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Event Organizer:

Department of Computer Engineering and Information Technology

Event Details

Date: Saturday, 12th March, 2016

Venue: C Building, Department of Computer Engineering, SITRC, Nashik

Time : 10:30 a.m. onwards

For IT Summit updates, Kindly scan the QR Code:

Event Coordinators:

Prof Sandip M Walunj

Prof Rakesh S Shirsath

Event Manager: Er Nikhil L Kulkarni, +91 9970016211

itsummit2016@sitrc.org



असतो मा सद्गमय !
समष्टौ मा व्योसिगमय !!

**SANDIP
FOUNDATION**

Nashik Campus, Trimbak Road, Nashik, Maharashtra
www.sandipfoundation.org

IT SUMMIT-2016

*“Showcase to minimize Risks in R&D
by Academic Alliance Program”*

Sandip Foundation

Sandip Foundation is an educational institution which strives to form technocrats who will build a more just and humane world. It strives for an intellectual endeavor that focuses on critical and creative thinking, with the aim of social transformation. The College makes a preferential option for the marginalized and it seeks to forge all-round development, inculcating both human and spiritual values. The relentless pursuit of new horizons in research, teaching, and cultural service is what the foundation considers its mission to be.

Department of Computer Engineering and Information Technology

OBJECTIVES

- ☞ To act as an institutional mechanism for providing various services including information on all aspects of enterprise building to budding S&T entrepreneurs.
- ☞ To inculcate a culture of innovation driven entrepreneurship through Research projects.
- ☞ To catalyze and promote development of S&T knowledge-based enterprises and promote employment opportunities in the innovative areas through IPR adoption.
- ☞ Commercialization of IPR based Projects for startups acceleration

ACHIEVEMENTS

- ☞ Received grant from Department of Science and Technology, Government of India for conducting awareness programme on "Big Data Analytics" with IT and ITeS professionals
- ☞ Two research projects funded by Department of Science and Technology, Government of India under IEDC scheme for product development
- ☞ Two research projects funded by CSI for product development.
- ☞ Collaboration with NASSCOM SSC for contribution towards NSQF, Ministry of Skill Development and Entrepreneurship, Govt. of India.
- ☞ Collaboration with EMC Corporation, Singapore for open source Cloud based research project development.
- ☞ Techno-Social Contribution towards Digital India Initiative through Natarajan Education Society: A mobile apps development NGO
- ☞ Collaboration with District TB office, Nashik for IT awareness programs through camps and deploying SaaS in Society
- ☞ Skill based placements in collaboration with HackerEarth Inc, Bangalore

This year, the department is continuing its proactive performance in IT Summit with the theme

"Showcase to minimize risks in R&D by Academic Alliance Program".

Organizations everywhere are challenged to understand, manage and mitigate their risk and to do so amidst ever changing regulatory requirements, enhanced scrutiny and increasing globalization. In this new risk environment, those companies that can effectively do so through advanced analytics, R&D outsource and effective risk governance are far better suited to drive innovation and achieve profitable growth.

Multidisciplinary projects are going to be showcased through following clusters to experts from industry and research consultancies:

- ☞ Mobile Apps Development: 20
- ☞ IEEE Research article based: 47
- ☞ Industry Oriented (Other than IT/ITeS): 28
- ☞ Infrastructure: 21
- ☞ Big Data Oriented: 12
- ☞ Healthcare: 10
- ☞ Cloud Computing based: 10
- ☞ Parallel Processing (CUDA Only): 4

Note: Above mentioned clusters have projects from multidisciplinary streams. i.e. one project may appear in diversified clusters.



Activity Report
Of
Industry-Academia Innovation Practice
“IT SUMMIT 2016”
(12th March 2016)

Sponsored By
IEEE Bombay Section
ESDS

Organized by,
Sandip Foundation's
Sandip Institute of Technology and Research
Center

Department of Computer
Engineering and Information
Technology

Aim: To establish Industry Institute Interaction.

Objective:

1. To avail platform for students to showcase their projects in front of IT Professionals.
2. To provide guidance to the students from IT/Non IT Industry to focus on social issues.
3. To motivate students in research and development activities.
4. To avail various research labs for students to develop their projects.

Outcomes :

1. To interact with IT professionals.
2. To view their idea in different ways.

Name of Program: IT SUMMIT 2016

Venue: Computer Department

Coordinators: Prof. Sandip M. Walunj, Prof. Rakesh Shirsath

Audience: BE Students and faculties of Computer and IT Department

Summary Report of IT Summit 2016

To establish Industry Institute Interaction and motivate students in research activities, the department of Computer Engineering and Information Technology of Sandip Foundation's, Sandip Institute of Technology and Research Center organized an event named “*IT Summit 2016*” on the Date: 12/03/2016, Saturday. The event was started with inauguration of project titled “*Automated Car Parking System*”. Followed by inauguration of following 4 Research Labs:

1. Center of Excellence for BigData Analytics & Cloud Computing,

Technically sponsored by Prygma Information Systems LLP, Pune

Inaugurated by : Mr. Ganesh Joshi, CTO, Prygma Information Systems LLP, Pune

Dr. Raju Papneja, COO, ESDS Software Solutions Pvt Ltd, Nashik

2. Employability Skill Development Lab,

Technically sponsored by Zensar Technologies, Pune

Inaugurated by : Mr. N.G.Parashare, Jt.GM,IT, Ashoka Buildcon, Nashik

Mr. Atul Khanapurkar, Sr. General Manager, BOSCH

3. NFC Research Lab

Technically sponsored by JMN Infotech Pvt Ltd, Nashik

Inaugurated by : Mr. Abhishek Nikam, Director, JMN Infotech Pvt Ltd, Nashik

Ms. Manidipa Mitra, HR Manager, Dreamwares

4. Programming & Computing Lab

Technically sponsored by JMN Infotech Pvt Ltd, Nashik

Inaugurated by: Mrs. Gayatri Kelkar, Project Coordinator, Natarajan Education Society

Mr. Prashan Magar, IT Head, Nashik Municipal Corporation

After completion of lab inauguration the panel discussion was taken place.

To attend the same event Directors, CEO's, Project managers, Team Leader from various IT & ITes Industries all over the Maharashtra were visited our campus. Few of them are enlisted below:

Mr. M.K.Krishnan, Consultant, Ashoka Buildcon, Nashik

Mr. N.G.Parashare, Jt.GM,IT, Ashoka Buildcon, Nashik

Mr. Amreen Kazi, Director, IRT Pvt. Ltd, Nashik

Mr. Pawan Tiwari, Chief Technical Officer, DeepDive Infotech

Mrs. Gayatri Kelkar, Project Coordinator, Natarajan Education Society

Mr. Mahesh Kulkarni, Sub Divisional Engineer, Broadband and Internet Section, BSNL, Nashik

Mr. Magar, Head-IT Department, NMC, Nashik

Mr. Atul Khanapurkar, Sr. General Manager, BOSCH

Ms. Manidipa Mitra, HR Manager, Dreamwares

Mr. Jai B, Director, Unfolded Inc

Mr. Prashant Koli, System Analyst, Credila Financial Services

Mr. Rahul, Director, TechnoKraft Training and Solutions, Nashik

Mr. Ganesh, Director, Soliezy Solutions, Nashik

Mr. Amol Kute, Managing Director, Torna Informatics, Pune

Mr. Yogesh Jadhav, Director, Optimus Consultancy Service

Mr. Harshal Mali, Managing Director, Next Zone Technology

Mr. Anand Shirsath, Founder MD, Arete Technology, Nashik

Mr. Abhishek Nikam, Director, JMN Infotech Pvt Ltd, Nashik

Dr Rajiv Papneja, COO, ESDS Software Solutions Pvt Ltd, Nashik

Mr. Eshwar Patil, Asst Area Manager, Willowood Crop Sciences Pvt Ltd, Nahik

Mr. Rajesh Deore, Technical Analyst, Products-Electrical, Intertek Testing Services Inc., Mumbai

Mr. Yogesh Gaykhe, Asst Manager, Bricks and Bonds Pvt Ltd, Nashik

After inaugurating research labs, BE project exhibbition was started. Delegates from IT &

Non IT Industries visited all the projects. They appreciated the project ideas, technologies used by the students & provided technical exposure to the most of the projects.

Few of the photographs of the event are as follows:

1.1. Inauguration of Parking Project



Photo's of Inauguration of Parking Project



Photo's of Inauguration of Center of Excellence for BigData Analytics & Cloud Computing



News archives of the event in the media as follows:

1. Sandip IT Summit Lokmat Page 6, 11 March

संदीप फाउंडेशनतर्फे रानिवारी आयटी समीट

नाशिक : अंतिम वर्ष अभियांत्रिकीला शिकणाऱ्या विद्यार्थ्यांच्या प्रकल्पाला योग्य व्यासपीठ मिळावे यासाठी संदीप फाउंडेशन संचालित संदीप इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड रिसर्च सेंटर या महाविद्यालयाच्या संगणक अभियांत्रिकी व माहिती तंत्रज्ञान विभागातर्फे 'आयटी समीट' चे आयोजन १२ मार्च रोजी करण्यात आले आहे. माहिती तंत्रज्ञानाचा वापर विविध क्षेत्रात करण्यासाठी प्रोत्साहन देण्याकरिता संदीप फाउंडेशनतर्फे दरवर्षी या प्रकल्प प्रदर्शनाचे आयोजन केले जाते. टेक्नॉलॉजिस्ची 'एम्प्लॉयबिलिटी स्किल डेव्हलपमेंट लॅब, बॅंगळुरुच्या हॅकर अर्थने प्रायोजित केलेली 'प्रोग्रॅमिंग अँड कॉम्प्युटिंग लॅब' व नाशिकच्या जेएमएन इन्फोटेकच्या एनएमसी रिसर्च लॅब या विविध प्रयोगशाळांचे उद्घाटन 'आयटी समीट' मध्ये होणार आहे. प्रदर्शनात डेटा, क्लाउड कॉम्प्युटिंग, हेल्थकेअर, पॅरलल प्रोसेसिंग, मोबाइल ॲप, इंडस्ट्री ओरिएंटेड अशा विविध प्रकारच्या प्रकल्पांचा समावेश आहे. विभागप्रमुख प्रा. अमोल पोटगंटवार, संदीप वालुंज, राकेश शिरसाठ व निखिल कुलकर्णी संयोजनाची जबाबदारी पार पाडत आहेत. डॉ. संदीपकुमार झा, मॅटार पी. आय. पाटील, मोहिनी पाटील, प्राचार्य डॉ. संजय गंधे, अधिष्ठाता डॉ. राकेश पाटील व डॉ. प्रसाद बाविस्कर यांचे मार्गदर्शन लाभले आहे.

2. Divya Marathi, 14 March

‘आयटी समीट’मधील प्रकल्पांतून स्मार्ट तंत्रज्ञानाचा आविष्कार

संदीप इन्स्टिट्यूटमधील

उपक्रमांत १०० प्रकल्प सादर

प्रतिनिधी | नाशिक

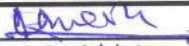
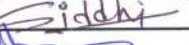





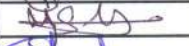

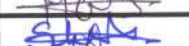



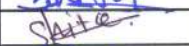
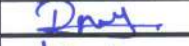


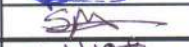

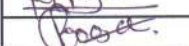





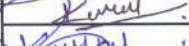

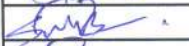








स्मार्ट पार्किंग सिस्टिम, मोबाइल ॲप, क्लाउड कॉम्प्युटिंग आणि बिग डेटा... स्मार्ट तंत्रज्ञानाच्या १०० हून अधिक आविष्कारांनी विज्ञानाच्या प्रगतीची झलकच दिसून आली. निमित्त होते, 'आयटी समीट २०१६' या कार्यक्रमाचे.

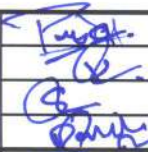



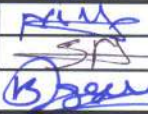
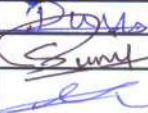
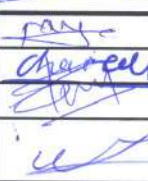
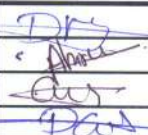
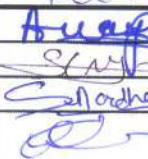
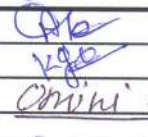
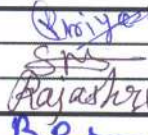
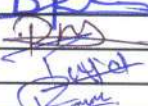
संदीप फाउंडेशन संचालित संदीप इन्स्टिट्यूट ऑफ टेक्नॉलॉजी अँड रिसर्च सेंटर या अभियांत्रिकी महाविद्यालयात संगणक व माहिती तंत्रज्ञान विभागातर्फे 'आयटी समीट-२०१६'चे आयोजन करण्यात आले होते. आयटी समीटमध्ये नाशिकसह पुणे व मुंबई या शहरांतील विद्यार्थ्यांनी १०० प्रकल्प सादर केले होते. विद्यार्थ्यांनी तयार केलेल्या स्मार्ट पार्किंग सिस्टिम हा प्रकल्प पार्किंगच्या आवारात बसविण्यात आला होता.

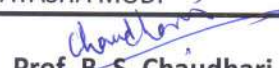
त्याच्या उद्घाटनाने आयटी समीटला प्रारंभ झाला. प्राचार्य डॉ. संजय गंधे यांच्या हस्ते या समीटचे उद्घाटन झाले. या प्रसंगी प्राचार्य डॉ. आर. जी. तातेड, विभागप्रमुख प्रा. अमोल पोटगंटवार, डॉ. प्रसाद बाविस्कर, प्रा. संदीप वालुंज, डॉ. राकेश पाटील, राकेश शिरसाठ, प्रा. निखिल कुलकर्णी आदी उपस्थित होते. राज्यभरातील उद्योजकांनी या समीटमध्ये सहभागी होऊन विद्यार्थ्यांना मार्गदर्शन केले.

Sandip Foundation's
Sandip Institute of Technology & Research Centre, Nashik
Department of Information Technology
IT SUMMIT 2016 (BEIT PROJECT LIST)

Date: 12/03/2016

Gr. ID.	Name of the Student	Domain	Project Title	Platform / Language	Student Signature
G1	SACHDEV SMITAL UMESH	Big Data	Analysis of unstructured data using Hadoop	Hadoop / JAVA	
	DAVE SIDDHI JAIKRISHNA				
	VAZARE NAYAN GANESH				
	CLINTON DELVIN				
G2	DHAVANE NITA GORAKSHANATH	Cloud Computing	Providing Proper Access of Data to Different Users Using Data Reservoir	Hadoop / JAVA, SQL	
	POTDAR APURVA SHRIKRISHNA				
	RAWALKAR RENUKA NANDKISHOR				
	MANIYAR SHABNOOR HARUN				
G3	POTE PALLAVI SITARAM	Android Development	Android application for college management system	Java/ Android	
	KHAIRNAR POOJA SHANKAR				
	JAIN YASHASHREE PRASHANT				
	GANGURDE HARSHADA SANJAY				
G4	THAKARE SHITAL ASHOK	Embedded System	Internet of Thing for Home appliance Control	IOT / JAVA	
	DEORE RAKESH				
	SATPUTE POOJA HIRAMAN				
G5	SINGH LOVELY LALITKUMAR	Networking	Network resource management by using SNMP Protocols	Networking / JAVA framework	
	SAI MOHITE				
	NALAGE SHITAL DILIPRAO				
	NUNSE POOJA RAMESH				
G6	GARUD KAJAL MANOHAR	Distributed System	Secure Query Processing Using Open Source API GMAP	IOT / JAVA	
	BIRARI SNEHAL PRAKASH				
	JAGTAP POONAM DEVIDAS				
	SONAWANE PUNAM TRYAMBAK				
G7	SAWASHE UTKARSHA MADHUKAR	Embedded System	Car locking and tracking using android applicatio	Android / JAVA, PHP, SQL	
	BHOLE NAMRATA MADHAV				
	GHUGE POOJA SADASHIV				
G8	PATEL MEERA RAMESH	Embedded System	Safe life with wearable devices	Open Source / Arduino IDE, C++	
	GODSE POOJA DNYANESHWAR				
	AHER SHWETA NITIN				
	JOSHI SNEHAL SHARAD				
G9	RAWAL TEJAS PRASHANT	Embedded System	AN adaptive honking system for No Honking zones using Wi-Fi	Open Source/ Arduino IDE	
	YADAV VINAYAK KRISHNADEV				
	KALAL MAYUR MADHUKAR				
	RANE GANESH KAILAS				
G10	SHINDE PRASHANT RAMDAS	Artificial Intelligence	Persistent user authentication system by integrating human physiological characteristics	Security / JAVA	
	PARAB BHAVESH SADANAND				
	RAVINDRA PRASAD				
	KALE SHAM MANOHAR				

G11	NIKAM AKSHAY PRAKASH	Linux	Load balancing using process migration for linux based distributed OS	Networking / JAVA	
	PALIWAL RAKESH DILIP				
	CHAVAN SWAPNIL RAOSAHEB				
	PATIL AVINASH NILKANTH				
G12	ATUL AGRAWAL	Linux Networking	Software defined networking (SDN) of Linux containers	Networking / JAVA	
	ASHISH BAHL				
G13	GAIKWAD ROHIT RAVI	Cloud Computing	Implementation of a Linux based Centralized service using cloud storage for advancements of Teaching proficiency	Networking / CLI	
	AHER PRATIK VIJAY				
	BADHAN SNEHAL KISHOR				
G14	SAKHALA PRANJAL PARAS	Operating System	Multi-OS booting using Pen-drive	Linux / C	
	VAIDYA DEEPALI BHASKAR				
	RAMTEKE DIVYAKSHI DILIP				
G15	PATIL MANSI ISHWAR	Security	Preserving user privacy in location based services through mobile collaboration	Security / JAVA, Android	
	PATIL SARIKA DINKAR				
	RAMAYANE SONALI DEOCHAND				
G16	NIKAM PRANJALI SHANTARAM	Embedded System	Automated irrigation system using wireless sensor network	Security / JAVA	
	DANEJ ASHWINI SUNIL				
	SHETE POOJA MOHANIRAJ				
G17	UJAGARE MONALI SHANKAR	Data Mining	Disaster recovery server with Data Replication and Redundancy Using Dataguard	Recovery / JAVAScript, Oracle	
	SONAR CHAITALI SURESH				
	PATIL BHAGYASHRI				
	KHAIRNAR ASHVINI VILAS				
G18	DURYODHAN RUNITA DILIP	Parallel Processing	A Parallel approach for JAVA using Open MP	JAVA, Open MP	
	DHAIGUDE AMRUTA				
	GANGAWANE BHAGYASHREE S.				
	GANGURDE PRATIMA SUNIL				
G19	NIKET JAIN	Android Development	Implementation of Automated and Intelligent Android Application for CAR parking System	Embedded systems / JAVA, PHP	
	SANKET BAGAD				
	SHRADHA CHAVAN				
	DHERAJ AHIRE				
G20	AKSHAYA WATPADE	Cloud Computing	A Novel Approach to Enhancing Concurrent and Independent access to Cloud Database	Security / JAVA	
	KAVERI GOJARE				
	ARCHANA TAPASE				
	OMINI MUSALE				
G21	PRIYANKA KHEMNAR	Cloud Computing	Biometrics Approach For Confidentiality in Cloud Computing	Biometrics / JAVA	
	SAMIKSHA PATIL				
	RAJSHRI AHIRE				
G22	WADEKAR ANIL	Data Mining	Inhalt Based Video Recuperation System Using OCR & ASR Technologies.	JAVA	
	BHUSARE PRANALI				
	Danish Shaikh				
	NATASHA MODI				


Prof. B. S. Chaudhari
 Project Coordinator


Prof. A. D. Potgantwar
 Head (CE & IT)