PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MONTHLY REPORT- JANUARY 2019.

VISION

To be a centre of excellence in Computer Science and Engineering and take up challenge 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:

Seminars/Workshops/STP's organized:

1. The department of CSE has organized 6-Days Training Program on **"Problem Solving Skills using C"** for I B.Tech Students in association with APSSDC at PVPSIT held on 07-01-2019 to 12-01-2019.

Training Program on "Problem Solving Skills using C"

2. The department of CSE has organized One day Student Seminar on **"Ensuring Quality of Large Software Projects "**for IInd IIIrd and IVth year students by Dr. V. S. R. Krishnaiah, Ex. Deputy Director General, National Informatics center(NIC) on 09-01-2019.

Seminar on "Ensuring Quality of Large Software Projects

3. The ACM PVPSIT Student Chapter organized a 2-Day Student Training Program on "**Microsoft Azure Feature and its Applications**" by Somayajulu Pola, Microsoft, Hyderabad in association with Department of Computer Science and Engineering on 04-01-2019 and 05-01-2019. The Co-coordinators of this STTP are Mr. N.V. Ramana Gupta and Mrs. D. Sree Lakshmi. Total 76 students were participated from CSE and IT departments of PVPSIT.

Training Program on "Microsoft Azure Feature and its Applications"

a) **Student Achievements:**

1. A. Sree Lekha and J. Rose Mary were selected for the final phase in Intech Olympiad 2019 for the Project titled" **Design GPS Application Based on NAVIC**" under the supervision of Dr K Koteswara Rao and Dr A Sudhir babu.

2. M. Navya and Ch. Tejaswini ha s received Prathibha awards, Merit certificates and Medals from JNTU Kakinada.

Receiving award from JNTU, Kakinada

3. **SAGTE Merit Scholarships :**

   a. 8 students of II B.Tech have received merit Scholarship.

   b. 8 students of III B.Tech have received merit Scholarship.

   c. One student of IV B.Tech has received merit scholar ship.

Receiving Merit Scholarships from SAGTE

4. T. Sai Madhav of III B.Tech has completed his Internship in Fintech (APEITA) from 05-12-2018 to 28-01-2019.

5. V. Hima Varshini and K. Indu has participated in **Mock Parliament** organized by Montosorri Mahila Kalasala in association with Muncipal Corporation Hall from 7th to 8th Jan-2019.

b) Student Participation:

1. D. Yaswanth Reddy has participated in "**Speed Inline skating and Quad Roller Hockey**" organized by JNTUK Roller Sports (Men and Women) teams in the part of All India Inter – University Roller sports in association with Maharshi Dayanand University, Rohtak from 28-01-2019 to 31-01-2019.

2. D. Yaswath Reddy and P.V.R.Sravanth has participated **in JNTUKIC foot ball tournament** 2018-19 at Lbrce ,mylavaram,Krishna District on 07-01-2019.

3. B. Mahija has participated in the **Cyent-online written test (on line assessment)** Tirupathi ,S,V.College of engineering, from 10-01-2019 to 11-01-2019.

4. 12 students have participated as student Volunteers in the Village and household Survey on **"identifying development Challenges and evolving appropriate solutions for accelerating sustainable growth"** organized at Prodduturu and Akunuru villages 08-01-2019.

5. R. Sumanth and M. Yaswanth has participated in **Young Army** at KL. University on 09-01-2019.

6. CH.Vivek, M. Blessy Pratyusha and N. Pujitha Veni has participated as volunteers in the **three day children fest, Amaravati Balotsavam** organized by Krishnaveni Talent School, Vijayawada from 02-01-2019 to 04-01-2019.

7. 19 students have participated and donated blood in the **blood donation camp** organized by NSS Unit in association with Lions Club Blood Bank, Vijayawada on 10-01-2019.

8. K. Sri Syam Saran, K. Vijaya Lakshmi and Ch. Anitha of III B.Tech students selected for **JNTUK Yoga team** for participating in APCM cup Inter-University yoga (Men/Women) tournament 2018-19, organized by Rajiv Gandhi University of knowledge Technologies, Nuzividu from 26-01-2019 to 28-01-2019.

c) No. of students having attendance <75%

II year: 31
III year: 26(Except Internship Students 29 remaining Students having <75%)
IV year: 48

2. Faculty Activities:

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

1. Mr. A. Vanamala Kumar attended a Workshop on **"Artificial Intelligence and Deep Learning"** at VR Siddhartha Engineering College, Vijayawada from 26-01-2019 to 28-01-2019.
2. Mr. A. Vanamala Kumar attended 1-Day **SPOC workshop** on 19-01-2019 at IC & SR by IIT Madras.
3. Mr. A. Vanamala Kumar attended 1-Day workshop on **"Effective Mentoring in NPTEL Online Courses"** on 18-01-2019 at IIT Madras.
4. Mr. K. Vijay Kumar, Mr. N.V. Ramana Gupta, Mr. A. Vanamala Kumar, Mr. D. LokeshSai Kumar, Dr. S. Madhavi, Ms. A. Ramana Lakshmi, Ms. B. L. Ramani, Ms. D. Sree Lakshmi, Ms. T. Sri Lakshmi, Ms. A. Divya received certificates from NITTTR Kolkata on account of a Short Term Training Program through ICT mode on "**Introduction to Network Security**" held from 03-12-2018 to 07-12-2018. The Co-ordinator to this STTP is Ms. T. Sri Lakshmi.

b) Papers Presented in Conferences :

1. **Dr. B. Janakiramaiah** has presented a paper entitled "Reducing Dimensionality of Data Using Autoencoders" in Third International Conference on Smart Computing and Informatics(SCI) on 21st -22nd December-2018 at KIIT-Bhubaneswar (Scopus Indexed)
2. **Dr. K. Koteswara Rao and Dr. A. Sudhir Babu** has presented a paper entitled "Healthcare using machine learning aspects" in DST Sponsored Second National Conference on Cyber Security, Image Processing, Graphics, Mobililty & Analytics (NCCSIGMA-2K19) on 24th - 25th January-2019 at CMR Technical Campus, Medchal, Hyderabad. (Scopus Indexed)
3. **Dr. K. Koteswara Rao, Dr. A. Sudhir Babu, Mr. P. Anil Kumar,** and **Mr. Ch. Chandra Mohan** has presented a paper entitled "Software application test case generation with OBDM" in DST Sponsored Second National Conference on Cyber Security, Image Processing, Graphics, Mobililty & Analytics (NCCSIGMA-2K19) on 24th - 25th January-2019 at CMR Technical Campus, Medchal, Hyderabad. (Scopus Indexed)
4. **Ms. D. Swapna and Mr. S. Phani Praveen** has presented a paper entitled "An Exploration of Distributed Access Control Mechanisms using Block Chain" in Third International Conference on Smart Computing and Informatics(SCI) on 21st -22nd December-2018 at KIIT-Bhubaneswar (Scopus Indexed)

5. **Mr. K. Venkatesh and Mr. V. Rajesh** has presented a paper entitled "SQLLADP:A Novel Framework to Detect and Prevent SQL Injection Attacks" in Third International Conference on Smart Computing and Informatics(SCI) on 21st -22nd   December-2018 at KIIT-Bhubaneswar (Scopus Indexed)

c) **Faculty Achievements:**

1. Mrs. CH. Ratna Jyothi **was awarded PhD** from Krishna University, Machilipatnam.
2. Mr. A. Vanamala Kumar has received appreciation **award from NPTEL** for his instrumental role as SPOC for the SWAPYAM- NPTEL Local Chapter to achieve **"A Grade "** based on performance in NPTEL Online Certification Courses in the period of Jul-Oct 2018.

Receiving award from Prof. Bhaskar Ramamurthy, Director IIT Madras