

REPORT: 2017-18
School of Engineering & Technology
Sri Padmavati Mahila Visvavidyalayam
(Women's University)
Tirupati-517502

I. Infrastructure:

- Technology Business Incubator (TBI) has been established with an estimation of 5 crores in the premises of School of Engineering and Technology. It has an essential laboratories of Robotics , IoT and advanced materials to encourage and help the students to convert their ideas into start-ups. It supports the start-ups by providing them with required space, services and knowledge.
- All Laboratories are well established.

II. CBCS has been introduced to I and II year B.Tech & M. Tech Programs for the academic year 2017-118.

III. Introduction to Music: Classical Music , Bharatanatyam and Kuchipudi has been introduced into B. Tech curriculum and a total of 90 students have joined the course.

IV. Library Books:

The Central library has been established with state-of-the-art infrastructure to the International Standards, spread over Ground + one floor with built-in area. Reference and textbooks of national and international authors, International and national Journals & Non-book materials are available to cater to various fields of Basic Sciences, Engineering and Technology, Humanities and Social Sciences. The Central Library subscribes to National & International Print Journals and to more than 2929 e-Journals. Within Central Library, a Digital library is also provided for classroom teaching through NPTEL video courses in the different fields of education.

V. Faculty Strength: 93 faculty were recruited with one faculty for every 15 students ratio.

VI. Student Admission details:

- 120 students admitted in Dept of CSE
- 120 students admitted in Dept of ECE
- 58 students admitted in Dept of EEE
- 59 students admitted in Dept of ME

VII. Foreign Collaboration: 5 students of CSE are admitted in to the B.tech programme being conducted with an MoU with Blekinge University, Sweden

VIII. Ph.D Admissions: 4 International students were admitted into Ph. D. Programme in Dept. Of CSE.

IX. Student Results(Pass Percentage):

- **CSE:** I Year-87.80%; II Year-74.19%; III Year-94.95%; IV Year-95.96%
- **ECE:** I Year-85.00%; II Year-82.57%; III Year-92.00%; IV Year-96.96%
- **EEE:** I Year-67.24%; II Year-68.18%; III Year-81.25%; IV Year-95.96%
- **ME:** I Year-74.54%; II Year-34.21%; III Year-81.13%; IV Year-96.55%

X. Student Placement Details:

Company Name	CSE	ECE	EEE	ME	Total
TCS	5	8	1	1	15
ORANGE	-	4	-	-	04
IBM	7	-	-	-	07
HINDUJA GLOBAL SOLUTIONS	42	5	4	4	55
INFOSYS	-	-	1	-	1
SUNRISE BIZTECH SYSTEM PVT LTD.	1	2	-	1	04
Total	55	19	06	06	86

XI. Training Programmes for Placements: As a part of placement training for all departments students 2 programs were conducted i.e., Aptitude training by Career Launcher and Mission Ignite .

XII. British Council: A total of 260 students of III B. Tech of all branches registered for Andhra Pradesh Higher Education English Communication Skills Project(In Collaboration with British Council Projects) starting from October 2017 and will be continued till the end of March 2018. As a part of this program ‘Learn English SELECT’ is introduced with 100 hours of face to face training and 50 hours of online training.

XIII. Student achievements:

(a) Two students had selected for university Innovation Fellows, Stanford University Program. The university innovation fellows program empowers students to become agents of change, leading a moment to ensure that students gain the necessary attitudes, skills and knowledge required to compete in the economy of the future.

(b) Hackathon

➤ The Final year ECE Department students (G. Supriya, V. Vedhika, V. Roshini, P. Pavani, S. Sivasai Mounika) are participated, and got first prize which is received from our Honourable Chief minister at “HACKTHON 2K17” conducted by Berkely University Eminent at KLU University, Vijayawada on 27th September and 28th September, 2018.

(a) Anveshana (Hackathon)

➤ The Final year students of ME (K. Surekha, P. Niharika) are participated and won 5th Prize in Anveshana that was conducted by “Aghastya Foundation” at Hyderabad from 30th January to 31st January, 2018.

(b) Other activities

➤ Ms. P. Harika from III B. Tech CSE Department was selected as the EARTH AMBASSADOR for carrying Green Revolution Activities in the environment that was accompanied by NASA.

➤ P. Meghamala from III B. Tech CSE Department got GOLD MEDAL in Green Revolution Activities that was accompanied by NASA.

➤ Ms. G. Maneesha Reddy of CSE Department was selected as the DSC Lead (Developer Student Club Lead) and was given an opportunity for attending the DSC Summit 2018 that was hosted by Google in Goa from 22nd February to 25th February, 2018.

- A one day Techfest has Conducted by School of Engineering and Technology on 9th January 2018. Three Innovative Ideas got selected to present their Ideas in Amaravathi, Vijayawada. The students are K.L.Jayanthi, E.B.Sravya, D.R.Madhurima, C.Bavya, D.Leelavathi, K.Mounika, Ch.Mamatha.

(d) Games/Sports events

- Nearly 10 students were selected for National Ball Badminton that was held from 2nd February to 5th February, 2018 in Kuppam.

XIV. APSSDC conducted/ Skill development Training Programs:

- Recently with our VC's efforts, CM's Skill Excellence centre sanctioned by APSSDC, to our University. As a part of this TWO labs with HIGH END Configuration Laptops are being established.
- The following Skill development Training Programs are conducted. i.e., Google Android Developer Fundamentals, Mobile Developer Fest, MIT app Inventor, AWS Educate Account online course, Algorithm Design Techniques, Advanced Auto CAD, Industrial Automation with PLC/SCADA, Internet Of Things with Python, Web Application Development using Python etc.,
- Till date a total of 2,189 students have registered and trained under APSSDC Skill Improvement Programmes (SIP) and 117 faculty members have registered for various FDPs.
- **Siemens centre of Excellence training at SV University:** Training is Conducting for the Students of SPMVV, B.Tech III Year of all Branches from 5th February 2018 to till date.

XV. MOOCS Courses (NPTEL Registrations):

- A total number of 224 students from CSE, ECE and EEE registered for NPTEL/MOODLE/SWAYAM courses.

XVI. Industrial Visits:

- Third year Students of Dept. Of ECE were taken to an Industrial visit to SHAR on 18th Sep.2017
- Final year Students of Dept. Of ECE were taken to an Industrial visit to NARL on 8th sep. 2017
- Final Year Students of Dept of ME were taken to Amararaja Batteries to gain real time experience on 6th sep. 2017

XVII. Invited Talks:

- Engineer's Day has been celebrated by School of Engineering & Technology in collaboration with Institute of Engineers, Tirupati chapter in which 20 eminent engineers from various government and private organizations have been honoured. An invited talk on 'Role of engineers in developing India' has been delivered by Prof. M. Ramasubba Reddy, Dept. of Applied Mechanics IIT Madras, Chennai on the same day.

XVIII. VIRINCHI: A National Techfest "VIRINCHI " were held on every year to encourage the students technical knowledge and cultural.

- Paper presentation on various areas,Poster presentation,technical quiz,word puzzle these are held for all departments.
- Coding blite and bug-o-mania,google it which are held in the Department of CSE.
- Circuit forming,smart technical idea which are held in the Department of ECE.
- Modification of Components,Word forming which are held in the Department of EEE.
- Working models,Technical JAM which are held in the Department of ME.