

“PRAKALP-2019”

2nd Inter-college Project Competition

Organized by Department of Computer Engineering, SFIT on 30th March, 2019

Report

PRAKALP in Hindi/Sanskrit means Project. This event which commenced in a small scale 2 years back with in-house project groups, grew to the extent of inter college competition with around 49 participants. This year’s competition had around 29 participants from colleges within Mumbai and 20 participants from SFIT. Most of the external candidates were from prominent colleges like, Fr. Agnel Bandra, Vidyalankar,Vashi, M.H Saboo Siddik, Byculla, Ramrao Adhik Institute of Technology, Nerul, Saraswati College New Mumbai, Viva College, KJ Somaiya Vidyalankar. The response of participants was really amazing.

The registrations were not limited only to the major domains of Intelligent Systems, Knowledge Discovery and Data mining, Communication Networks and Distributed systems, Network and information security, Software Engineering and Advanced Technologies, Embedded Systems and Ubiquitous Computing, but all domains under the umbrella of computer engineering, Information Technology and Electronics and telecommunications departments.



The registration process started in the month of February and the interested groups from other colleges made online registrations and submitted a copy of Abstract of the project. The in-house project groups were subjected to initial scrutiny, wherein Interdepartmental judge and in-house judges judged the projects and the top 20 projects were eligible to participate in Prkalp-2019.

The projects which participated in PRAKALP2019 were belonging to a multitude of applications. From block-chain applications to applications on deep learning and convolution neural networks, AI Agents built using Reinforcement learning to optimization applications. Most of the projects had a keen agenda of improving some societal flaw or improvement in the societal conditions. Many projects were keen on latest research areas, development of expert systems for medical, social and financial domains

The judges for the day are eminent persons in the fields of AI, Machine Learning, Security, Embedded Systems working in prominent companies like INFOSYS, TCS, MAQ, ADANI GROUP and Investment banking companies. There were 7 judges who were made panel heads for 7 groups. The names and the affiliations of the judges are as follows:

S.No	Name of the Judge	Affiliation of the judge	Domains interested
1.	Mr. Ajith Menon	AVP, Nomura	JEEE platform, Analytics and Problem solving
2.	Mr. Ashish Patel	VP, Adani Group	Embedded systems, Power control systems
3.	Mr.Shahnawaz	Entrepreneur	Web Based applications and Project management
4.	Ms. Sneha Nambiar	Consultant Infosys	Scrum Master, Agile methodologies, Technology analyst, Business Analysis, IoT
5.	Mr. Santosh Menon	Ex-Microsoft, Director Team-ACE	Team Ace
6	Mr. Nikhil Mathew	MAQ Software. Technical Assistant to Director	Agile and Devops, Machine Learning and AI based projects
7	Mr. Mustafa Fatakawla	Associate Consultant-TCS	Data Scientist, Agilist, Banking and financial services

Among the 7 judges, 3 of our Alumni were in eminent positions and were invited to host the event as judges. We had 7 panels and around 7 projects were assigned to each panel. Every group was allotted 30 minutes for presentation and demo of the project. The judgment parameters were prudently selected based on the innovativeness or research content in the project, the depth of implementation of the project, the societal impact of the project and the level of difficult while implementing the project. The groups would be graded based on their clarity in presentation. There were 3 winners and 3 consolation prizes:

Prize	Project Title	Group members	College
1 st Prize	AirNote-Pen it down!	Sankhe Tanmay Yatin	SFIT, Borivli
		Vishwakarma Vikas Kamlesh	
		Singh Avinash Manoj	
		Puranik Pranav Prafulla	
2 nd Prize	YANAKA: Digitize RTO Document Verification System	Suranjan Deepak Mhashilkar	VIVA Institute of Technology, Virar
		Meraj Ajjj Shaikh	
		Ankit Bharatbhai Jain	
3 rd Prize	Explicit Content Censor (ECC)	Harshit Rai	Fr. C. Rodrigues Institute of Technology, Vashi
		Vishwas Singh	
		Lalit Sinnarkar	
		Vinay Vishwakarma	
Consolation Prizes:	Project	Group members	College
1.	Phishing and Pharming detection using Machine Learning	Mehta Palash Jatin	SFIT, Borivli
		Jangid Mukul Dinesh	
		Gajera Kishan Kamlesh	
2.	Upgradation of food moisture analyzer using IOT	Salman Siddiqui	M.H SABOO SIDDIK, Byculla
		Rumi Shaikh	
		Rishabh Srivastav	
3.	A Chess Companion	Rosal Colaco	SFIT, Borivli
		Ruana Jadhav	
		Elvita Fernandes	

First Prize Winners:



Second Prize winners:



Third Prize winners:



Consolation Prize winners:



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