PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MONTHLY REPORT- JULY 2019.

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.
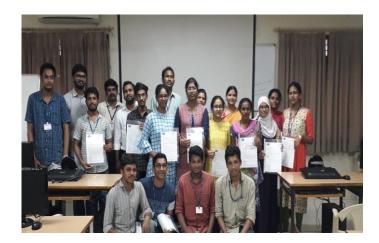
PEO-I	The graduates of the program will excel in the fundamental concepts of basic engineering and advanced concepts of computer science engineering.
PEO-II	The graduates of the program will be professional in computing industry or pursuing higher studies.
PEO-III	The graduates of the program will excel in team work, ethics, communication skills and contribute to the benefit to the society.

1. **Student Activities:**

   a) **Workshops/ Seminars/ Guest Lectures Organised:**

   1. The Department of CSE has organized **One day Guest Lecture on "Data Quality Control and Analytics"** in association with ACM on 01-07-2019 for III CSE students at ground floor seminar hall. The resource person for this Guest Lecture is Mr. P. Rajesh, Vice-President, MUFG, Data Governance and Quality Analyst, CDO Enterprise Data Governance, CA, USA. Total number of participants attended to this event is 116.

   2. The Department of CSE has organized **One week Workshop on "Microsoft Certification Programme on Python"** from   8-7-2019 to 12-7-2019, 19-7-2019 at CMS Excellence

Center. The resource person for this workshop is Nagakumar Kondisetti, Managing Director, Devspark IT Solutions, Hyderbad for III CSE Students. The no.of participants are 49.

3. The Department of CSE has organized **Three day Workshop on" Python"** in association with APSSDC from 18-07-2019 to 20-07-2019 for II CSE Students at PL Lab. The resource person for this event are The number of participants to this workshop are 70.

b) Student Achievements:

1. R. Harika of IV CSE was selected for Value Labs.
2. Karthik and Narendra of IV CSE were selected for EPAM Systems.
3. 37 students of III CSE were certified "Microsoft Certification Programme on Python".

c) Student Participation:

1. 2 NCC Cadets have participated in RALLY from Andhra Loyaola College to St.john's school ,Gundala,Vijayawada, as a part of celebration of 20 years of Kargil war on 26-07-2019.

2. 26 Students (III CSE and II CSE) has participated/coordinated and act as volunteers in the following list of (NSS) events.

    i. Awareness Campaign against the usage of plastic and Plantation on 26-07-2019.

    ii. Income Tax day on 24-07-2019.

    iii. Autonomous Extension Committee on 21-07-2019.

    iv. Passport Mela for two weeks during on 08-07-19 to 19-07-2019.

3. 5 NCC Cadets have participated in the Autonomous Extension Committee on 21-07-2019.

4. 70 students (II B.Tech-CSE) has participated in Python workshop conducted in collaboration with APSSDC,A.P, from 18-07-2019 to 20-07-2019,9.00 am to 4.00 pm at Application development lab, room:216,PVPSIT.

5. 49 students (III-B.Tech-CSE) students has participated in the Microsoft Certification Programme on Python – Workshop from 8-7-2019 To 12-7-2019, 19-7-2019 at Application development lab, room:216.,PVPSIT.

6. All III B.Tech students attended in "A Guest Lecture On Data Quality Control And Analytics" on 01-07-2019 at PVPSIT.

7. 41 students(II B.Tech-CSE and III B.Tech-CSE) has participated in An Inter-Collegiate Essay Writing contest conducted by Gora Science Centre on 26-07-2019. Topic is "Nowadays Traditions and customs are becoming Superstitious."

d) **No. of students having attendance <75% :**

II Year   :15

III Year   :30

2. Faculty Activities:

a) **Professional activities: Workshops/seminars/conferences participated:**

1. Mr. D.Lokesh Sai Kumar has attended Train the trainer Three day Workshop on "INFYTQ based FP" at Sri Indu college of Engineering and Technology, Ibrahimpatnam from 15 th – 17 th July 2019.

2. Mr. A.Vanamala Kumar has attended One day Workshop on "NPTEL "IIT Madras at IC & SR, IITM from 26th July 2019.

3. Mr. P. Srinivasa Rao, Mrs. P. Anusha, Mrs. M. Krishnaveni and Mrs. M. Ganga Sri has attended 2-Days workshop on "Cloud Computing" from 29-07-2019 to 30-07-2019 organized by Department of Information Technology, PVPSIT in Association with APSSDC.

b) Papers Presented/ Published:

1. Dr.K.Koteswararao, Ms.J.Rama Devi and Dr.A.Sudhir Babu has published a paper entitled " Liquescent Level Checking and Scheming System By Means of Iot " in International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-9, July-2019 with ISSN: 2278-3878

2. Dr.K.Koteswararao, Mr.P.Anil Kumar and Mr.Ch.Chandra Mohan has published a paper entitled "Software Test Case Generation and it's curtail using Genetic Algorithm" in International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-9, July-2019 with ISSN: 2278-3878

3. Ms.A.Ramana Lakshmi has published a paper entitled "A Goal-Based Exploratory Search Engine Implementation", in International Journal of Recent Technology and Engineering, Vol-8, Issue-2, July-2019 with ISSN: 2278-3878

4. Ms. J.Rama Devi has published a paper entitled " An Efficient Density Parameter-Light In Enhanced Subspace Clustering in High Dimensional Data" in International Journal of Advanced Science and Technology (Scopus Indexed Journal),Vol-128, Issue-7, July- 2019 with ISSN: 2207-6360.

5. Ms.B.Lakshmi Ramani has published a paper entitled "Deep Learning and Fuzzy Rule-Based Hybrid Fusion Model for Data Classification" in International Journal of Recent Technology and Engineering , Vol-8, Issue-2, July-2019 with ISSN: 2278-3878

6. Ms.D.Swapna, Ms.A.Madhuri , Ms.T.Sri Lakshmi and Mr.S.Phani Praveen has published a paper entitled " An Efficient Distributive Framework for Preserving Data Privacy Through

Block Chain" in International Journal of Recent Technology and Engineering , Vol-8, Issue-2, July-2019 with ISSN: 2278-3878

c) Acheivements:

1. Dr. S. Madhavi has applied a project "A System for Secured Long Distance Communication in Wireless Quantum Sensor Networks" to DST nano for 50 Lakhs.

2. Dr K Koteswara Rao was the Advisory committee member for International Conference on Advancing Knowledge from Multidisciplinary Perspectives in Engineering & Technology (ICAKMPET-19).26th- 27th July, 2019 in Vybrant Hotel, Vijayawada. ICAKMPET-19 is being organized by Institute For Engineering Research and Publication (IFERP) (Scopus Indexing Conference).

3. A. Vanamala Kumar has received "Active SPOC" Award for Swayam- NPTEL Local Chapter (Jan-April-2019)

d) Others:

1. The Department of CSE is organizing " **Coding Skills Enhancement Program**" for II, III Year students to improve Programming Development Knowledge from 17th June-2019.

e) Industry-Institute Interaction:

1. The Department of CSE has signed an MOU with DEVSPARK IT Solutions, Hyderabad on 1-7-2019.
2. An Incubation Centre " PHOENIX Dev Centre" was established by Devspark IT Solutions, Hyderabad in the Department of CSE, PVPSIT.
3. To develop Realtime Applications in the PHOENIX Dev Centre 15 students of III CSE were selected as Interns.

f) Innovations by Faculty in Teaching & Learning:

1. Dr.B.Janakiramaiah has implemented the innovative teaching methods Role play, Quiz(Kahoot Online Tool) for Operating Systems subject.

2. Y. Surekha has implemented the innovative teaching methods Google Class Room for Operating Systems subject.

3. G. Lalitha Kumar has implemented the innovative teaching methods Google Class Room for OOPS through JAVA subject.

4. Dr.A.Jaya Lakshmi has implemented the innovative teaching methods Video Lecture for FLAT subject.

5. Ms.T.Sri Lakshmi has implemented the innovative teaching methods Quiz(Kahoot Online Tool for Operating Systems subject.