



# PVPSIT NEWS

A Half Yearly News Letter

Department of Information Technology

PVP Siddhartha Institute of Technology

(Sponsored by Siddhartha Academy of General and Technical Education)

NBA Accredited and ISO 9001: 2008 certified Institution

Kanuru, Vijayawada- 520 007

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## GUEST LECTURES/WORKSHOPS CONDUCTED BY THE DEPARTMENT

- i. Department of IT conducted a guest lecture on “Awareness on Higher Studies and Opportunities in USA” for which the resource person is Mr.B.Vineeth, MS, Illinois State University on 01.07.2019 for III B.Tech students.
- ii. A seminar on “Gate Awareness and Its Opportunities” on 06.07.2019 for which the resource person is Mrs.G.Navatha, Director of Pranav Academy, Vijayawada for III B.Tech. Students.
- iii. A three-day workshop was conducted on “Python” for III B.Tech students from 07.08.2019 to 09.08.2019 in association with APSSDC.
- iv. A guest lecture was conducted on “Modern Software Paradigm and upcoming job Opportunities in thrust area of IT” to IV B.Tech IT students on 05.09.2019 by Alumni Mr.D.Krishna Chaitanya, Sr.Software Engineer, Autodesk, USA.
- v. A guest lecture for III B.Tech students was conducted on “Augmented Reality, Virtual Reality and Mixed Reality” by Mr.K.SuryaPrakash, MisplacedMinds, Hyderabad, on 15.11.2019. Coordinators: Dr.P.V.S.Lakshmi and Mr.P.Ravi Prakash.
- vi. A guest lecture was conducted to all B Tech. students of IT on "How to become a person of Peace with Embodiment of Professional Ethics" by Mr.H.Suneel Kumar, Alumni of IT (2009), Career Counselor, Germany held on 22.11.2019.
- vii. A Seminar was conducted on “Emerging Technologies & Future Plans after Graduation” to all II B.Tech IT students on 30-12-2019 for which the resource Person is Mr. Sudhakar Lingamneni, Finance Risk Manager, Vice President, Citi Bank, Singapore.

If opportunity  
doesn't knock,  
build a door.  
Milton Berle

## PAPERS PUBLISHED BY STAFF

- i. Dr.Y.Suresh published a paper titled, “Feature Extraction & Analysis in Multimodal Biometric Authentication using LU Factorization with kroneclace algebra” in Scopus indexed journal IJITEE Vol.8, Issue: 11, September, 2019.
- ii. Dr.K.Pavan Kumar published a Paper titled, “A Naive Approach for Viewpoint Pattern Mining” in Journal of Computational and Theoretical Nanoscience, Scopus Indexed with ISSN: 4059-4442, in October, 2019.
- iii. Dr.A.Haritha, Dr.P.V.S.Lakshmi and Dr.G.Lakshmi published a paper titled, “Design and Development of Smart Cafeteria to Manage the Process Flow of a Restaurant” in International Journal for Innovative Engineering and Management Research” ISSN: 2456-5083, Elsevier SSRN in December, 2019.
- iv. Ms.J.Sirisha published a paper titled, “An Ontology Based Expert System for Lung Cancer: OBESLC” in International Journal of Engineering and Advanced Technology (IJEAT)-Scopus Indexed with ISSN: 2249-8958, Volume-9, issue-2 in December, 2019.
- v. Dr.R.Vijay Kumar Reddy published a paper titled, “Effectiveness of Data Augmentation on Handwritten Digit Classification” in Journal of Advanced Research in Dynamical Control System-Scopus Indexed with ISSN: 1943-023X, Volume-11, No.12 in December, 2019.
- vi. Dr.J.Rajendra Prasad published a paper on “Hyper spectral Image Segmentation Framework using unsupervised Learning Algorithm” in International Journal of Applied Engineering Research, ISSN 0973-4562, volume 14, PP. 1010-1015 in UGC approved Journal.
- vii. Dr.B.V.Subba Rao published a paper entitled, “Significant Software Program Improvement through Software Management Process Workshops” in UGC Approved Journal International Journal of Research and Analytical Reviews (IJRAR) ISSN: 2348-1269, Volume-6, Issue-4, PP. 593-597, in December, 2019

## SEMINAR/CONFERENCE/WORKSHOPS ATTENDED BY STAFF

- i. Mr.G.Venugopal attended a three-day INFYTQ program organized by Infosys campus connect Team at Srinidhi Engineering college, Ibrahimpatnam, Hyderabad from 15.07.2019 to 17.07.2019.
- ii. Dr.J.RajendraPrasad, Dr.P.V.S.Lakshmi, Dr.Y.Suresh, Mrs.J.Sirisha, Mrs.Y.Padma, Mr.G.VenuGopal, Mr.M.Sundarababu, Dr.K.PavanKumar, Dr.S.SaiKumar, Ms.K.Sri Vijaya and Dr.R.Vijay Kumar Reddy attended an expert talk on “Developing Learning Outcomes” by Dr.N.Siva Prasad, Professor, Vice-chancellor GITAM University, Hyderabad on 24.10.2019 in the ground floor seminar hall (PVPSIT).
- iii. Dr.P.V.S.Lakshmi and Dr. A.Haritha attended a Two-day national seminar on “Space Technologies & Applications” on 6th and 7th November, 2019 at VRSEC.
- iv. Dr. J. Rajendra Prasad, Dr. P.V.S.Lakshmi, Dr. A.Haritha, Mr.P.Ravi Prakash, Mr.G.Venu Gopal and Mrs. D.Leela Dharani attended a One-day faculty development program on “Quality Assurance in Education” through the quality circles on 02.11.2019.

- v. Mr.Ch.Kanaka Raju, Ms.Y.Lakshmi, Mr.I.Yoganand and Mr.SK.Usman attended a Two-day workshop on “LABVIEW & DAQ” organized by the department of ECE, PVPSIT held on 15th and 16th November, 2019.
- vi. Dr.A.Haritha, Dr.D.Kavitha, Mrs.J.Sirisha, Mrs.G.Reshma, Dr.G.Lakshmi, Mrs.K.Swarupa Rani, Mrs. Y. Padma, Mrs. D.Leela Dharani and Dr.R.Vijaya Kumar Reddy participated in the AICTE sponsored Two week faculty Development program on “Machine Learning in Engineering Applications and Trends using Python and Tensor Flow” from 18th to 30th November, 2019 organized by department of computer science and Engineering at PVPSIT, Vijayawada.
- vii. Ms. K.Sri Vijaya attended a One-week ATAL FDP on 'Internet of Things (IOT)' at National Power Training Institute (NPTI), Alappuzha, Kerala from 16.12.2019 to 20.12.2019.

### FACULTY ACHIEVEMENTS

- i. Dr. A. Haritha received “Young Achiever Award 2019” from Institute of Scholars-accredited by UASL.
- ii. Mr. Ch.Kanaka Raju and Mr.Sk.Usman successfully completed the test conducted by training program on ‘Linux’ to Non-teaching staff organized by Spoken tutorials, IIT Bombay at PVPSIT.
- iii. Dr.P.V.S.Lakshmi was awarded with Vuttama Acharya by IT Companies association, Telangana and A.P, Lions Club international, Takshasila & Indian Servers on 02.10.2019 on the eve of 150th birthday of Mahatma Gandhi.
- iv. Ms.Y.Padma successfully completed NPTEL course on “Object Oriented Analysis and Design” with a score of 73%.
- v. Dr Y Suresh successfully completed NPTEL course on “Programming in JAVA” with a score of 85%.
- vi. Ms.G.Reshma successfully completed NPTEL course on “Python for Data Science” with a score of 51%

### FACULTY PARTICIPATION

- i. Mr.K.Prudvi Raju was invited as resource person for a one-day workshop on "Internet of Things" organized by department of IT, RVR&JC College of Engineering, Chowdavaram on 17- 7- 2019.
- ii. Dr. B.V.Subba Rao, HOD, delivered a keynote address as a Guest of honour in a one-day certification program on Agile Software Development held on 31-8-2019 at Institution of Engineers (IE), KL Rao Bhavan, Vijayawada
- iii. Dr.B.V.Subba Rao attended BOS meeting of Dept. of Computer Science, Andhra Loyola College, Vijayawada in the Dept of Computer Science on 30.12.2019
- iv. Dr.D.Kavitha acted as a reviewer for ICRCEETS-2019 which was conducted at Ramachandra College of Engineering, Eluru

## SPONSORED R&D AND CONSULTANCY ACTIVITIES

- i. Mr. S. SaiKumar was awarded Ph.D. degree on 22.08.2019 from Department of Computer Science & Engineering, Krishna University, MTM in the area of Mobile Computing.
- ii. Mr. R.Vijay Kumar Reddy was awarded Ph.D. degree from Department of Computer Science & Engineering from Acharya Nagarjuna University, Guntur in the area of Image Processing on 09.09.2019.
- iii. Mr. Y.Suresh was awarded Ph.D. degree from Acharya Nagarjuna University in the discipline of Computer Science & Engineering in September, 2019.
- iv. Dr.D Kavitha successfully completed UGC project in December, 2019.
- v. Mr.K.Pavan Kumar received Ph.D. Degree from Acharya Nagarjuna University, Guntur from the department of Computer Science and Engineering on 09.11.2019.
- vi. Mrs.G.Lakshmi received Ph.D. Degree from Acharya Nagarjuna University, Guntur from the Department of Computer Science and Engineering with the title “An Efficient Image Thresholding Based Segmentation Model for Shrimp White Spot detection” on 13.11.2019.
- vii. Dr.P.V.S.Lakshmi delivered a guest lecture on the ‘Importance of Innovation to the Society’ on the eve of birth Anniversary of Dr.APJ Abdhul Kalam, 15th October, 2019.
- viii. Ms.M.Sowjanya and Ms.K.SriVijaya were registered for Ph.D.at Visvevaraya Technological University, Belgaum.
- ix. Ms. T.Santhi Sri bearing the Regd. No: 12022P0518 was awarded Ph. D. under the guidance of Dr. J. Rajendra Prasad, Professor by JNTUK University.
- x. Dr.R.Vijay Kumar Reddy published a patent on “A seamlessly integrated Super Network of Blood Banks for easy and transparent Transactions” on 13.12.2019 from Intellectual property India with application number 201841021654.
- xi. Dr K.Pavan Kumar, Mr M.Sundarababu, T.D Ravi Kiran, Dr Y.Suresh published a patent on “Geographically based Public Problems And Response System” on 25.10.2019 from Intellectual property India with application number 2018110115552.
- xii. SAGTE sanctioned Rs.40, 000/- to Ms. M. Sowjanya and Ms. K. Sri Vijaya for Research project proposal entitled “Automatic Power Controller Based on the Room Temperature” on 30.12.2019.
- xiii. SAGTE sanctioned Rs.40, 000/- to Dr K.Pavan Kumar for research project proposal titled, “Face recognition and Analysis Using Singular Value Diagonalization and band Reduction Techniques” on 30.12.2019.
- xiv. SAGTE sanctioned Rs.40, 000/- to Dr D.Kavitha, Dr G.Lakshmi for research project proposal titled, “IOT Based Fire Accident detection System” on 30.12.2019
- xv. SAGTE sanctioned Rs.40, 000/- to Dr. S.Sai Kumar, for research project proposal titled, “Number Plate Recognition System using Open CV” on 30.12.2019.

## STUDENT ACHIEVEMENTS

- i. A Dayana Chowdary won III prize in the event Drawing & Painting/Essay Writing Competition conducted by Gora Science Centre, Vijayawada on the eve of Anti Superstition Program on 26.07.2019.

- ii. S Anusha won III prize in the event Drawing & Painting/Essay Writing Competition conducted by Gora Science Centre, Vijayawada on the eve of International Ozone Day on 16.09.2019.
- iii. Vishal Mithra won II prize in the event Drawing & Painting/Essay Writing Competition conducted by Gora Science Centre, Vijayawada on the eve of Anti Superstition Program on 26.07.2019.
- iv. K Vinay, A Dayana won III prize in the event Technical Quiz, Project Expo, Paper Presentation conducted by Andhra Loyola Inst. Engg. &Tech., Vijayawada on EPISTEMICON-2K19 on 17.09.2019.
- v. R Vardhini won I prize in the event JAM conducted by PVPSIT., Vijayawada on 06.08.2019.
- vi. Ch Vishal Mithra won I prize in the event Technical Quiz conducted by VRSEC, Vijayawada on AFOSEC-2019 in the year 2019.
- vii. K Vinay, A Dayana won I prize in the event Project Your Ideas conducted by ISTE Student Chapter, PVPSIT, Vijayawada on the eve of Engineers day on 16.09.2019.
- viii. K Vinay won III prize in the event Project Expo conducted by Andhra Loyola Inst. Engg. &Tech., Vijayawada on The national symposium, Epistemicon-2K19 on 17.09.2019.
- ix. V Poojitha Sarada Bhavani, P L Ashika won I prize in the event Paper Presentation conducted by Andhra PB Siddhartha college of Arts & Science, Vijayawada on BLITZKRIEG-2019 on 17.09.2019.
- x. V Poojitha Sarada Bhavani, P L Ashika won II prize in the event Coding & Decoding conducted by Andhra PB Siddhartha college of Arts & Science, Vijayawada on BLITZKRIEG-2019 on 17.09.2019.
- xi. Five students of III B.Tech. participated in adobe Photoshop course form 19.08.2019 to 24.08.2019 conducted by student council, PVPSIT.
- xii. 107 students of II and III B.Tech participated and 84 students were certified in “Python Programming” conducted by Spoken tutorial examination by IIT Bombay held at PVPSIT on 29/08/2019.
- xiii. 105 students of II, III and IV B.Tech participated and 96 students were certified in “CPP” conducted by Spoken tutorial examination by IIT Bombay held at PVPSIT on 28/08/2019.
- xiv. 107 students from II, III and IV B.Tech. participated and 87 students were certified in “C” conducted by Spoken tutorial examination by IIT Bombay held at PVPSIT on 28/08/2019

### **STUDENT HIGHER STUDIES**

Twelve students qualified in IELTS and eight students qualified in GRE exam in July-December 2019 period.

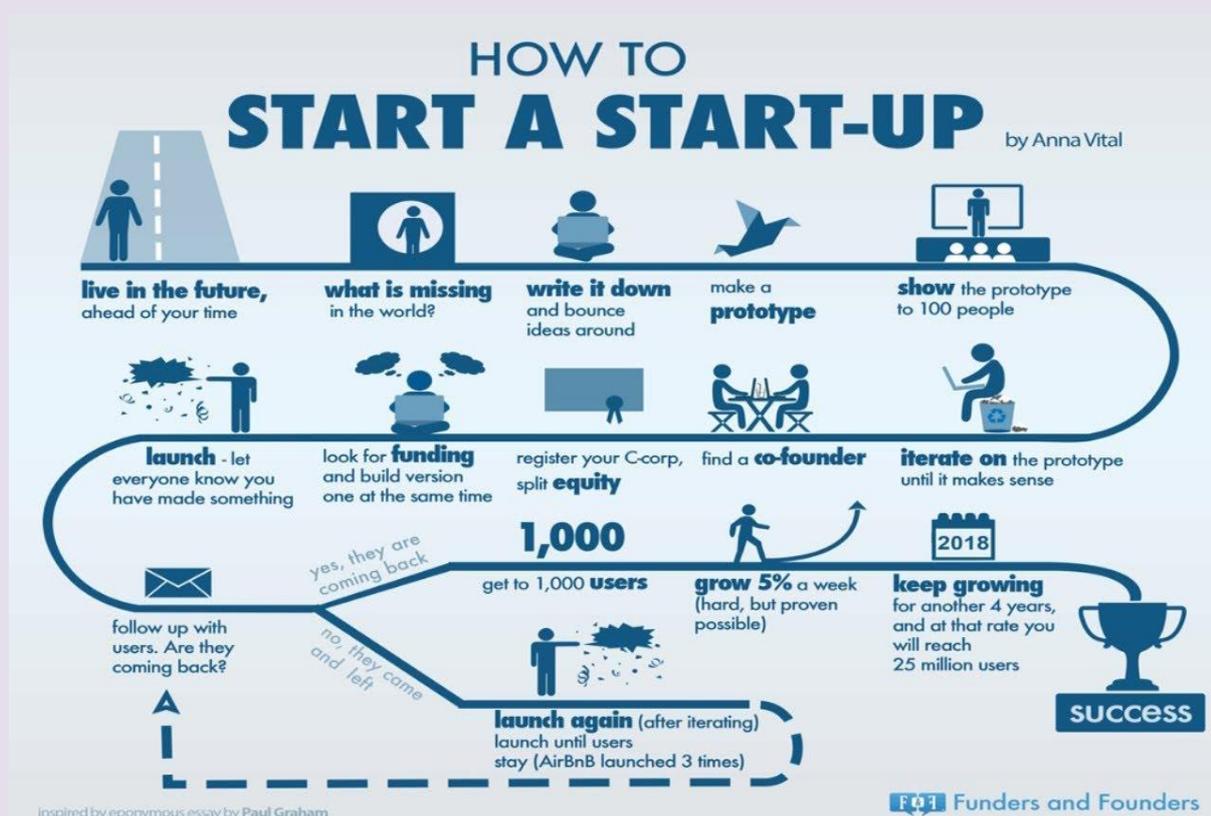
## STUDENT INTERNSHIPS & PLACEMENTS

20 students from II, III and IVB.Tech completed their internship at various organizations in July-December 2019 period.

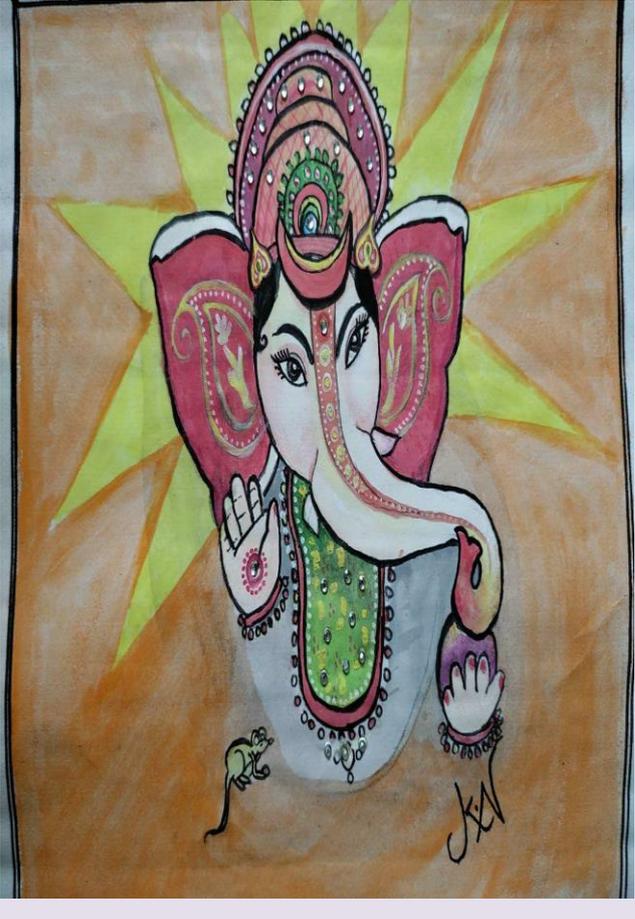
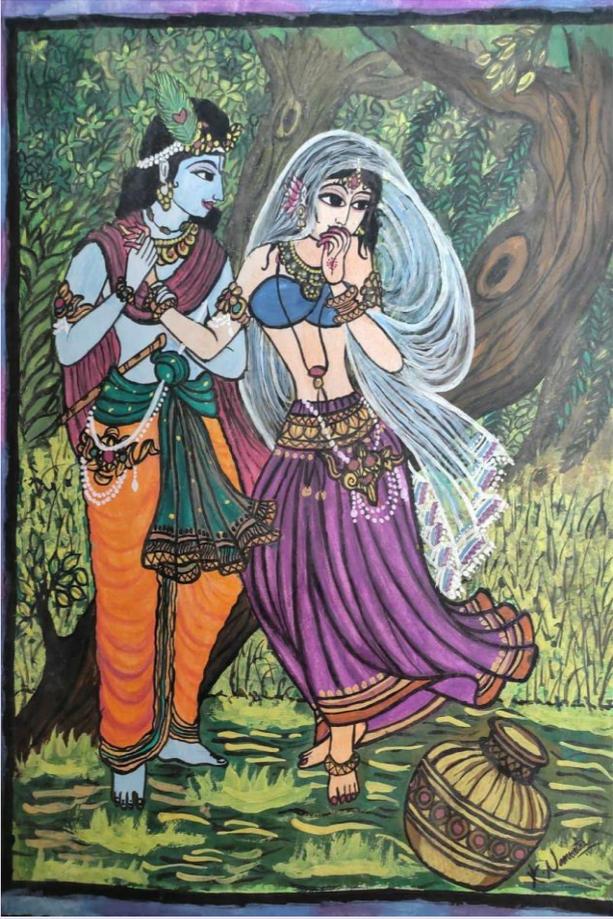
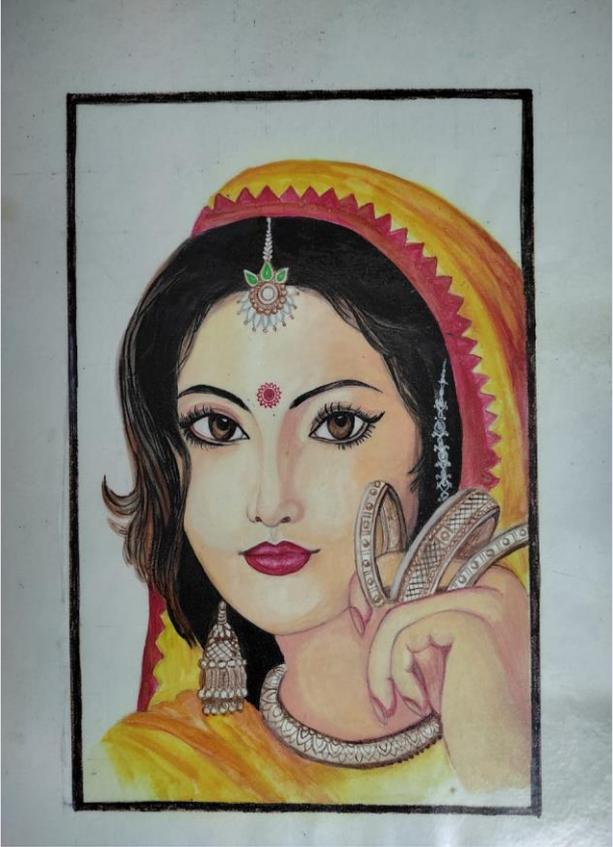
Students of IV year got 79 placements in July-December 2019 period. Details are presented below.

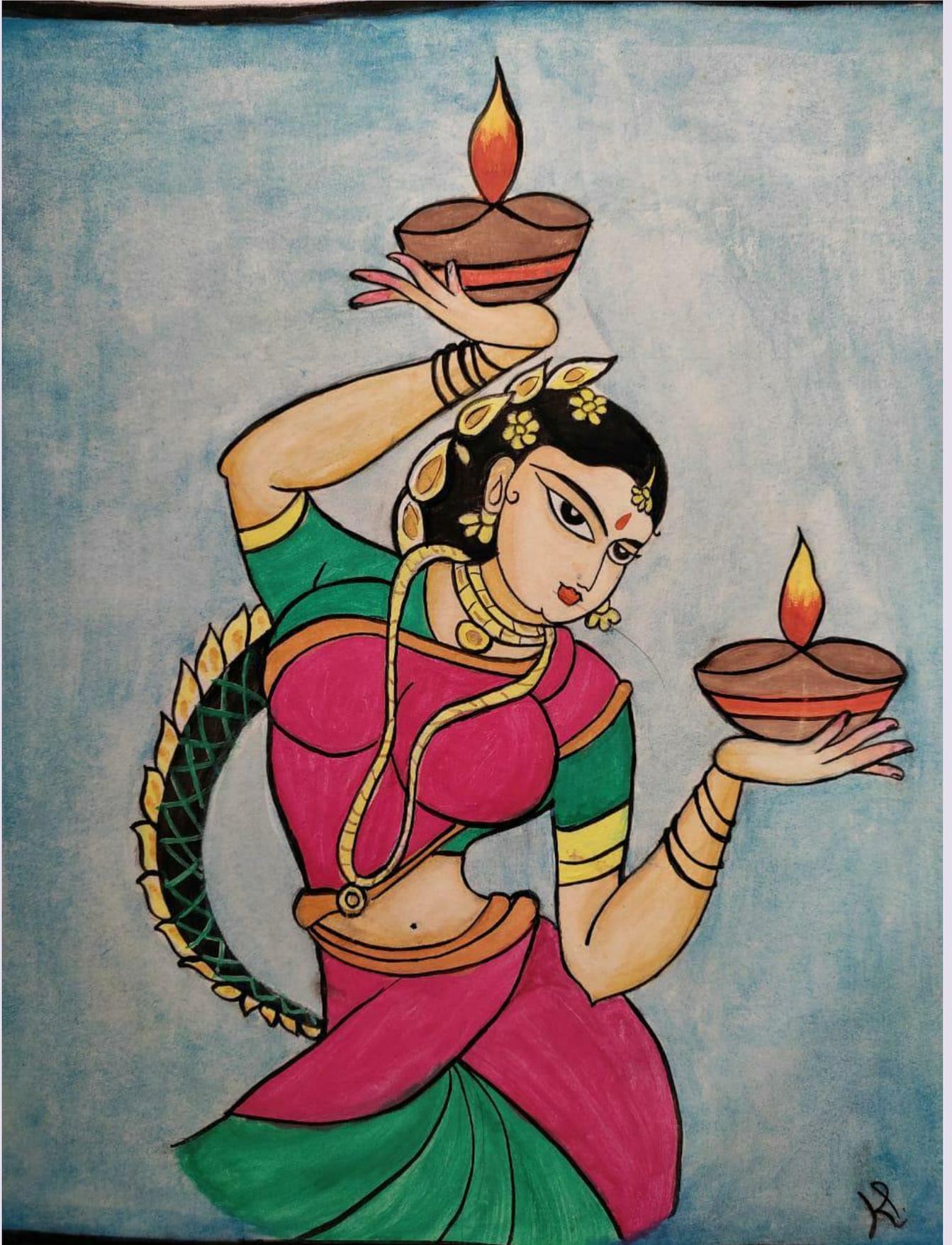
- ❖ 6 students got placement in WIPRO
- ❖ 2 students got placement in VALUELABS
- ❖ 3 students placed in EPAM
- ❖ 14 students placed in CAPGEMINI
- ❖ 9 students got placement in UNITED HEALTH
- ❖ 32 students got placement in TCS
- ❖ 7 students got placement in MPHASIS
- ❖ 2 students got placement in HEXAWARE
- ❖ 1 student got placement in ZOHO
- ❖ 2 students got placement in MAQ
- ❖ 1 student got placement in ZenQ
- ❖ 6 students got placement in WIPRO

## STUDENTS CONTRIBUTION



INDIAN TRADITION





17501A1262, K.Namratha

## OTHERS

- i. A Total of 82 III B.Tech IT students went to industrial tour from 11.12.2019 to 16.12.2019 accompanied G.Venugopal, M.Sundarababu, M.Soujnaya, and Y.Lakshmi.
- ii. The Department of IT conducted DAB meeting to review the PAC minutes and collected suggestions from parents, students (stakeholders) and also discussed the attainments of COs, POs, PSOs for the academic year 2018-19 on 22/08/2019.
- iii. The Department of IT organized co-circular events like "Techjam" and "Tech Quiz" on the eve of Engineers' day celebrations held on 16.09.2019 in association with INTAEL.
- iv. The Department of IT organized co-circular events like "Code Debugging" and "Fire and Ice" on the eve of engineers day celebrations held on 16.09.2019 in association with CSI student chapter.
- v. The Department of IT conducted "Code Marathon" and "Project Your Idea" on the Eve of Engineers day Celebrations in Association with ISTE Chapter on 16.9.2019.
- vi. PVPSIT Alumni meet was held on 21-12-2019 in which 14 Alumni students of IT department participated.
- vii. Ms.J.Sirisha presented a Road Show of InfyTQ Web App to the students of IT, CSE, ECE, EEE, & Mechanical Branches for creating awareness on "InfyTQ" on 30.12.2019 and 31.12.2019.
- viii. The Department of IT conducted BOS meeting on 21-12-2019, Professors from IIT Madras and NIT Warangal attended the meeting.
- ix. 3 faculty members and 19 students were certified in various NPTEL courses during July to December, 2019 phase.



Guest lecture on "Higher studies in USA" to III& IV B.Tech IT Students on 1-7-2019.



Seminar on "Awareness on GATE exam and its Opportunities" in association with CSI Chapter to III and IV B.Tech Students on 11-7-2019



Three day workshop on PYTHON in association with APSSDC to III B.Tech students during 7-08-2019 to 9-8-2019 .



Dr B V Subba Rao delivered keynote address as a Guest of honour at One day certification program on Agile Software Development held on 31-8-2019 at Institution of Engineers(IE), KL Rao Bhavan, Vijayawada.



Congratulations: Department of IT of PVPSIT congratulating second B Tech IT students P.L. Aashika and V.PoojithaSarada got first prize in paper presentation contest at BLITZKRIEG-2019, a state level techno cultural meet conducted at PB Siddhartha college of arts and science, Vijayawada on 17-09-2019.



### 🌸 Congratulations 🌸

Department of IT of PVPSIT congratulating Dr P V S Lakshmi, Professor in IT received a national level uttamaacharya award on 2-10-2019 sponsored by IT companies association ,AP, Telangana, Indian Servers, Lions club international, Thakshasila and Impact foundation.



Seminar on “Emerging Technologies & Future plans after Graduation” to all II B Tech IT students on 30-12-2019. Resource Person is Mr. Sudhakar Lingamneni, Finance Risk Manager, Vice President, Citi Bank ,Singapore.



Total of 82 III B.Tech IT students went to industrial tour from 11.12.2019 to 16.12.2019. Faculty G.Venugopal .M.Sundarababu,M.Soujnaya,Y.Lakshmi.accompanied the tour.