SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet – 517102

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

Sree Vidyanikethan Engineering College established **Institution Innovation Council (IIC)** as per the norms of **MHRD Innovation Cell (MIC), Ministry of HRD, Govt. of India** to foster the culture of Innovation among Higher Education Institutions. The main purpose of MIC is to encourage, inspire and nurture young students and faculty by supporting them to work with innovative ideas.

Sree Vidyanikethan Engineering College IIC has been recognized as **Best Performing Institution** from the **South Central Zone (SCRO)** for the Year **2018-19** by MHRD's Innovation Cell and has been felicitated by Hon'ble Minister of HRD Shri. Ramesh Pokhriyal Nishank during "First Annual Innovation Festival" held at **AICTE Head Quarters, New Delhi on 11-09-2019**" . We were one among top 25 best performing Institutes among 952 IICs established across India. This award has been given in recognition of the various programs conducted to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses. The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes.

Functions of IICs

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

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List of Activities

Sl. No	Name of the Event	Organized by	Speaker/Resource Person/ Judge	Date	Remarks
			2019-20		
1.	Skill Development Program on Augmented Reality/ Virtual Reality	MECH, SVEC	**APSSDC Experts Amaravathi AP**	06-10 Jan 2020	Impart training skills in Augmented Reality/ Virtual Reality.
2.	Entreprenuer Development Awareness Camp- Invited Talks	EDC, SVEC	**Mr. T. Akhil** Customer Quality Engineer Brose, France	02-05 Jan 2020	Entreprenuer 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.
		EDC, SVEC	**Ms. Alison C** Learning & Digital Project Manager, CHANEL, France		Entreprenuer Development Awareness Camp- Invited Talk on Innovative way of learning and development of a mobile learning App for CHANEL: French luxury brand, France
3.	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
4.	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.

5.	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
6.	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.
7.	Seminar cum Workshop On " Waste to Wealth"	SVEC & SVCP	**Mr S Prashanth, Innovator** and Entreprenuer, 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 Entreprenuer, SP Grace Natural, Erode, Tamil Nadu. He exhibited around 20 products that were made from banana stem.
8.	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 exhibitting their innovative models.
9.	AP state level ISTE Student Convention 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.

10.	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".
11.	India Google Developer Student (DSC) Summit 2019- Live	GOOGLE (LIVE WEBINAR)	**Erica Hanson,** Developer Relations Program Manager Google **Mr. Saurabh** Web Development Department Google **Ms. Nikita Gandhi** Data Science Department Google	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 DSC over world. Exploring Machine Learning by Nikita Gandhi and Mr. Saurabh about Web Development Department. *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.*
12.	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
13.	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

14.	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
15.	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.
16.	Grand Challenge Scholars Programme	SVEC	**Review Meeting**	01 Aug 2019	**Review Meeting on** Grand Challenge Scholars Programme for discussing the progress.
			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 variuos institutes that helped us to get clear idea of the norms and procedures that have 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 todays 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-3rd 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- 2nd 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 entreprenuership. The importance of demand and supply chain and usage of latest technology for long term success were understood by the participants. The students were enlighted 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. Shwetasree 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		10 Jan 2019	The workshop helped the faculty and students to understand the importance of Intellectual Property and Rights. The faculty and students

			Mr. Sameer Panda, CEO & founder of TJ tyres and IP expert		were exposed to various aspects of Intellectual Property 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- 1st 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** Enterpreneur **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	