Gujarat Industrial Hackathon 2018

Education Department Government of Gujarat has taken series of initiatives to design and develop innovation processes and ecosystem across its affiliated colleges and universities. At state level, SSIP is pioneering series of interventions and Gujarat Hackathon is an annual flagship program where young students can leverage their technical skills to solve real life challenges posed by various stakeholders. Last year, during "Smart Gujarat for New India", 17 departments of Govt. of Gujarat like Agriculture, Home, Urban Development, Port and Transport, Energy and Petrochemicals and others shared 213 challenges to all students across universities for solving them and creating innovative solutions. Students from across disciplines like BCA, Engineering, MCA, MSc IT, Pharmacy and allied branches had participated in this one of its kind program at state level. The grand finale of Hackathon program," Smart Gujarat for New India" 2018 was hosted at PDPU. Short listed 150 teams comprising 917 students from 11 universities across 15 districts of Gujarat participated in grand finale on 24th-25th March in a nonstop 36 hour efforts.

SSIP at state level will do a systematic outreach program across the state so that wider and inclusive participation takes place in this program. Mentors will be assigned by different industries and academia for technical guidance related to particular sector& industry. Technical committee will review all the student applications based on their synopsis as proposed during their applications in through an online platform. Each potential team with their local mentor will devise their strategy to solve a particular challenge shared by particular industry, clusters or similar organization. The reviewed and filtered ideas/synopsis by expert and review committee will be nominated for further rounds. The first stage of the Hackathon will be hosted in simultaneously in five cities of Gujarat. Each host can focus on certain domain so that similar innovations can be brought together for further support. During this program, respective industry who has provided challenges will nominate their mentors and reviewers who can interact with their teams, guide and bench mark them while giving inputs on how to improve them further.

Special focus to solve challenges of MSME sectors During this year's hackathon, we are making special efforts to see that our students try to solve challenges of MSMEs in Gujarat in general. Small and medium Enterprises (SMEs) have emerged as an engine of growth in several developed and

developing economies of the world and in India they play critical role in job creation and economic impact. The major advantage of the MSME sector lies in its significant employment potential at low capital cost and the labor intensity in the MSME sector is estimated to be considerable higher than the large enterprises. However, there are weak linkages between the technology providers (Universities and R & D laboratories) and the MSME's as technology users. Hardly, few of them can afford high quality talent to set up their own R&D or innovation facility. In other side, we have over half a million professional students graduating every year from the state who could be connected to these MSME units.

By involving the students with real challenges of MSMEs, we wish to leverage skills of youth while the industrial units can get access to talents in their vicinity who could work on their issues. This will create win-win situation. This could turn out to be a very frugal innovation process where State can facilitate such programs and a culture can be developed. Rather in long run, it will change the mindset of academia so that more and more of them guide their students to take up such real world challenges as their project/research work. This will cement the linkages among industry, academia and society in long run. In the beginning of this year's hackathon process, students, faculty guides and nearby MSMEs can also sit together to define granular challenges apart from pooling challenges from industries by themselves. This will bring better ownership for the problem giver and academia. In application phase, multiple teams can apply to work on shared challenges. Sometimes, group mentoring to teams working on similar challenges can be facilitated. As Gujarat is having a wide range of MSMEs, students from different discipline can get an opportunity to work on their issues and opportunities
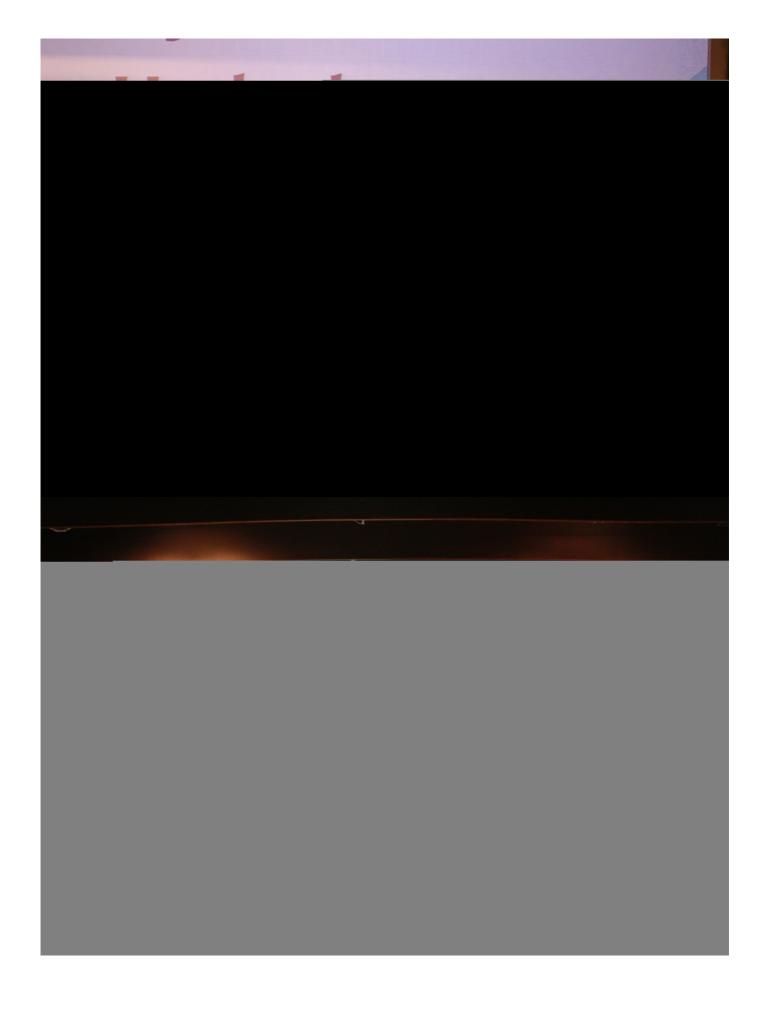
Final Winner List of Grand Finale

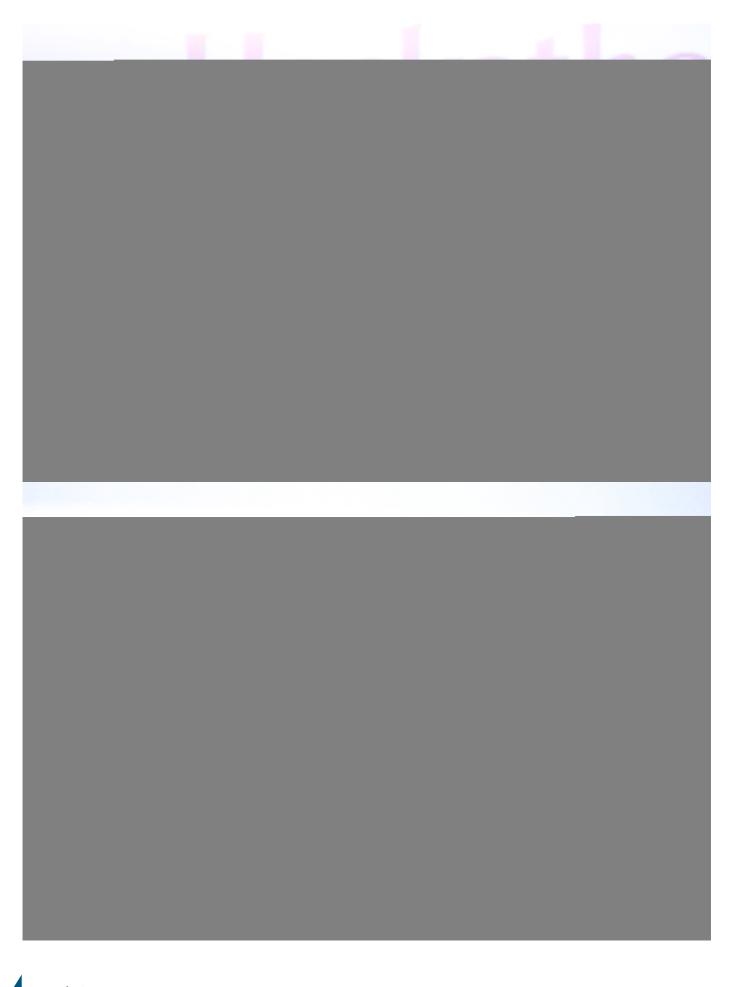| Gujarat Industrial Hackathon - 2019 Final Winner List of Grand Finale						
Type of Industry	Rank	Team ID	Problem ID	Name of Team Leader	Institute of Team Leader	Prize Money in Rs.
Corporate	1	TG000923	GIH005	Parth Chandra Gundaniya	Shantilal Shah Engineering College , Bhavnagar	50,000/-
	2	TG001070	GIH004	Rajesh Pandey	Birla Vishvakarma Maha Vidhylaya, V.V.Nagar	35,000/-

Large	1	TG001411	GIH016	Raj Gandhi	Vishwakarma Government Engineering College, Chandkheda,Gandhinagar	50,000/-
	2	TG000779	GIH022	Tathya Thaker	Gandhinagar Institute Of Technology (SFI),Bhoyan-Khatraj Kalol Road	35,000/-
Medium	1	TG000065	GIH046	Purohit Aditya	L.D.College Of Engineering, Ahmedabad	50,000/-
	2	TG000717	GIH062	Naman Dosi	Parul Institute Of Engg. And Tech., Limda, Vaghodia	35,000/-
	3	TG001445	GIH076	Kshitij Palghane	Indian Institute Of Information Technology, Vadodara	25,000/-
	4	TG001046	GIH006	Manan Bhatt	Shri Sadvidhya Mandal Institute Of Tech., Bharuch	20,000/-
	4	TG001058	GIH036	Pratikkumar J Naliapara	Shri Swami Atmanand Saraswati Institute Of Tech., Surat	20,000/-
PSU	1	TG001148	GIH090	Jay Patel	A. D. Patel Institute Of Technology, Karamsad	50,000/-
	2	TG000852	GIH087	Kelawala Ruzal Hemantbhai	Shri Swami Atmanand Saraswati Institute Of Tech., Surat	35,000/-
Small	1	TG001113	GIH144	Jay Patel	Sal Engineering And Technical Institute	50,000/-
	1	TG000607	GIH175	Jaydip M. Prajapati	L.D. College Of Engineering, Ahmedabad	50,000/-

	2	TG001713	GIH095	Yatharth Antani	Institute Of Forensic Science, Gujarat Forensic Sciences University	35,000/-
	2	TG001802	GIH160	Modi Ankit Alkeshkumar	Vishwakarma Government Engineering College, Chandkheda, Gandhinagar	35,000/-
	3	TG000585	GIH185	Shardul Divyakant Nayak	Government Polytechnic, Gandhinagar	25,000/-
	3	TG000687	GIH199	Selvi Shah	Vishwakarma Government Engineering College, Chandkheda,Gandhinagar	25,000/-
Best All Girls Team	1	TG000552	GIH091	Sharma Bhumi Bhupendra	Government Girls Polytechnic,Ahmedabad	20,000/-
Total :						**6,45,000/-**

Contact Us

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