PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
MONTHLY REPORT- MAY- JUNE 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) Student Participation:

1. G. Chandra Teja(16501A0531) of IV Year has completed his training program in "Machine Learning" at Cyberaegis IT Solutions Pvt.Ltd.Hyderabad from 29th April- 29th May 2019

2. P. Apoorva of IV Year has completed her Internship on "Study Of It Network & Design Of Related Software" at Airports Authority Of India,VijayawadaAirport,Vijayawada from 17-05-2019 To 31-05-2019.

3. B. Sai Teja has completed his internship on " Online Event Planning System" at Wright Tech Software Solutions Pvt Ltd. NRP Road,GandhiNagar,Vijayawada from 01-05-2019 To 03-06-2019

4. **5** NCC CADETS(V.HemaChowdary, K. Nitish and N. Naga SaiAkhil of III CSE, CH.Anitha and K.V.R.Koushika of IV CSE) has participated in the program "INTERNATIONAL YOGA DAY" celebrations held at Indoor Stadium, Maris Stella College, Vijayawada Conducted by 8(A) Navi unit Vijayawada on 21-06-2019.

5. N.Naga Sai Akhil of III CSE student has participated in the NCC Camp(CATC-II) Program held at Agricultural market yard, Nuzvid from 09-06-2019 to 18-06-2019.

6. 33 Students (III CSE and II CSE) has participated/coordinated and act as volunteers in the following list of (NSS) events.
    i. Environment Day on 05-05-2019.
    ii. Blood Donors Day on 14-06-2019.
    iii. Yoga Day on 21-06-2019.
    iv. Blood Donation on 26-06-2019.
    v. Inauguration of Rotaract Club on 28-06-2019.

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

II Year   **:44**
III Year   **:50**
IV Year   **:60**

2. Faculty Activities:

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

1. IMV Krishna, K. Vijay Kumar, M. Sailaja, A.Yuva Krishna, K. Venkatesh has participated in the One week FDP " Deep Learning and its Applications" organized by E & ICT Academy, NITW, at Dept. of IT, PVPSIT from 24th -29th June 2019.

2. G. Lalitha Kumari, V. Siva Parvathi, M. Sailaja, Y. Surekha, A. Vanamala Kumar has participated in One week FDP on " Machine Learning Techniques for Image Processing and Computer Vision" organized by E & ICT Academy, Dept. of CSE, NITW, Warangal from 6th – 11th May 2019.

3. K. Venkatesh and V. Rajesh has participated in One week FDP on " Big Data Computing" organized by E & ICT Academy, NITW, at NITAP from 29th April 2019 – 4th May 2019.

4. V. Siva Parvathi, M. Sailaja has participated in International Conference on " Engineering, Technology, Pharmacy and Management ICETPM-2019" organized by Malineni Perumallu Educational Society's Group of Institutions, Pulladigunta, Guntur in May-2019.

b) Papers Presented/ Published:

1. K. Vijay Kumar has published a paper " An Enhancesd and Reliable Encrypted Cloud Storage Supporting Reduplication in Parallel Distribution Systems" in International Journal of Research(IJR) in June 2019 with ISSN:2348-6848.

2. Mr.B.N.Swamy and Mr.M.Ram Gopal has published a paper entitled " Image Forgery Detection by Using Machine Learning", in International Journal of Advanced Science and Technology, Vol-127, June-2019 with ISSN:2207-6360

3. Ms.J.Ramadevi has published a paper entitled "Evaluation of Enhanced Subspace Clustering Validity Using Silhouette Coefficient Internal Measure",in Journal of Advanced Research in Dynamical and Control Systems, Vol-11, Issue-1, January-2019 with ISSN: 1943-023X(Scopus)

4. Ms.Ch.RatnaJyothi, has published a paper entitled "Partially Occluded Face Recognition System Based on Fuzzy Image Segmentation Approach", in International Journal of Computer Science and Engineering, Vol-2, Issue-1, January-2019 with ISSN: 2347-2693

5. Ms.M.Sailaja and Ms.V.Siva Parvathi has published a paper entitled " Analysis of Machine Learning Adaboost Based Classifier", in International Journal of Recent Technology and Engineering (IJRTE), Vol-7, Issue-6S5, April-2019 with ISSN:2277-3878(Scopus)

6. Y. Surekha & A. Vanamala Kumar has published a paper entitled "Machine Learning Based Adboost Algorithms" in International Journal of Recent Technology and Engineering (IJRTE), Vol-7, Issue-6S5, April-2019 with ISSN:2277-3878(Scopus)

7. B. Lakshmi Ramani has published a paper entitled " Open CV Algorithms for Facial Recognition" in International Jouranal of Innovative Technology and Exploring Engineering(IJITEE), Vol-8, ISSN – 2278 3075, in June 2019(Scopus)
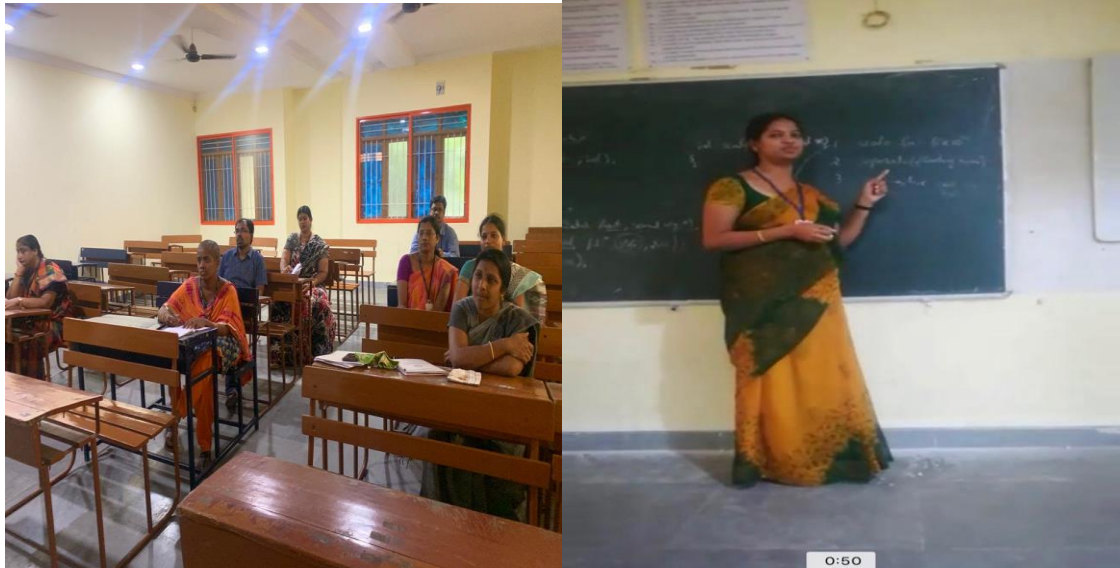
c) Acheivements:

1. A. Vanamala Kumar has **published a patent** "P- material: Wast Plastic Convert into a Pipe, Tiles and other Materials" with application no: 201921009952 on 21st June 2019.

2. Dr K Koteswara Rao designated as **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. Dr. B. Janaki Ramaiah has delivered a **Keynote** on "How to write a Scientific Paper" in the "Second International Conference on Soft Computing & Signal Processing" at Malla Reddy College of Engineeing & Technology, Hyderabad on 22-6-2019.

4. Dr. B. Janaki Ramaiah has acted as the **Session Chair** for the "Second International Conference on Soft Computing & Signal Processing" at Malla Reddy College of Engineeing & Technology, Hyderabad on 21-6-2019.

5. Dr. S. Madhavi has **applied a project** "Genetic based Long Distance communication for WirelessQuantum Sensor network using Quantum Entanglement"to SERB Core Research Grant for 44.5 Lakhs in May 2019.

6. N.Venkata Ramana Gupta has **published a patent** "Mobile Equipment and a modelling method using natrual mating algorithm(NMA)" with application no: 201741046420 on 28-06-2019.

d) Others:

1. The Department of CSE is organizing **Semester Readiness Program (SRP)** for I, II, III Year Lab Handling Faculties from 17th June-2019.

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

3. B. Swathi, Alumni of 2017 has addressed the final year students regarding "How to prepare for Campus Placements" on 25-6-2019.