

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

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

### **MONTHLY REPORT- SEPTEMBER-2020.**

#### **VISION**

To be a center of excellence in Computer Science and Engineering and take up challenges for the benefit of society.

#### **MISSION**

a. Impart professional education through best curriculum in harmony with the industry needs

b. Inculcate ethics, research capabilities and team work in the young minds so as to put efforts to the advancement of the nation.

c. Strive for student achievement and success with leadership qualities and preparing them for continuous learning in the global environment.

#### **PEO-I**

The graduates of the program will excel in the fundamental concepts of basic engineering and advanced concepts of computer science engineering.

#### **PEO-II**

The graduates of the program will be professional in computing industry or pursuing higher studies.

#### **PEO-III**

The graduates of the program will excel in team work, ethics, communication skills and contribute to the benefit to the society.

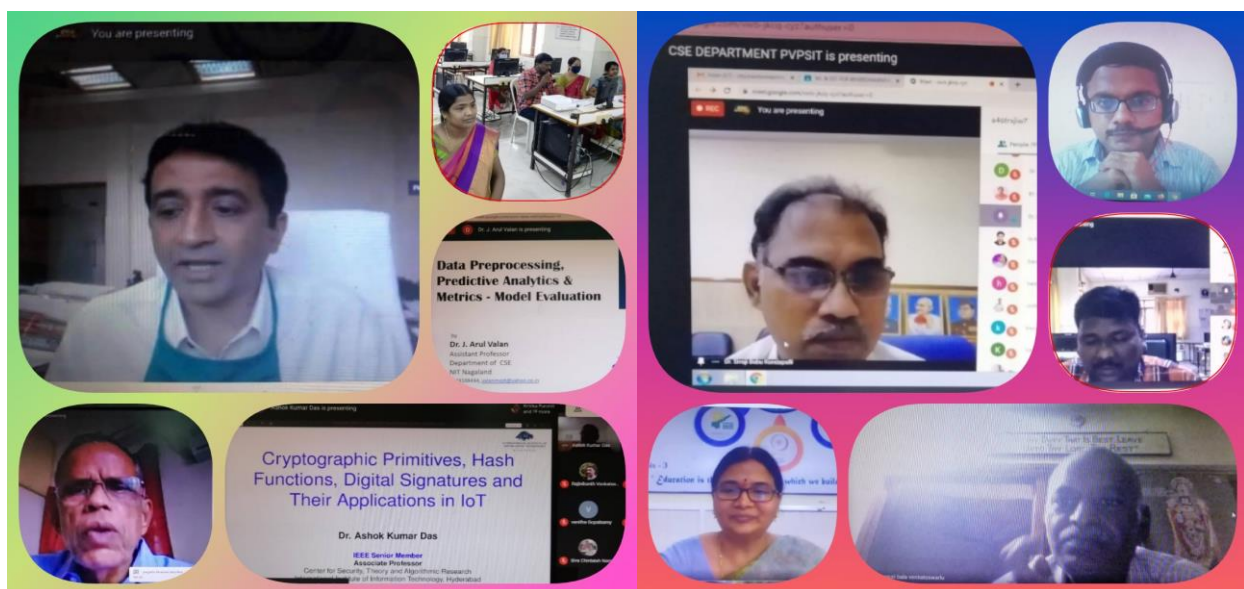
**PSO - I:** Apply the Knowledge of Computing Skills in building the Software Systems that meet the requirements of Industry and Society.

**PSO - II:** Apply the Knowledge of Data Engineering and Communication Technologies for Developing Applications in the Domain of Smart and Intelligent Computing.

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

- i. The Department of Computer Science and Engineering has organized One - week STTP on “Machine Learning and IOT technologies For Environmental Issues” sponsored by AICTE from 21-9-2020 to 26-9-2020.

Co-Ordinator: Dr. K.Koteswara Rao, Associate Professor.



- ii. The Department of Computer Science and Engineering organized a Webinar on “Machine Learning and Deep learning-An Industry Perspective” in association with Academic Interface Program, TCS Hyderabad, on 19-9-2020.

Co-Ordinator: Dr. B. Lakshmi Ramani, Assistant Professor.



- iii. On the eve of Engineers Day The Department of Computer Science and Engineering has organized events like Technical Paper Presentation on 15-9-2020 and JAM on 14-9-2020.

Co-Ordinators: V.Siva Parvathi, Assistant Professor. M. Sailaja, Assistant Professor

EVENT: Technical Paper Presentation

The event Technical Quiz is organized on 15-09-2020.

The no. of students registered: 15

The no. of students participated: 15 (9 Teams)

Event Coordinator: Dr K Koteswara Rao, Assoc.Professor.

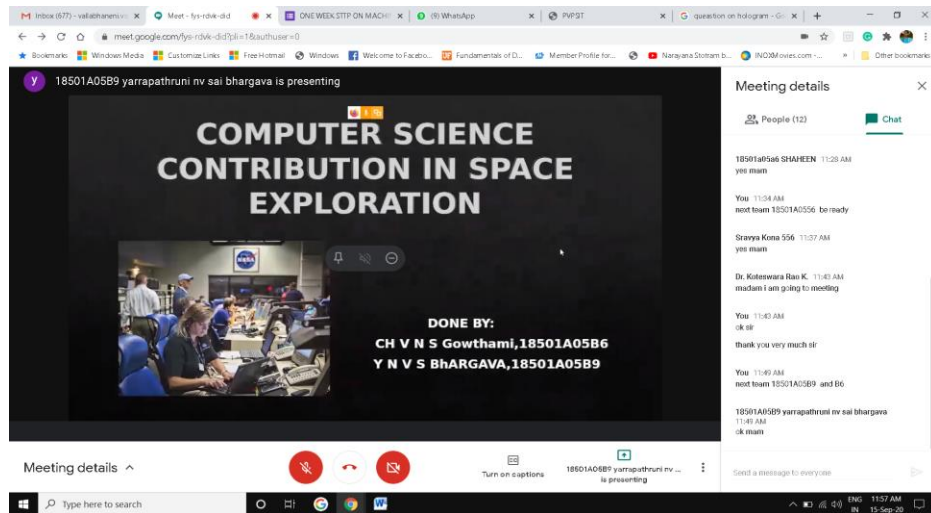
EVENT: JAM (Just A Minute)

The event JAM is organized on 14-09-2020.

The no. of students registered: 16

The no. of students participated: 09

Event Coordinator: Dr. M Rudramma Devi, Assoc. Professor.



- iv. The Department of Computer Science and Engineering organized a Webinar on “Basic Engineering Skills” in association with ISTE student chapter on 15-9-2020.

Co-Ordinator:A. Vanamala Kumari, Assistant Professor.

A banner for a webinar titled "Basic Engineering Skills". The banner is blue and yellow. It features the logos of Prasad V. Potluri Siddhartha Institute of Technology (PVPSIT) and ISTE. The text on the banner includes: "Prasad V. Potluri Siddhartha Institute of Technology", "Accredited with A+ grade by NAAC", "AUTONOMOUS, ISO 9001:2015 Certified Institute, Permanently Affiliated to JNTUK, KAKINADA", "All UG Programmes are accredited by NBA under Tier-1", "A Webinar on", "Basic Engineering Skills", "Date: 15th SEP 2020", "Time: 11.00 AM", "Organised by Department of Computer Science and Engineering in Association with PVPSIT - ISTE Student Chapter", "RESOURCE PERSON", "Dr K V S G Murali Krishna", "Professor in Civil Engineering", "University College of Engineering, JNTUK, KAKINADA".



**2. Workshops/ Seminars/ Conferences/ Faculty Development Programs attended by the faculty:**

- i. Dr. S. Madhavi has participated in a webinar on “INTELLECTUAL PROPERTY & INNOVATION MANAGEMENT & ACADEMIA-INDUSTRY COLLABORATION” organized by Andhra Pradesh State Council Of Higher Education National Research Development Corporation on August 27, 2020.
- ii. Dr. G. Lalitha Kumari and Y. Surekha has attended IEEE Computational Intelligence society distinguished lecture Jointly organized Dept of CSE, University of Gour banga and IEEE Computational Society, Kolkata on 17-09-2020.
- iii. Dr. G. Lalitha Kumari has attended one week FDP on “Fundamentals of AI” organized by ICT Academy from 07-09-2020 to 12-09-2020.
- iv. M. Sailaja, Ms. D. Sree Lakshmi, Ms. T. Sri Lakshmi, Ms. A. Madhuri, M. Ram Gopal, V. Siva Parvathi, A. Vanamala Kumar, Dr. J. Rama Devi, Dr. G. Lalitha Kumari, N V Ramana Gupta, B N Swamy, Dr M V Rama Krishna, K. Vijay Kumar, A. Ramana Lakshmi has attended AICTE Sponsored 1-week online STTP on “Machine Learning and IOT technologies For Environmental Issues” organized by Dept. of CSE, PVPSIT from 21-9-2020 to 26-9-2020.
- v. M. Sailaja, Y. Surekha, Dr. G. Lalitha Kumari, A. Vanamala Kumar has attended webinar on “LabVIEW For Artificial Intellegence” on 02-09-2020.
- vi. Allthe faculty has attended webinar on “Machine Learning and Deep learning-An Industry Perspective” organized by dept. of CSE, PVPSIT on 19-9-2020
- vii. Ms. D. Swapna, Dr. S. Phani Praveen has attended Online FDP on “Blockchain” organized by NIT Raipur by ATAL Academy from 14-09-2020 to 18-09-2020.
- viii. V. Siva Parvathi hass participated in Online Continuing Education Program on Current trends in Data Analytics through Hands-on Experience conducted by Department of Computer Science and Engineering and Department of Biotechnology from 31-08-2020 to 04-09-2020.

- ix. V. Siva Parvathi has attended Short Term Course on Online Assessment using Google Forms organized by International Institute of Organized Research on 24th September 2020.

#### **Coursera Courses by Faculty:**

- i. Dr. S. Phani Praveen has completed Coursera course on “Algorithmic Toolbox”

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

- i. D. Swapna, T. Sri Lakshmi, A. Madhuri has published a Book Chapter entitled “Survey on Mining Attacks on BlockChain” in the Book “Emerging Trends in Computer Science” with ISBN NO:978-93-5416-233-6.
- ii. D Lokeshsaikumar , A Yuva Krishna , B Vishnu Vardhan has published a Book Chapter entitled Video Mining For Anomaly Examining And Mishap Scrutinize in the Book “Emerging Trends in Computer Science” with ISBN NO:978-93-5416-233-6.
- iii. Mr. Vijaya kumar Kambala has published a Book Chapter entitled Evaluating A Multiple Decisions Of Potential And Complex Environment Using Deep Reinforcement Learning And Recurrent Neural Network For Allowing Error Free Communication In Modish (Smart) Grids in the Book “Emerging Trends in Computer Science” with ISBN NO:978-93-5416-233-6.

#### **4. Faculty Achievements (Higher Qualification awarded, guest lecturers given, awards and rewards, acted as a Judge or Resource person etc.):**

- i. S Parvathi Vallabhaneni got award into the elite category of Top 100 International Distinguished Researchers 2020 from Green Thinkerz in Association with Canada.
- ii. Dr. S. Phani Praveen has edited a book entitled “Emerging Trends in Computer Science” with ISBN NO:978-93-5416-233-6.
- iii. Mr. D. Lokesh Sai Kumar has got admission into Ph.D in JNTUK, Kakinada.

- iv. Dr. B. Janakiramaiah and Dr. A. Jaya Lakshmi has published a patent entitled “Speech Emotion Recognition : Speech Emotion Recognition using Deep Learning” with application no: 202041033146 on 4-9-2020.
- v. Dr. B. Janakiramaiah has published a patent entitled “A System And Method For Sanitizer Spraying Application” with Application no: 202041038824 on 25-9-2020.
- vi. Mr. A. Vanamala Kumar has received the certificate of Appreciation from NPTEL as a Single Point of Contact (SPOC) during the Jan-Apr 2020.
- vii. Mr. D. Lokesh Sai Kumar has received the certificate of Appreciation from NPTEL for translating the files of the course Real Time Operating System offered by IIT Kharagpur.
- viii. Mr. D. Lokesh Sai Kumar has received the certificate of Appreciation from NPTEL for translating the files of the course Information Security - 5 - Secure Systems Engineering offered by IIT Madras.

**5. Students selected for GATE/IELTS/GRE/TOEFL and other competitive Examinations, Internships:**

- i. Yaswanth Kumar Bethu, Sure Aditya Vardan Sai Kiran, Tungala Veerendra Saradhi, Surya Tej Makineni of Team AR Creators has successfully completed the AR Open Program by School of Innovation India from Facebook conducted between March 13 to June 19, 2020. The team has got training on Spark AR, 3D modelling, Visual Scripting and Reactive Programming. For the Capstone Project, they worked on building solution(s) for Retail theme with Chumbak as Theme Partner.

**6. MOU's Signed: NIL**

**7. Students' achievements:**

- i. Kanuri Siva Venkata Charitha , 18501A0550, III CSE has won second place in Paper presentation competition organized by INCEPTRA-2020, VRSEC on 26.09.2020.
- ii. Ch Venkata Tejaswi, 17501A0522,IV CSE has got Other Appreciation Hacker rank Certification organized by HackerRank on 15.09.2020.
- iii. D.JASWANTH BABU, 18501A0529 has got Other Appreciation in Technical event competition organized by INCEPTRA-2020, VRSEC on 26.09.2020

- iv. K S V Charita (18501A0550) has won I prize in PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 15-09-2020.
- v. Ch V N S Gowthami (18501A05B6) and Y N V S Bhargava (18501A05B9) has won II prize in PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 15-09-2020.
- vi. M Padmini (18501A0572) has won I prize in JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- vii. K S V Charita (18501A0550) has won II prize in JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- viii. K Sravya (18501A0556) has won III prize in JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.

#### 8. Co-Curricular Activities:

- i. P Nagaswetha , 17501A0593,IV CSE has participated in Webinar organized by ONLINE/dept.cse/Academic Interface Program,TCS, on 04.09.2020
- ii. Kona Sravya, 18501A0556,III CSE has participated in Code Debugging Online competition conducted by VRSEC on 25.09.2020.
- iii. Kona Sravya, 18501A0556,III CSE has participated in Technical paper presentation competition conducted by VRSEC on 25.09.2020.
- iv. III CSE Students has participated Webinar on Machine Learning and Deep learning organized by Pvp Siddhartha Institute of Technology on 19.09.2020.
- v. P. Sri Harsha 19505A0507 has participated in the event JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- vi. V Varshitha, 19501A0516 has participated in the event JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- vii. J. Divya, 18501A0544 has participated in the event JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- viii. S. Pragna Sree, 19501A05H3 has participated in the event JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- ix. K. Keerthi, 18501A0559 has participated in the event JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- x. M. Tejaswi, 19501A05B4 has participated in the event JAM organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.



- xi. M. Padmini, 18501A0572 has participated in the event PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- xii. T. Sravya, 18501A05A8 has participated in the event PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- xiii. K.Thirisha , 19501A0588 has participated in the event PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- xiv. M.tejaswi , 19501a05B4 has participated in the event PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- xv. Tayyaba Shaheen, 18501A05A6 has participated in the event PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- xvi. Parvathaneni Sai Siddhartha , 18501A0591 has participated in the event PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- xvii. 18501A0559, Keerthi . K has participated in the event PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.
- xviii. 18501A0588 P. VIJAY RATNA SRAVANTH has participated in the event PPT organized by CSE-ISTE-Student Chapter is organizing events on the eve of engineer's day on 14-09-2020.

## **9. Extra Curricular Activities:**

### **a. Cultural Activities:**

- i. Kanuri Siva Venkata Charitha, 18501A0550, III CSE has won First place in Chandamama katha Mock parliament competition organized by KL SURABHI 2020, KL University on 05.09.2020.
- ii. Kanuri Siva Venkata Charitha, 18501A0550, III CSE has got Other Appreciation in Mock parliament competition organized by KL SURABHI 2020, KL University on 04.09.2020.
- iii. D. Lasya , 18501A0527,III CSE has participated in Surabhi competition organized by KL SURABHI 2020, KL University on 05.09.2020.
- iv. D. Lasya , 18501A0527,III CSE has participated in INCEPTRA competition organized by V.R.Siddhatha institute of technology on 26.09.2020.
- v. V. Uday Kiran, 17501A05B7,IV CSE has participated in Model United Nations competition organized by KL SURABHI 2020, KL University on 04.09.2020.
- vi. Parvathaneni Sai Siddhartha, 18501A0591, III CSE in Surabhi Sabha competition organized by KL SURABHI 2020, KL University on 06.09.2020.

vii. Parvathaneni Sai Siddhartha, 18501A0591, III CSE in Model United Nations competition organized by KL SURABHI 2020, KL University on 04.09.2020.

viii. Vengala Yamini Priya 19501A05J0 II CSE in python for data science Workshop organized by GMRIT, CSI Student chapter on 19.09.2020.

**b. Sports & NCC:NIL**

**10. Major achievements:**

**Placements:**

**i. 16 students of IV CSE have cleared Round 1 in TCS CODEVITA.**

Out of 16 students , 6 students attended HR round

S.No.	Roll Number	Student Name
1	17501A0501	Ajjampudi Lakshmi Priyanka
2	17501A0521	Chilla Sirisha
3	17501A0534	Gopaluni V S L Adithya Prasad
4	17501A0535	Gottimukkala Tarun Gopal
5	17501A0552	Koppula David Vineel Raj
6	17501A05A6	Siddabattuni Leharika

**ii. Training is being conducted by InfityQ for 15 students of III CSE.**

S. No.	Regd. No.	Name Of The Student
1	19505A0503	Katragadda Gayatri
2	19505A0507	Ponugumati Sri Harsha
3	19505A0508	Saariki Hema Latha
4	19505A0509	Samiti Kanaka Maha Lakshmi
5	19505A0511	Tungala Veerendra Saradhi
6	19505A0512	Vundru Savya
7	18501A0517	Boda Venkata Sai Krishna Bapiraju Kumar
8	18501A0529	Dharanikota Jaswanth Babu
9	18501A0537	Gorrepati Sushmitha
10	18501A0570	M Kavitha
11	18501A0575	M Bindu Vardhani
12	18501A0579	Mohammad Arfeen
13	18501A0580	Mukkamala Teja Sri
14	18501A05A1	Shaik Sana Muthaharunnisa
15	18501A05B0	Tirunagari Tulasi Sai Venkata Pavan Kumar

## **11. Other Departmental Activities:**

### **i. New Faculty Recruitment:**

Ms. Shilpee Kumari has joined as Assistant Professor in the Dept. of CSE on 27-8-2020.