

SIH 2019 - Hardware Edition - Winner

Sl. No.	Nodal Centre	Organization	PS Title	Team Name	Leader Name	College Name	State	Result	
1	BSDU Jaipur	DELL EMC	Ultra-low power Nano implantable devices for	Dream Rushers	Kirthika M	SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE	Puducherry	Winner	
2				Heart Warmers	Thillai Manickam G	SRI ESHWAR COLLEGE OF ENGINEERING	Tamil Nadu	Winner	
3		GE Healthcare	Continuous Non-Invasive Blood	STUPENDOUS SIX	Bathmeshwari V	Rajalakshmi Engineering College	Tamil Nadu	Winner	
4				Techdocs	Suhashine S	SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING	Tamil Nadu	Winner	
5				Bioses	Arvindh Swaminathan	SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING	Tamil Nadu	Winner	
6		Min. of Water Resources	Aquatic drone for water quality measurement	TECHNO CREW'S	VARANASI DURGA PRASAD	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY	Telangana	Winner	
7	CSIO Chandigarh	ICAR, Min. of Agriculture	Sensor based monitoring of urban city waste water for agricultural use	Hack Six	Kirthana R	KCG COLLEGE OF TECHNOLOGY	Tamil Nadu	Winner	
8				mobile based low cost smart irrigation assistant for guiding irrigation scheduling	The Terrifying Nightmares	Saurav Gajbhiye	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, NAGPUR	Maharashtra	Winner
9		Min. of Road Transport	Electronic Payment of User Fees at the Toll Plazas	A Team has no Name	Naveen Joe Suresh Kumar	LOYOLA-ICAM COLLEGE OF ENGINEERING AND TECHNOLOGY	Tamil Nadu	Winner	
10		Ministry of Power	Smart monitoring and operating the power system	TEAM WIZARDS	M.Mohamed Azarudeen	C.ABDUL HAKEEM COLLEGE OF ENGINEERING & TECHNOLOGY	Tamil Nadu	Winner	
11		Ministry of Railways	Public address System	TELETECH	MD SHAFIN	CAMBRIDGE INSTITUTE OF TECHNOLOGY	Jharkhand	Winner	
12		Oil India Ltd	Pipeline Pilferage Prevention & Detection system	verve_brio	Sravani Devineni	VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY	Telangana	Winner	
13			Sludge developed inside Crude Oil Transport Pipe	Chemtech Solutions	Pruthviraj Patil	DR. VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY	Maharashtra	Winner	
14	Dayananda Sagar University, Bengaluru	Bajaj Electricals Limited	Water Efficient "Air Cooler	Sparklers	Janani B	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Tamil Nadu	Winner	
15				Multipan // NEKA	TEAM WORKAHOLIC	PRAKASH S	SRI KRISHNA COLLEGE OF TECHNOLOGY	Tamil Nadu	Winner
16				To have Self Charged Fans - Cost effective , Energy saving and very useful for end user // FAN	Gnan Militants	THAMODHARAN P	GNANAMANI COLLEGE OF ENGINEERING	Tamil Nadu	Winner
17		ITC Limited	Intelligent Food packaging	INNOVATION GEEKZ	G.PHANI CHANDRA	VISHNU INSTITUTE OF TECHNOLOGY	Andhra Pradesh	Winner	
18	Kotak Mahindra Bank	Low cost payment terminal	Team Photon	T R Rohith	S.R. M INSTITUTE OF SCIENCE AND TECHNOLOGY	Tamil Nadu	Winner		
19	MAHYCO	Reducing Cotton Picking Cost of Indian Farmer	AFICIONADOS	Abhishek kr. Jha	DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT	Delhi	Winner		
20				Surgical strike	Poonam Pawar	VIDYA PRATISHTHAN'S KAMALNAYAN BAJAJ INSTITUTE OF ENGINEERING & TECHNOLOGY, BARAMATI	Maharashtra	Winner	

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21		Vanderlande	Telepicking Interface with Item picking Robotics	YANTRAMANAV	HARINI V	PRATHYUSHA ENGINEERING COLLEGE	Tamil Nadu	Winner
22	FORGE Coimbatore	Mahindra&Mahindra(FarmEQ)	Pedestrian Safety Device in automobiles	MachVeda	Apoorv Negi	CHANDIGARH ENGINEERING COLLEGE	Punjab	Winner
23			Low cost & smart cooling system for tractor cabin	AgriBOTICS	AMAN GUPTA	ZAKIR HUSAIN COLLEGE OF ENGINEERING & TECHNOLOGY	Uttar Pradesh	Winner
24			Low cost on the go soil sensing and mapping attached to implements	Team-Electronica	Arun Sai Teja Medisetty	Lovely Professional University	Punjab	Winner
25		Robert Bosch Engineering & Business Solutions Private Limited	Achieve zero wastage of water through RO Water purifiers normally used in an Indian household	GLOW GIRLS	SINTHUJA K	SRM TRP ENGINEERING COLLEGE	Tamil Nadu	Winner
26		Smart garbage vehicles and push carts in am	Brainyfools	RAHUL BHATIA	JSS ACADEMY OF TECHNICAL EDUCATION	Uttar Pradesh	Winner	
27			Energy Consumption machine using Sunlight	TECHTRYDAN	VIGNESH K	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Tamil Nadu	Winner
28	IISER + NCL, Pune	Bharat Forge Ltd.	Development of 30 Kg Payload capacity multicopter	TEAM FALCON 7	Jaideep kala	MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY	Delhi	Winner
29		Forbes Marshall Pvt. Ltd	Steam Trap Health Monitoring	Hackernauts	Jebin Joshua I	SRI SAI RAM ENGINEERING COLLEGE	Tamil Nadu	Winner
30		KPIT	Generation of water from thin air	NEERAX	Aniket Kumbhar	Indian Institute of Technology, Roorkee	Uttarakhand	Winner
31		Shantha - Sanofi	Simplification of garment scanning	Sigma Six-Six	Nirmal A	AMRITA VISWA VIDYAPEETHAM	Tamil Nadu	Winner
32		SKF India Ltd.	Developing Low Noise High Speed Ring Loading Sys	TechHOUNDS	Sourabh Adsul	Indian Institute of Technology, Chennai	Tamil Nadu	Winner
33		Tata Motors	An Open sourced Motor Controller for Hybrid Veh.	TechEEE2.0	Vikram AS	SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING	Tamil Nadu	Winner
34			Vehicle Consumables Prognostics	Infinity Clones	Sharavane D.P	SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING	Tamil Nadu	Winner
35			Intelligent trip management for Electric Vehicles	MOONSHOT	Aditya Dubey	SHIV NADAR UNIVERSITY	Uttar Pradesh	Winner
36		Thermax	Energy Storage Solutions	TECH ARMY 5072	PRAISETO C.P.	R.M.D. ENGINEERING COLLEGE	Tamil Nadu	Winner
37				THE BREEZERS	Prachi Sharma	LAKSHMI NARAIN COLLEGE OF TECHNOLOGY & SCIENCE	Madhya Pradesh	Winner
38	Minimizing reject during water purification		ICT2021	Abhishek Bhardwaj	Institute of Chemical Technology, Mumbai	Maharashtra	Winner	
39	IIT Delhi	Hero Electric Vehicles	Parallel BMS	ICONIXS	Nivedha Ravi	PONDICHERRY ENGINEERING COLLEGE	Puducherry	Winner

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40		Maruti Suzuki India Ltd.	Live AQI (Air quality Index) Map like Google traffic map for the use of various stakeholders (Car Drivers,OEMs, individuals etc.)	Elite Air Cops	K Pavan Kumar	NATIONAL INSTITUTE OF SCIENCE & TECHNOLOGY	Odisha	Winner
41			Stop Noise pollution from honking	The Better Team	Dharsan K	SRI KRISHNA COLLEGE OF TECHNOLOGY	Tamil Nadu	Winner
42		Ministry of AYUSH	Non-invasive method of blood glucose monitoring	ELECTROBOOM	PRITHIVIRAJAN S	SETHU INSTITUTE OF TECHNOLOGY	Tamil Nadu	Winner
43			Audio guide for patient regarding doctor prescript	CoderArray	PRAVASH KUMAR BEHERA	C.V.RAMAN COLLEGE OF ENGINEERING	Odisha	Winner
44			DECOCTION VENDING MACHINE	TRONIX THUNDER	CHANDAN KUMAR PRAJAPATI	SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN	Rajasthan	Winner
45		Yamaha Motor Solutions India Pvt. Ltd.	Bike Crash Detection	Dhruva_	SHANKAR BIRADAR	SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Maharashtra	Winner
46	IIT Hyderabad	ANIK	Drought situations in rain shadow regions of Maharashtra	TechEEE1	RITIKA -	SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING	Tamil Nadu	Winner
47		Cognizant	Ocean Cleaning	G-TECH	ABHISHEK KUMAR DUBEY	C.V.RAMAN COLLEGE OF ENGINEERING	Odisha	Winner
48		Kokuyo Camlin	Tracking Board for unsafe act	The_Turings	Akshay Kumar	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY	Chandigarh	Winner
49		NALCO	Finished Goods DISPATCH BAY Mngement Automation	AAROHAN	Shubham Badhe	ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING, PUNE-1	Maharashtra	Winner
50	IIT Indore	AICTE (Smart Communication)	Hardware - Smart Communication	bBook	Ruchitha D J	MVJ COLLEGE OF ENGINEERING	Karnataka	Winner
51		Kisaan Industries, Haldwani	Fat preservation of Spices by Cryogenic grinding	Young Strategists	Mohd.Arsalan Pasha	Institute of Chemical Technology, Mumbai	Maharashtra	1st Runner Up
52		AICTE (Smart Communication)	Hardware - Smart Communication	Slayer's	Shreya Kumari Pandey	DRONACHARYA COLLEGE OF ENGINEERING	Haryana	2nd Runner Up
53	IIT Kanpur	AICTE (Robotics and Drones)	Hardware - Robotics and Drones	Subterranean Rescuers	Ajit Mutalik	RAMRAO ADIK INSTITUTE OF TECHNOLOGY	Maharashtra	Winner
54		AICTE (Healthcare & Biomedical Devices)	Hardware - Healthcare & Biomedical Devices	Collective Challengers	Ammu J Shajan	KARPAGAM COLLEGE OF ENGINEERING	Tamil Nadu	1st Runner Up
55				THE EMONEERS	PRIYANKA GUPTA	ZAKIR HUSAIN COLLEGE OF ENGINEERING & TECHNOLOGY	Uttar Pradesh	2nd Runner Up
56	IIT Kharagpur	Garden Reach Shipbuilders	Insulation issue in Auxiliary and Deck machinery motors in naval ships	# TESSERACT	Dharshan M	SRI RAMAKRISHNA ENGINEERING COLLEGE	Tamil Nadu	Winner
57		Min. of Coal	Fuel Tank Guard	ENIGMA 99	Rohan Vamshi G	CVR COLLEGE OF ENGINEERING	Telangana	Winner
58				Mine Accident Rescue Operation	GRAVITY PLUS	PRUDVI RAJ	LINGAYA'S VIDYAPEETH	Haryana
59			Heavy Earth Moving Machinery Monitoring	MAGNIFICENT DREAMERS	Charles Y	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY, DINDIGUL	Tamil Nadu	Winner

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60			Automatic alert to Safety Officers	WILD CREW	Aryan Bhatia	NETAJI SUBHAS INSTITUTE OF TECHNOLOGY	Delhi	Winner
61			IOT Device for Tracking CSR Assets	Robogyan	Jai Garg	DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT	Delhi	Winner
62	IIT Mumbai	Dept of Atomic Energy	Aid-kit for persons with small sense disability	SATARK	Rashmi Phadnis	BHARATIYA VIDYA BHAVANS SARDAR PATEL INSTITUTE OF TECHNOLOGY	Maharashtra	Winner
63		Flucon	Solar operated portable water purifier	Team Electro	SAI GANESH MEDIDA	SIR C R REDDY COLLEGE OF ENGINEERING	Andhra Pradesh	Winner
64		Harman	OPTIMIZING WATER USAGE AND YIELD IMPROVEMENT	Anvesht	Niraj Jadhav	SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Maharashtra	Winner
65	IIT Roorkee	AICTE (Smart Cities)	Hardware - Smart Cities	Facile Fabricators	Ramesh D	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Tamil Nadu	Winner
66		AICTE (Security & Surveillance)	Hardware - Security and Surveillance	TEAM SHAURYA	RAJ GANDHI	BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, NAVI MUMBAI	Maharashtra	1st Runner Up
67				Safety Giants	Pooja Kadam	R. C. PATEL INSTITUTE OF TECHNOLOGY	Maharashtra	2nd Runner Up
68	KIET Ghaziabad	Indian Oil	CO2 conversion to CO	CHEMIX	Kaustubh Rane	Institute of Chemical Technology, Mumbai	Maharashtra	Winner
69			Lignin valorisation- Conversion to fuels,chemicals	MemBRAINS	Vinatha V	SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING	Tamil Nadu	Winner
70			Low-cost vapour recovery system at fuel stations	PANAMERA	Abitha S	GOVERNMENT COLLEGE OF TECHNOLOGY	Tamil Nadu	Winner
71		Ministry of Textiles	SANITATION	TAYUVA	NANDITHA KOLA	RGUKT- BASAR	Telangana	Winner
72			POLLUTION CONTROL IN TEXTILE PROCESSING INDUSTRY	Hex Code	Joyendra Roy Biswas	MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY	Delhi	Winner
73	NIT Trichy	AICTE (Agriculture and Rural Development)	Hardware - Agriculture and Rural Development	AGRO YANTRIKIES	Ashwini Khaire	SNJBS LATE SAU. KANTABAI BHAVARLALI JAIN COLLEGE OF ENGINEERING	Maharashtra	Winner
74		AICTE (Smart Vehicles)	Hardware - Smart Vehicles	Social developers	Mandar Topre	G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.	Maharashtra	1st Runner Up
75		AICTE (Energy/ Renewable energy)	Hardware - Energy/ Renewable energy	CIVIMECHOS	VEERANKI HEMA VARSHINI	PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY	Andhra Pradesh	2nd Runner Up
76	REVA University Bangalore	Axiscades	Control of multiple drones with one control unit	Dronebolt	Siddhant Nikumbh	SCTR'S PUNE INSTITUTE OF COMPUTER TECHNOLOGY	Maharashtra	Winner
77		BEML	Transfer of data across two separate networks without violating cyber security	Kalam's Dream	ALLAMADHEV G	R.M.K. ENGINEERING COLLEGE	Tamil Nadu	Winner
78		GoldmanSachs	Smart Traffic Lights using CCTV	Quebik	Tanmay Talele	VIVA INSTITUTE OF TECHNOLOGY	Maharashtra	Winner

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79		Growtech Innovations	Monitoring input water quality and output water quality through smart sensing in Home water purifier	Irreplaceable Dream Crushers	PREETHIKA N C	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Tamil Nadu	Winner
80		HCL TECHNOLOGIES LIMITED	Low cost residential flow meter	SUVANA	ANKIT JHA	MUZAFFARPUR INSTITUTE OF TECHNOLOGY, MUZAFFARPUR	Bihar	Winner
81		Ingersoll Rand	Fuel Cell - Refrigeration / Air Conditioning	The_Tachyons	Shenbagapandiyan B	Rajalakshmi Engineering College	Tamil Nadu	Winner
82			Virtual Reality Visualization for Computational Studies	STAC 1	Pranshu Tople	Ajeenkya D Y Patil University	Maharashtra	Winner
83		VMware Software India Pvt	Re-forestation using "self driven" robotic	FORBOTS	Ganesh Sreedhar	MAR BASELIOS INSTITUTE OF TECHNOLOGY AND SCIENCE	Kerala	Winner
84				Venom3	Suyash More	VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE	Maharashtra	Winner
85	SREC Warangal	Cyient	Intravenous Infusion Monitoring	Reboot Rebels	Abilash C	SRI RAMAKRISHNA ENGINEERING COLLEGE	Tamil Nadu	Winner
86			Household waste Incinerator	Wisdom Pack	Mathivadhani Arumugam	ADITHYA INSTITUTE OF TECHNOLOGY	Tamil Nadu	Winner
87	SRM Chennai	Apollo Hospitals	Smart recording of Hand Washing by Hospital staff	LIVONIAN	Kishore Kumar K J	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	Tamil Nadu	Winner
88			Automated intelligent humanoid robot in ICU	whack1	Bhawana Chhaglani	BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING	Delhi	Winner
89		Hindustan Unilever Ltd	Smart Demand Predictors	SANGILI THALAVAADAM	RAMKUMAR V .	KUMARAGURU COLLEGE OF TECHNOLOGY	Tamil Nadu	Winner
90		Tata Steel Processing And Distribution Ltd	Online residual stress measurement in steel strip	Trinetra	Sandeep kumar G	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE	Andhra Pradesh	Winner
91	Vel Tech Chennai	AICTE (Sports & Fitness)	Hardware - Sports and Fitness	ARCIS	Ashutosh Pandey	DAYANANDA SAGAR COLLEGE OF ENGINEERING	Karnataka	Winner
92		AICTE (Miscellaneous)	Hardware - Miscellaneous	Megatron	Aniket Kumar	ITM GROUP OF INSTITUTIONS (TECHNICAL CAMPUS)	Madhya Pradesh	1st Runner Up
93				Yuwa Innovators	Shubham Chaturvedi	National Institute of Technology, Srinagar	Jammu and Kashmir	2nd Runner Up