



SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet – 517102

Innovation Cell/Institute Innovation Council (IIC)

Under MHRD's Innovation Cell (MIC), Govt. of India

List of Activities

Sl. No	Name of the Event	Organized by	Speaker/Resource Person/Judge	Date	Remarks	Number of Beneficiaries
2019-20						
1.	Gamification with AR & VR Unity 3D Engine using C#	APSSDC, SVEC	Dr. P Bhanu Prasad , Researcher and Advisor, SVEC Dr. N Padmaja IIC Coordinator B. Satish Kumar IIC Student coordinator	8 June 2020	Introduction to AR/VR technology and applications. Demonstration of AR/VR projects and Virtual Labs of SVEC	Faculty:21 Students:523
2.	One Week Faculty Development Program on Research & Innovation	SVEC	Domain experts from IITs and well reputed Institution	09-13 March 2020	Gain Knowledge on Research Problem formulation, Data Collection and Analysis Methods. Understand the process of Technical Paper and Research Proposal Writing. Get Awareness on Research funding opportunities. Gain awareness on IPRs and Patent filing, Publication and Examination	Faculty:66
3.	SMART India Hackathon 2020	MHRD Innovation cell & SVEC	SIH Internal Scrutiny team	22 Jan 2020	Organized Internal Hackathon for SIH 2020	Faculty:06 Students:81
4.	A One Week Faculty Development Program on "Design Thinking"	SVEC, Sponsored by JNTUA, under The Directorate of Faculty Development & IQAC	Dr. Balachandar Ramadurai, Professor NPTEL, Co-Founder TRIZ Innovation India, Adjunct Professor at Symbiosis Institute of Business Management, Pune Dr. Shankar Venugopal, Vice President Mahindra & Mahindra, Head of Technology	20-25 Jan 2020	To enhance knowledge and capabilities among the participants in design thinking and make use of design thinking process as a tool to create innovative products.	Faculty:42

			<p>Innovation Dr. Srinivasan Narayanan, Assistant Professor Department of Manufacturing Engg, School of Mechanical Engg, VIT University, Vellore Dr. S. RenoldElsen, Associate Professor, Department of Design and Automation, School of Mechanical Engg, VIT University, Vellore, Mr.Vineesh U Sathianathan, Program Manager and Delivery Manager, Wipro Limited, Mysore Dr.Noor Mohammad SK ,Assistant Professor Indian Institute of Information Tech, Design and Manufacturing (IIITDM) Kancheepuram, Chennai Dr.P.Chenna Reddy, Professor of CSE, JNTUA</p>			
5.	Innovation Cell meetings and Progress of AR/VR Projects	IIC, SVEC	<p>Dr. P Bhanu Prasad , Researcher and Advisor, SVEC Dr. N Padmaja IIC Coordinator</p>	<p>23-01-2020 28-01-2020 04-02-2020 26-02-2020 05-03-2020 11-03-2020 17-03-2020</p>	<p>Discussion on progress of AR/VR innovative projects and interaction, clarification of doubts etc. Purchase of Oculus VR Kit, Common Web space for uploading the project related information for collective access. Acquired knowledge on VR based tools and kits necessary for building various models.</p>	<p>Faculty:23 Students: 56</p>
6.	Skill Development Program on Augmented Reality/ Virtual Reality	MECH, SVEC	<p>APSSDC Experts Amaravathi AP</p>	<p>06-10 Jan 2020</p>	<p>Impart training skills in Augmented Reality/ Virtual Reality.</p>	<p>Faculty:25 Students: 224</p>
7.	Entrepreneur Development Awareness Camp- Invited Talks	EDC, SVEC	<p>Mr. T. Akhil Customer Quality Engineer Brose, France</p>	<p>02-05 Jan 2020</p>	<p>Entrepreneur Development Awareness Camp- Invited Talk on enabling future mobility, transformation of automotive industry, explore technological contributions, innovative ideas that make vehicles comfortable, safer and efficient.</p>	<p>Faculty:25 Students: 73</p>
		EDC, SVEC	<p>Ms. Alison C Learning & Digital Project</p>		<p>Entrepreneur Development Awareness Camp- Invited Talk on Innovative way</p>	

			Manager, CHANEL, France		of learning and development of a mobile learning App for CHANEL: French luxury brand, France	
8.	Invited Talk on "Inspiring Technology"	ECE, SVEC	Dr. P. Bhanu Prasad, Researcher and Advisor, Director (R&D), Kelenn Technology France	12 Dec 2019	Invited Talk "Inspiring Technology" for ICMNSM 2019, International Conference organized by Dept. of Dept., Sree Vidyanikethan Engineering College, Tirupati	Faculty:32 Students: 120
9.	Visit by Experts from France for Innovations (Interaction and exchange of Ideas).	MECH, SVEC	Mr.Tournier Claude & Mr.Olivier Lepine Mechanical, Electrical and Electronics expertS Thales, France	12 Dec 2019	Mechanical, Electrical & Electronics Experts, Mr. Tournier Claude, & Mr. Olivier Lepine from France visited Sree Vidyanikethan Engineering College to assist developing virtual reality in repairing, maintaining, designing, assembling and disassembling automotive parts by using the components available in the lab.	Faculty:11 Students: 22
10.	Hands-on Training on "Product Design using Virtual Reality and Augmented Reality"	ECE, SVEC	Dr. P. Bhanu Prasad, Researcher and Advisor, Director (R&D), Kelenn Technology France	28 Nov 2019	Product design using Unity software and develop virtual reality in repairing, maintaining, designing, assembling and disassembling on automotive parts	Faculty:46
11.	Distinguished Lecture on "Innovation in Academic Institutions – a need for Multi Disciplinary Research Approach	SVEC	Prof. V. Ramgopal Rao, Director, IIT, Delhi	15 Nov 2019	Prof. V. Ramgopal Rao enlightened a need for multidisciplinary research approach; worldwide India rank in research; how to convert idea/technology into wealth; Nano Material characteristics and properties for new applications; Idea Factory; by inculcating research atmosphere in the Institution assigned within the time limit.	Faculty:250
12.	Seminar cum Workshop On " Waste to Wealth"	SVEC & SVCP	Mr S Prashanth, Innovator and Entrepreneur, SP Grace Natural, Erode, Tamil Nadu Prof. C. Shoba Bindu, Director, SDIC, JNTUA Mr. M. Satish Kumar, CEO, Atal Incubation Centre, Sri Krishnadevaraya University, Anantapur	14 Nov 2019	The faculty and students were made aware of the consequence of dumping waste agricultural crops and stubble burning in India and also how efficient handling of waste is an important factor in the developmental progress of any nation. The students were given live demonstration of making of useful products from Banana waste by Mr S Prashanth, Innovator and Entrepreneur, SP Grace Natural, Erode, Tamil Nadu. He exhibited around 20 products that were made from banana	Faculty:31 Students: 187

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13.	Innovation Day Celebrations	SVEI	Ms Geetha Sree General Manager, Capacity Building and Campus Interface, AP Innovative Society	5 Oct 2019	Innovation Day was celebrated in memory of Dr. A. P. J. Abdul Kalam's Birth Anniversary. The main motto is to explore advanced ideas in Social Innovation and Entrepreneurship Awareness and to promote students as Entrepreneur, provide a platform for exhibiting their innovative models.	Faculty:82 Students:721
14.	AP statelevel ISTE StudentConvention on Current and Emerging Technologies	SVEC & ISTE	Dr. K. N. Ganesh Director, Indian Institute of Science Education & Research (IISER), Tirupati, Prof. K. Lal Kishore Chairman, AP State ISTE; Former VC, JNTUA, Dr. B. Eswara Reddy, Secretary-cum-Treasurer, AP State ISTE; Director, SDC, JNTUA, Prof. L. Venugopal Reddy, Advisor cum Director SVET.	12 Oct 2019	The ISTE student AP State Level Convention is conceptualized to provide high standards in technical education platform for demonstrating innovation, invention of inquisitive learners and there by empowering the sustainable growth of nation at large. ISTE Student' Chapter in SVEC has been successfully conducting various events and the main objective of this is to give exposure to students regarding team work, make them aware of the needs of global industry and prepare them to face the challenges ahead.	Faculty:36 Students:101
15.	Teacher Development Program on "Teaching for Product Innovation".	SVEC	Prof. Daniel McQuade Columbia Business School, President of McQuade Marketing	16-17 Sept 2019	Prof. Daniel McQuade discussed about Start up culture in India, China and U.S.A, issues related to global impact and local focus and how startup skills and technology absorption will affect the Global Entrepreneurship Index. The participants of the program gained knowledge on design thinking, idea conceptualization, Lean product development, and Product team management. The sessions are concluded with a statement "It's not the strongest species that survive, nor the most intelligent, but the ones most responsive to change".	Faculty:21 Students: 02
16.	India Google Developer Student (DSC) Summit 2019- Live	GOOGLE (LIVE WEBINAR)	Erica Hanson, Developer Relations Program Manager Google Mr. Saurabh	24-25 Aug 2019	Erica Hanson, Developer Relations Program Manager at Google (Global Lead for Developer Student Clubs Program) explained about the Introduction and Updates about the	Faculty:04 Students: 39

			Web Development Department Google Ms. Nikita Gandhi Data Science Department Google		DSC over world. Exploring Machine Learning by Nikita Gandhi and Mr. Saurabh about Web Development Department. <i>Mr. Y. Vamsi Krishna, IV B.Tech Student, Dept.of IT, has been selected as Head, Google Developer Student (DSC) Club, SVEC and has been sponsored by Google, DSC Program for attending DSC India Community Summit 2019 at GOA during 23- 25 Aug 2019.</i>	
17.	India First Leadership Talk Series	SVEC & MHRD	Hon'ble HRD Minister Shri Ramesh Pokhriyal 'Nishank'	22 Aug 2019	To provide a vision, motivation and to achieve anything and everything for students in the future and make our nation proud, to understand the importance of leadership skills and to imbibe the knowledge how the education system will be used to become more and more entrepreneurs	Faculty:185 Students: 819
18.	Innovation on Wheels: A road show by Festo Mobile Expotainer (Volvo)	SVEC MECH ENGG DEPT & APSSDC	Engineers from FestoMobile Expotainer (Volvo)	21 Aug 2019	To create awareness on the latest innovations among students and faculties and as a part of bringing students closer to industry the Department of Mechanical Engineering of Sree Vidyanikethan Engineering College and Andhra Pradesh State Skill Development Corporation (APSSDC) facilitated a road show in collaboration with FestoMobile Expotainer (Volvo) to explore the innovations & Technologies in field of automation	Faculty:25 Students: 400
19.	InnovateToINSPIRE 2019: The Big Idea Energy Innovation Challenge	MHRD & EES (Energy Efficiency Services Ltd. Ministry of Power, India	Students Participated	15-30 Aug 2019	The challenge is for academia (students and (or) faculties) to submit sustainable and scalable solutions (PoC/Prototype) in the thematic area of Grid Management, Energy Efficiency, Clean Energy, E-Mobility and Financial Instruments	Faculty:02 Students: 05
20.	Innovations and Implementation (concrete and foundations)- Two effective tools for success	CIVIL, SVEC	Dr.N.V.Nayak Principal Advisor, Gammon Engineers & Contractors Pvt Ltd, Mumbai	08 Aug 2018	Dissemination of knowledge on how innovation and implementation in concrete technology and foundation engineering are the key tools for success in the field of construction.	Faculty:26 Students:430

21.	Grand Challenge Scholars Programme	SVEC	Review Meeting	01 Aug 2019	Review Meeting on Grand Challenge Scholars Programme for discussing the progress.	Faculty:08 Students: 42
2018-19						
1.	Idea Competition & Design Competition for Proof of Concept Development	IIC, SVEC	Mr. Y. Mallikarjuna Reddy , CEO, SSIIEE-TBI, SPMVV, Mr. P.Mahesh , Scientific Assistant, SSIIE-TBI, SPMVV& Dr. Lazar Mathew Research Advisor, SVET	26-27 April 2019	68 Models and 152 ideas were submitted	
2.	Episode 04 of India First Leadership Talk (Online Webinar)	SVEC & MHRD	Prof. Anil D. Sahasrabudhe , Chairman, AICTE	22 April 2019	This talk series helped the faculty as well as students to know the initiations that are been taken for improving the quality of technical education in India. Prof. Anil D. Sahasrabudhe clarified to several questions posed by students and faculty of various institutes that helped us to get clear idea of the norms and procedures that have to be implemented. He also explained the importance of training the faculty in the emerging areas	
3.	Workshop on Cognitive Skills, Design Thinking and Critical Thinking	SVEC (IIC & IT)	Dr. Bhanu Pratap Pinnamaneni , Director (R&D), Kelenn Technology France, & Smt. Komala Raveendra , Entrepreneur, Tirupati	20 April 2019	Discussed the advancements of Data Science and showcased and demonstrated live applications to the participants. He briefed the students about development of specifications, planning and building the projects. He also explained how to understand a problem and try to build feasible solutions. He explained the importance of critical thinking in today's world	
4.	"Design Thinking & Organizational Behavior"	IT, SVEC	Mr. Preetham HR Manager Phoenix analytics Ltd, Tirupati	8 April 2019		
5.	India's First Leadership Talk Series-3 rd Episode (Online Webinar)	SVEC & MHRD	Shri. Ajit Doval , National Security Advisor, Govt of India,	19 March 2019	Shri. Ajit Doval shared his experience in the live interaction program. The program was well received by the students and faculty. The talk benefitted the students	

					and focussed on the importance of decision making and the consequences that are involved. Also, the students were inspired by the talk and the necessity of positive attitude in real life.
6.	India's First Leadership Talk Series- 2 nd Episode (Online Webinar)	SVEC &MHRD	Dr. Anand Deshpande, Founder Chairman & Managing director- Persistent System Ltd.	24 Jan 2019	The webinar helped the faculty and students to understand the necessity and significance of buiding new small scale industries initially by the young students and faculty. The participants were made aware of how to choose career and take right decisions at right time and the various aspects to be considered for successful entrepreneurship. The importance of demand and supply chain and usage of latest technology for long term success were understood by the participants. The students were enlightened with the qualities necessary for a successful startup such as enthusiam, interest to learn in ongoing business, discipline etc. The questions posed by the presenters were very useful fot the participants.
7.	i2E Smart Idea Pinch and Win Contest	APSSDC	Idea Contest	Feb 2019	218 student ideas got qualified of 731 idea submissions.
8.	SMART INDIA HACKHATHON 2019	MHRD	Organized by MHRD	Jan 2019	70 teams submitted 76 ideas for SIH 2019.
9.	Online Webinar on "IPR for Students and Faculty Members"	SVEC &MHRD	Ms. Shwetaree Majumder, Principal, Fidus Law Chamber	10 Jan 2019	The webinar helped the faculty and students to understand the necessity and significance of Intellectual Property Rights, Patent Rights, trademarks, industrial designs, copyrights, procedure for applying patents etc. The session helped the students to know about of copy rights and their importance, types of copyrights, Originality of Literary works, Importance of IP, protection of IP, Judicial decisions etc.
10.	Workshop on "IPR for Students and Faculty Members"	ECE, IIC SVEC	Mr. Sameer Panda, CEO & founder of TJ tyres and	10 Jan 2019	The workshop helped the faculty and students to understand the importance of Intellectual Property and Rights. The faculty and students were exposed to various aspects of Intellectual Property

			IP expert		Rights, its role in the present era. The participants were briefed about Patents, Patent Rights, trademarks , industrial designs, copyrights, procedure for applying to patents and the time bound it takes	
11.	India's First Leadership Talk Series- 1 st Episode (Online Webinar)	SVEC & MHRD	Shri. Anand Mahindra , Chairman, Mahindra Group	8 Jan 2019	Shri. Anand Mahindra explained several concepts regarding setting of career goals, handling failures in life, collaborative competition, leadership qualities, innovation at business etc.	
12.	Two day national Level Research expo and Workshop on "Data Science"	IT, SVEC	Dr. P. Bhanu Prasad , Researcher and Advisor, Director (R&D), Kelenn Technology France Smt.Komala Ravindra Entrepreneur Mr.T.Pranab Kumar Architect, Oracle Corp Mr.N.Jaswanth IIT, Sri city, Mr.N.Vikram S.V.University	21-22 Jan 2019	To create a platform for students for presenting their innovative ideas and prototype models	
13.	Interaction with Prof.K.N.Satyanarayana, Director, IIT, Tirupati	SVEC	Prof.K.N.Satyanarayana , Director, IIT, Tirupati	20 Dec 2018	An interaction for strengthening research and innovation culture in the campus	
2017-18						
1.	IOT Project Expo	CSSE, SVEC	Project Exhibition	7 April 2018	To create a platform for students for presenting their innovative ideas, project models and prototypes.	
2.	Project Exhibition	ECE, SVEC	Project Exhibition	4 April 2018		
3.	JNTU Anantapur TECH Festival	SVEC	TECH Festival (District Level)	27 Jan 2018		
4.	Project Exhibition	MECH, SVEC	Project Exhibition	24 Sept. 2017		