

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MONTHLY REPORT- APRIL-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. Faculty Activities:

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

1. Dr.Phani Praveen Surapaneni , Ms. D. Swapna has participated in A webinar on Technology For Future on Robotic Process Automation: Basics and Beyond organized by ICT Academy on 10-04-2020.
2. Ms. D. Swapna has participated in A Webinar - Season 1-Technology For Future on The future of Making organized by ICT Academy on 14-04-2020.
3. Dr.Phani Praveen Surapaneni , Ms. D. Swapna has participated in A webinar - Season 1-Technology For Future on Introduction to VMware Cloud organized by ICT Academy on 11-04-2020.

4. Dr.Phani Praveen Surapaneni , Ms. D. Swapna has participated in A webinar on Technology For Future on Future of AI inspired by Consumer Use Cases for AI-ML organized by ICT Academy on 09-04-2020.
5. Dr. Phani Praveen Surapaneni has participated Webinar on Infectious Disease Outbreak Research: Insights and Trends organized by BrightTalk (Scopus) on 07-04-2020.
6. Dr. Phani Praveen Surapaneni has participated Webinar on Machine Learning organized by Maharaja Institute of Technology, Thandavapura, Mysuru, Karnataka on 13-04-2020.
7. Dr. Phani Praveen Surapaneni has participated Webinar on The Future of Making organized by ICT Academy on 14-04-2020.
8. Dr. Phani Praveen Surapaneni has participated Webinar on Introduction to AI & ML organized by ICT Academy on 15-04-2020.
9. Ms.T.Sri Lakshmi, Ms.Ramana Lakshmi Adusumilli, Ms. D. Sree Lakshmi , Mr. A.Vanamala Kumar , Ms. G. LalithaKumari , Mr. D.LokeshSai Kumar , has completed Coursera course on Programming for Everybody (Getting Started with Python) organized by University of Michigan.
10. Ms. D. Sree Lakshmi, Mr. D.LokeshSai Kumar, D. Swapna has completed Coursera course Python Data Structures organized by University of Michigan.
11. Ms. G. LalithaKumari , Mr. A.Vanamala Kumar has completed Coursera course on AI For Everyone organized by Deeplearning.ai.
12. Dr. J.Ramadevi has completed Coursera course Python Programming for Everybody organized by University of Michigan.
13. Ms. G. LalithaKumari has completed Coursera course on Machine Learning Foundations: A Case Study Approach organized by University of Washington.
14. Mr. D.LokeshSai Kumar has completed Coursera course on The Bits and Bytes of Computer Networking organized by Google (Coursera).
15. Mr. D.LokeshSai Kumar has completed Coursera course on Technical Support Fundamentals organized by Google (Coursera).
16. Mr. D.LokeshSai Kumar has completed Using Python to Access Web Data organized by University of Michigan.
17. Mr. D.LokeshSai Kumar has completed Coursera course on Using Databases with Python organized by University of Michigan.

18. Mr. D.LokeshSai Kumar has completed Coursera course on Capstone: Retrieving, Processing and Visualizing Data with Python organized by University of Michigan.
19. Mr. D.LokeshSai Kumar has completed Coursera course on Python for Everybody organized by University of Michigan.
20. Mr. D.LokeshSai Kumar has completed Coursera course on Mathematical Thinking in Computer Science organized by University of California, SanDiego.
21. Mr. D.LokeshSai Kumar has completed Coursera course on Introduction to Graph Theory organized by University of California, SanDiego.
22. Mr. D.LokeshSai Kumar has completed Coursera course on Number Theory and Cryptography organized by University of California, SanDiego.
23. Mr. D.LokeshSai Kumar has completed Coursera course on SQL for Data Science organized by University of California, Davis.
24. Dr. A. Jaya Lakshmi, Dr. K KoteswaraRao , Mr. K. Vijaya Kumar , Mr. D.LokeshSai Kumar has completed Coursera course on AI for Everyone organized by deeplearning.ai.
25. Mr. D.LokeshSai Kumar has completed Coursera course on Compose and Program Music in Python using Earsketch organized by rhyme.
26. Mr. K. Vijaya Kumar has completed Coursera course on Machine Learning Foundations: A Case Study Approach organized by Coursera.
27. Dr. B.Janakiramaiah, has completed Coursera course on AI For Everyone organized by Stanford University.
28. Dr. S. Phani Praveen , D. Swapna has completed Coursera course on Programming for Everybody (Getting Started with Python) organized by University of Michigan
29. D. Swapna has completed Coursera course on Introduction to Blockchain Technologies organized by Insead.
30. D. Swapna has completed Coursera course on Smart Contracts organized by University of Buffalo.

b. Publications:

1. Ms.A.RamanaLaskhmi has published a paper entitled “ Hybridization of Grid and Density Based Clustering for Formation of Macro and Micro Level Clusters”, in

International Journal of Advanced Science and Technology with ISSN:2005:4238,Vol:29
No:6 in April 2020 (**Scopus Indexed**)

2. Mr.K.Vijay Kumar has published a paper entitled “Privacy-Preserving Human Activity Recognition and Resolution Image using Deep Learning Algorithms Spatial relationship and increasing the attribute value in OpenCV” International Journal of Advanced Science and Technology with ISSN:2005:4238, Vol:29 No:6 in April 2020(**Scopus Indexed**)
3. Mr.A.Vanamala Kumar, Mr.B.N.Swamy , Ms.G.LalithaKumari and Ms.Y.Surekha has published a paper entitled “ Analysis of machine Learning based Cyber Security” in TEST engineering and management Journal , April-2020 with ISSN:0193-4120(**Scopus Indexed**).

c. Acheivements:

1. Mr. A. Vanamala Kumar selected as “NPTEL Translation Quality Controller” for the courses of Computer science Engineering, Mathematics and Humanities.
2. Dr. K. Koteswara Rao appointed as Editorial board member for International Journal of Mathematics and Computer Science ISSN Print: 2575-6036 ISSN Online: 2575-6028, Science Publishing Group USA <http://www.sciencepublishinggroup.com/j/mcs>”.
3. Dr. K. Koteswara Rao Acting as Reviewer for IEEE Access Journal, ISSN- 21693536, and SCI Journal. <https://publons.com/dashboard/records/review/>