: NIL**

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

**g) Conferences: NIL**

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

**a) Scopus indexed journals: NIL**

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

**c) IEEE/Springer journals: NIL**

**d) UGC/other journals:**

- i. Dr.J.Ramadevi published a paper entitled “The Intel-based Sub-Numa Clustering Approach for Memory Allocation in Multi Core Processors” in Turkish Journal of Physiotherapy and Rehabilitation, Vol-32, Issue-3, June-2021 with ISSN:2651-4451
- ii. Ms.D.Swapna published a paper entitled ”Research Challenges and Opportunities in Data Science – An Intensive Review “ in Linguistica Antverpiensia, Volume-2021, Issue-2, in May-2021 with ISSN:0304-2294
- iii. Ms.A.Madhuri published a paper entitled “Create a Remote-Control Application with Spotify” in International Journal for Research in Applied Science and Engineering Technology, Vol-9, Issue-IV, June-2021 with ISSN:2321-9653

- iv. Dr.S.Phani Praveen published a paper entitled “ The Effective Approach for Spam Electronic Mail Discovery by Naïve Bayes Classifier Technique” in International Journal for Development of Computer Science and Technology, Vol-7, Issue-2, in April-May-2021 with ISSN: 2320-7854
- v. Mr. D.Lokesh Sai Kumar published a paper entitled “Cross-Platform File-Explorer with NW.JS” in International Journal for Research in Applied Science and Engineering Technology, Vol-9 , Issue IV , June-2021 with ISSN: 2321-9653.

**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:**

- i. Dr. N. V. Ramana Gupta received his Doctoral Degree from Acharya Nagarjuna University for his work entitled “**A Novel Method for User Centric Integration in MANETS using Nature Inspired Algorithms**” on 18-6-2021.

**c. Guest lectures delivered:**

- i. Dr. B. Janaki Ramaiah delivered a talk on “ Detecting COVID-19 from X-Ray using Machine Learning”, in One-Week National Online Faculty Development Programme (FDP) on “Emerging Trends in the Applications Machine Learning and Artificial Intelligence” organized by Department of Information Technology, GMR Institute of Technology, Rajam, 2-6-2021 to 25-6-2021.

**d. 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:

- i. 31 Students have enrolled to \*Cybersecurity Foundation Course\* offered by \*Palo Alto Cybersecurity Academy\* and 28 Students have successfully passed the test and received certificate from Palo Alto Academy.

Coordinator: Mr. Rajesh Barige, Assistant Professor, CSE Department, PCCSA

- ii. 4 students have enrolled to Cisco Devnet Associate course offered by CCNA.

Coordinator: Dr.N. V. Ramana Gupta, Assistant Professor, CSE Department

- iii. 62 students successfully completed AWS academy cloud practitioner course and claimed the AWS academy Graduate student Badge

Coordinator: Ms. D. Swapna, Assistant Professor, CSE Department

### b) Extra-curricular Activities: NIL

### c) Coursera/NPTEL details of the students: NIL

### d) Student Publication:

- i. Mr.Ch. V. Tejaswi, Ms.B. Sravya, Mr.D. Ratnam, Ms.A. Jeevanjali, Ms.T. SriLakshmi published a paper entitled "Virtual Voice Assistant" in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 9 Issue 6 June- 2021.

## 11. Higher Education: NIL

## 12. Other Information:

- The Department of CSE entered into MOU with **Celonis Academic Alliance** for a period of 1 year.
- **7 students of III CSE cleared Hackwithinfy Round-1 with a package of 5LPA.**

Sl.No	Roll Number	Name
1	18501A0526	Mr.D. Rihitha Franklin
2	18501A0558	Mr. K. Mahesh
3	18501A0574	Mr. M. Veeranna Chowdary
4	18501A0588	Mr. P. Vijay Ratna Sravath
5	18501A05B4	Ms. V. Jasmika
6	18501A05B6	Ms. Ch.Venkata Naga Sai Gowthami
7	18501A05B8	Ms.V. Priyanka

- **6 students of IV CSE got selected in Infosys with a package of 3.5LPA.**

Sl.No	Roll Number	Name
1	17501A0502	Ms. A. Sita Mahalakshmi
2	17501A0506	Ms.A. Tejaswini Sai
3	17501A0525	Mr. D. Ratnam
4	17501A0556	Mr. K. Bharat Sai Sekhar
5	17501A0599	Ms. R. Lakshmikantha Sruthi
6	17501A05B9	Mr. Y. Sai Prabha

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