



# SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUOTONOMOUS)

Sree Sainath Nagar, Tirupati – 517 102

## CM's SKILL EXCELLENCE CENTRE

### COMPUTING LAB

In order to scale up and increase the number of skilled candidates in Engineering Colleges and increase the placements, APSSDC has setup two labs namely Computing lab and Design, Automation, and Simulation labs with Augmented Reality/ Virtual Reality (AR/VR) under CMSEC to impart skills to the candidates in the college and other candidates selected by APSSDC and improving the placements opportunity.

The Computing lab is established in order to improve the skilled man power on cutting edge technologies through the Knowledge partners such as Google, Amazon, Microsoft and offer certification courses from Google, Udacity, Courseera etc.

The Government of Andhra Pradesh and Andhra Pradesh State Skill Development Corporation (APSSDC) jointly established "CM Skill Excellence Centre" at Sree Vidyanikethan Engineering College, Tirupati.

APSSDC has sanctioned the Computing lab under CM's Skill Excellence Center and granted 37 laptops with high end configuration worth of Rs.14, 21, 096/- (Rs. Fourteen Lakhs Twenty one Thousands and Ninety Six Rupees) during March 2018.

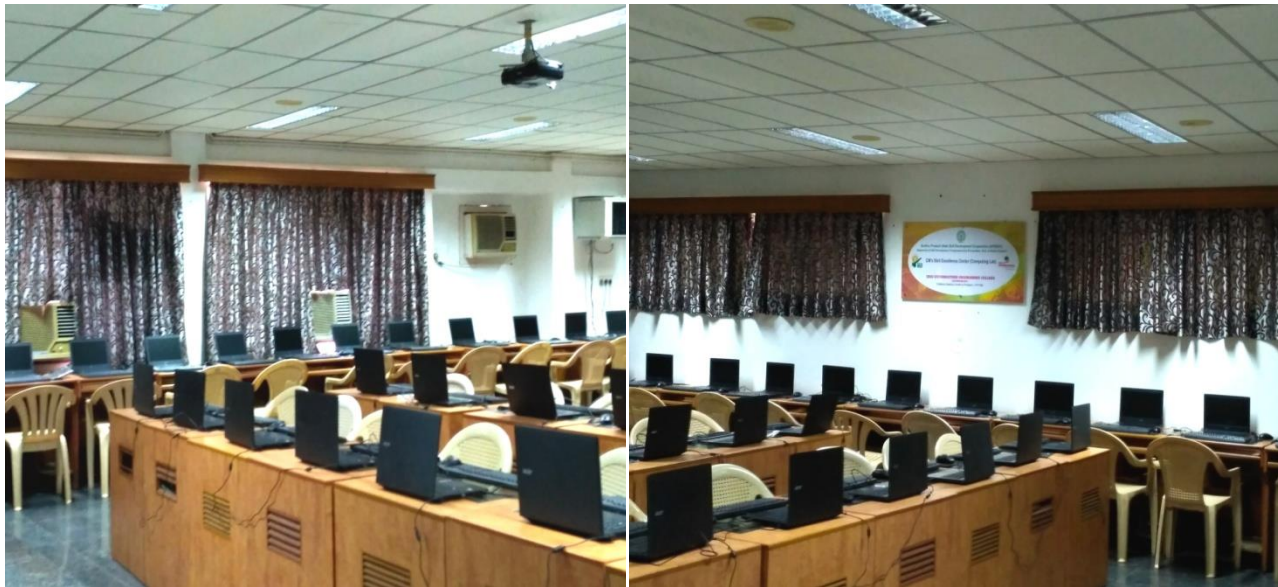


Figure 1 : CM's Skill Excellence Center Computing lab

The technical specifications of the laptops in the computing lab are as follows

Laptop Make and Model	Acer TMP 249-G2-M
Processor	Intel Core i5-7200U Processor @ 2.5 GHz (Turbo boost up to 3.1 GHz.), 3 MB Cache, 2-cores
Memory	16 GB DDR4 Memory, 2133 MHz.
Internal Storage	500 GB SATA
Wireless Connectivity	Integrated wireless and Integrated Bluetooth
Display size	14"
Display resolution	1366 X 768
Webcam	Built in Webcam
Battery	5 Hrs Backup
VGA port	Yes
HDMI port	Yes
USB 2.0 port	1
USB 3.0 port	2
Operating System	BOSS Linux/Windows 10

### EVENTS CONDUCTED

S. NO.	Workshop/FDP	Duration	Participants
<b>2014-15</b>			
1	APSSDC Project Skill Training Program for IV B. Tech II Semester Students (Web and Mobile Application Development)	9 <sup>th</sup> February 2015 to 8 <sup>th</sup> April 2015	31 Students IV B. Tech(CSE-26, IT-4& CSSE-3)
2	APSSDC Mini Projects Training Program for IV B. Tech I Semester Students (Mobile Application Development)	15 <sup>th</sup> June 2015 to 27 <sup>th</sup> June 2015	55 Students IV B. Tech(IT-50& CSSE-5)
<b>2015-16</b>			
3	APSSDC Faculty Development Program (Advanced Web Programming and PHP)	14th October 2015 to 5th December 2015	16 Faculty (CSE - 5, IT - 6& CSSE - 5) and 10 APSSDC Trainers
5	APSSDC mini project training program(Mobile APP Development)	6 <sup>th</sup> June 2016 to 25 <sup>th</sup> June 2016	60 Students IV B. Tech(IT - 46, CSE - 11, CSSE - 3)
<b>2016-17</b>			
7	Android Developer Fundamentals	15 <sup>th</sup> Sept to 8 <sup>th</sup> Dec 2016	68 Students III B. Tech (CSSE-17, CSE-39, IT-12)
8	Computational Thinking & Problem Solving Skills	24 <sup>th</sup> Oct to 19 <sup>th</sup> Nov 2016	26 Students I B. Tech ( EEE-7, Mech-4, ECE-7, CSE-1, EIE-1, IT-3, CSSE-

			3)
10	Financial Literacy Program (FLP) at NaravariPalli, KandulaVariPalli, A. Rangampet, and Narasingapuram	9 <sup>th</sup> January to 11 <sup>th</sup> January 2017	44 Students III B. Tech (IT-7, CSSE-9, CSE-28), 7 Faculty (IT-3, CSE-3, CSSE-1), 5 APSSDC mentors, 3 Paytm staff
<b>2017-18</b>			
11.	Python Programming Phase-I (Basic Python)	27 <sup>th</sup> March 2018 to 29 <sup>th</sup> March 2018	92 Students III B. Tech (IT-92)
12.	Python Programming Phase-II (Advanced Python)	09 <sup>th</sup> April to 11 <sup>th</sup> April 2018	92 Students III B. Tech (IT- 92)
13.	An Introduction to Internet of Things (IOT) Certification Program in association with Corsera, University of California, Irvine and APSSDC	6 <sup>th</sup> June 2018 to 23 <sup>rd</sup> June 2018	85 Students III B. Tech and IV B. Tech (ECE-26, EEE-38, EIE-2, IT-15, CSE-4)
<b>2018-19</b>			
14.	<b>Summer Internship:</b> Indian Game Development Challenge 2018 in association with KAMK- University of Applied Sciences, Finland (Venue: SRM University, Amravati)	4 <sup>th</sup> June 2018 to 3 <sup>rd</sup> August 2018	9 Students III B. Tech ( CSSE-2, IT-7)
15.	IoT Certification	6 <sup>th</sup> June 2018 to 23 <sup>rd</sup> June 2018	85 Students B. Tech (ECE, EEE, EIE, CSE, & IT)
16.	Python Programming Phase-I (Basic Python)	30 <sup>th</sup> July 2018 to 1 <sup>st</sup> Aug 2018	51 Students III B. Tech (IT - 51)
17.	Python Programming Phase-II (Advanced Python)	2 <sup>nd</sup> Aug 2018 to 4 <sup>th</sup> Aug 2018	51 Students III B. Tech (IT - 51)
18.	Introduction to Game Development in association with KAMK- University of Applied Sciences, Finland	30 <sup>th</sup> August 2018 to 30 <sup>th</sup> Sept 2018	66 Students II B. Tech (CSE-16, CSSE-25, IT-13), III B. Tech (CSE-07, CSSE-16), IV B. Tech (EEE-3)
19.	APSSDC Faculty Development Program (Amazon Web services)	10 <sup>th</sup> December 2018 to 13 <sup>th</sup> December	40 Faculty (CSE - 11, IT - 17, CSSE - 9, EEE-1, MCA-1 and External-1)
20.	Amazon Web Services	28 <sup>th</sup> January 2019 to 2 <sup>nd</sup> February 2019	127 Students III B. Tech IT and MCA
<b>2019-20</b>			
21.	Amazon Alexa	22 <sup>nd</sup> July 2019 to 27 <sup>th</sup> July 2019	108 Students III B. Tech IT (108)

22.	Machine Learning Using Python Programming(FDP)	11 <sup>th</sup> November 2019 to 16 <sup>th</sup> November 2019	45 Faculty IT(20),CSE(08),CSSE(06), MCA(3), MECH(01), BS&H(01),EEE(4) S.VEngineeringCollege(02)
23.	Internet of Things Fundamentals	11 <sup>th</sup> March 2020 to 13 <sup>th</sup> March 2020	61 Students III B.Tech IT 61
24.	Internet of Things Fundamentals	14 <sup>th</sup> March 2020 to 16 <sup>th</sup> March 2020	102 Students II B.Tech IT(102)