PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MONTHLY REPORT- DECEMBER 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.

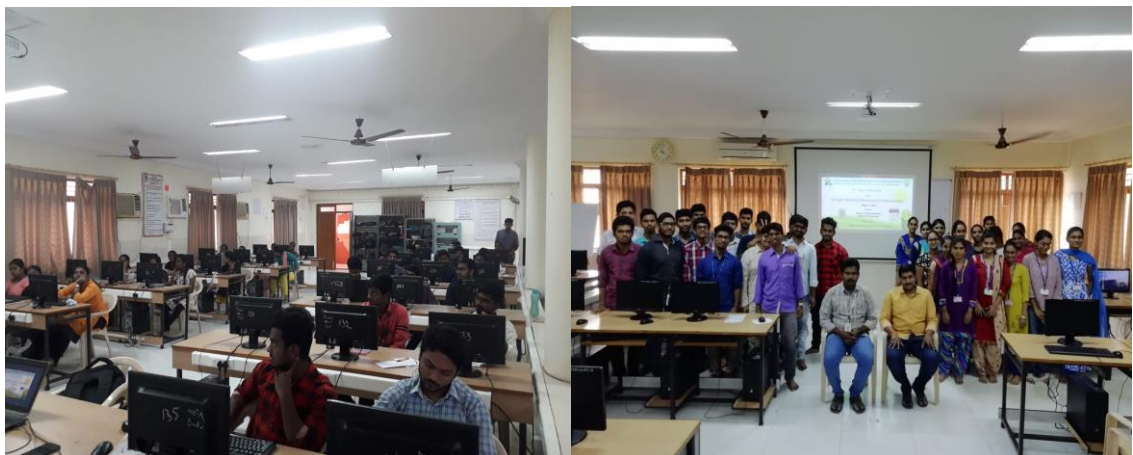|	
PEO-I	The graduates of the program will excel in the fundamental concepts of basic engineering and advanced concepts of computer science engineering.
PEO-II	The graduates of the program will be professional in computing industry or pursuing higher studies.
PEO-III	The graduates of the program will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

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. **Student Activities:**

   a) **Workshops/seminars/conferences organised:**

      1. 6-day Training Program on "Google Android Developer Fundamentals Workshop Phase I and Phase II" for II B.Tech., CSE- Section1 Students in Association with APSSDC at PVPSIT held from 09 th ~14 th December, 2019. 49 Students are trained and certified in this program.

2. 6-day Training Program on "Google Android Developer Fundamentals Workshop Phase I and Phase II" for II B.Tech., CSE- Section2 Students in Association with APSSDC at PVPSIT held from 16 th ~21 st December, 2019. 59 Students are trained and certified in this program.

b) Student Achievements:

1. P. Siva Venkata Sai Rohith secured **GOLD MEDAL** and stood in TOP 5% with a consolidated score of 91% in the course "Programming in JAVA" in NPTEL.

2. S. Adithya Vardhan Sai Kiran secured **SILVER SCORE** and stood in TOP 5% with a consolidated score of 80% in the course "Problem Solving Through Programming in C" in NPTEL.

3. G. Roopa Sri, J. Divya, B. Meghana, A.Tonika were selected for **FINALE out of 250 teams for "Hackathon And Conclave on AR/VR"** which is going to be organized at IIT Bhubaneswarwith the idea "World of Thoughts".

4. E.Sowmya has got **I Prize** in the event Throw Ball at "State meet 2019 Men Women championship" at Nalanda School, Vijayawada on 21-12-2019 to 22-12-2019.

5. K.S.V Charitha has got **II Prize** in the event Ragam at DHANUSH'19 organised by Dhanekula Institute of Engineering and Technology conducted on 20-12-2019.

6. G.sushmitha has got **II Prize** in the event Ragam at DHANUSH'19 organised by Dhanekula Institute of Engineering and Technology conducted on 20-12-2019.

7. T.Gaytri has got **II Prize** in the event Ragam at DHANUSH'19 organised by Dhanekula Institute of Engineering and Technology conducted on 20-12-2019.

8. **37** students have certified for **MICROSOFT TECHNOLOGY ASSOCIATE(MTA) FOR " INTRODUCTION TO PROGRAMMING USING PYTHON "**

9. **8** students of II CSE have certified the course "**PYTHON" through COURSERA** in association with APSSDC.

10. **72** students of CSE have certified various courses through **NPTEL** during the period of July-December 2019.

c) **Student Participation:**

1. 29 students of II CSE has participated in various events like PPT, CODE HUNTER at DHANUSH-2K19 organized by Dhanekula Institute of Engineering and technology conducted 20-12-2019.

2. 15 Students II B.Tech CSE has participated in various events like PPT, CODING CONTEST and Workshops at VIVA VVIT 2019-20 organized by VVIT, Namburu, on 21-12-2019 and 22-12-2019.

3. K. Sai Sukeerthi and G.Bhargavi of II CSE has participated in SRUJANA-2K19 organized by LBRCE, Mylavaram on 21-12-2019.

4. All the students of II CSE S2 has participated in Six Day Workshop on "Google Android Developer Fundamentals" organized by APSSDC at PVPSIT, Vijayawada, from   16-12-2019   to 21-12-2019.

5.   All the students of II CSE S1 has participated in Six Day Workshop on "Google Android Developer Fundamentals" organized by APSSDC at PVPSIT, Vijayawada, from   09-12-2019 to 14-12-2019.

NCC Events:

1. V. Hema Chowdary (17501AO5B5), K.NITISH (17501AO554) has participated in the event "World Pollution Prevention day" organized at Andhra Loyala college, Vijayawada on 02.12.2019.

2. V. Hema Chowdary (17501AO5B5), K.NITISH (17501AO554), Ch. Anitha (16501AO521) has participated in Rally on "Human Rights Day" at VR Siddhartha Engineering College on 10.12.2019.

3. MD.ARFEEN(18501AO579),   V.HemaChowdary   (17501AO5B5),   K.NITISH (17501AO554), N.Naga Sai Akhil (17501AO582) has participated in raising funds on the eve of "ARMED FORCES FLAG DAY" on 11.12.2019 to 12.12.2019.

YOGA:

1. K. Sri Syam Saran (16501A0553), Ch. Naga supriya (18501AO520) has participated in Yoga team selection trials-2019 at JNTUK college of engineering, Kakinada on 06.12.2019 and 07.12.2019.

SPORTS:

1. 6 Students II B.Tech CSE has participated in the event CHESS at VIVA VVIT 2019-20 organized by VVIT, Namburu, on 21-12-2019 and 22-12-2019.

2. K.Karan paul,Ch. Sai HarshaVardhan, Ch. Adharsh, K.M.S.Vishnu has participated in Basketball, Volleyball at VIVA VVIT 2019-20 organized by VVIT, Namburu on 21-12-2019 and 22-12-2019.

3. P.V.R.Sravanth has participated in Foot Ball tournament organized at Eenadu cricket cup – 2019 on 06.12.2019 .

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

II Year	**:17**
III Year	**:23**
IV Year	**:51**

2. Faculty Activities:

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

1. Mr. N.Venkata Ramana Gupta has attended A One-Week Workshop on "**Simulation of underwater Communications (SUC`19),Under the aegis of Wireless Information Networking Group (WiNG)** at NITK Surathkal, Mangalore, India from 09-12-2019 To 13-12-2019.

2. Mr. B.Vishnu Vardhan and Mr. D.Lokesh Sai Kumar has attended One week FDP on "**INTERNET OF THINGS**" at IIIT Nagpur from 16-12-2019 To 20-12-2019.

3. Mrs. D.Sree Lakshmi has attended One Week NPTEL FDP on "**Python for Data Science**" in association with AICTE at IIT Madras from 25-08-2019 To 08-10-2019.

4. Mrs. A.Divya has attended A Ten Days NPTEL FDP on " **Introduction to Internet of Things**" at IIT Madras from 23-07-2019 To 23-10-2019.

5. Mrs. V.Siva Parvathi and Mrs. M.Sailaja has participated in International Conference on "**Recent Challenges & Explorations in Engineering, Technology & Science - ICRCEETS-2K19**" at Ramachandra College of Engineering, Eluru on 21-12-2019.

6. D. Lokesh Sai Kumar has attended A Ten Days FDP on " **Problem Solving Through Programming in C**" at IIT Madras.

b) Papers Published:

1. Ms. B. Lakshmi Ramani has published a paper entitled "**Extreme Learning Model Based Phishing Classifier**", in International Journal of Recent Technology and Engineering, in Vol-8, Issue-4 Dec-2019 with ISSN: 2277-3878.

2. Mr.N.V.Ramana Gupta has published a paper entitled " **Problematic Observations using Firefly Algorithm and its Variants** ", in International Journal of Innovative Technology and Exploring Engineering in Vol-9, Issue-2 Dec-2010 with ISSN: 2277-3075

c) Papers Presented in Conferences:

1. Ms. G. Lalitha Kumari, Ms. Y. Surkeha and Mr. A. Vanamala Kumar has presented a paper entitled " **User Interactive Mobile Augmented Reality of PVPSIT Campus**" in the International Conference On Recent Challenges & Explorations in Engineering Technology & Science, held on 21st December 2019 at Rama chandra College of Engineering, Eluru.

2. Mrs. A. Ramana Lakshmi has presented a paper entitled " **Analysis of Investigations on The Classification and Segmentation of Brain Images in Computer Technology**" in the International Conference On Recent Challenges & Explorations in Engineering Technology & Science, held on 21st December 2019 at Rama chandra College of Engineering, Eluru.

d) Faculty Seminars:

1. Mr. N. V. Ramana Gupta has presented a seminar on "Under Water Communication (UWC)" on 24-12-2019.

e) Achievements:

1. Dr. A. Sudhir Babu got an AICTE Training Program sanctioned from AICTE under Prerana (Promoting Higher Education among SC/S T students) Training Program for SC/ST Students in computing innovations and selecting higher education in reputed Institutions AICTE (Training Program).

2. Dr. A. Sudhir Babu got an AICTE STTP Program sanctioned from AICTE on "Machine Learning and IOT Technologies for Environmental Issues".

3. Mr.A.Vanamala Kumar has published a book entitled "**Probability and Statistics**" with ISBN: 978-81-943281-0-0.

4. Mr. A.Vanamala Kumar has received an award from NPTEL-IIT Madras for his Instrumental role as Single Point of Contact (SPOC) for the Swyam-NPTEL Local Chapter, PVPSIT for the period of July-Dec, 2019 NPTEL online Courses.

5. 11 faculty members have certified various courses through NPTEL during the period July-December 2019.