DEPARTMENT OF INFORMATION TECHNOLOGY

Activities – July 2016 Onwards

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1. Publications:

- A Journal paper on **"Collaborative Trust Based Model for Peer to Peer System"** published by Dr.Mrs.Shalu Chopra, in IEEE International Conference on Computing, Communication and Automation organized by School of Computing Science Golgotha's April 2016, ISBN: 978-1-5090-1666-2.

- A Journal paper titled **"Survey on Anonymization Technique for Privacy Preserving Data Mining (PPDM)"** published by Dr.Mrs.Shalu Chopra in International Journal of Innovative Research in Computer and Communication Engineering (An ISO 3297: 2007 Certified Organization) Vol. 4, Issue 11, November 2016   ISSN(Online): 2320-9801   ISSN (Print): 2320-9798.

- A Research paper on **"Cloud-Based Information Security and Privacy in Healthcare"**, was published by Mrs. Smita Jangale in IJCA, September 2016, ISBN: 973-93-80894-40-3.

- A Research paper on **"Information Security and Privacy in Healthcare",** was published by Mrs. Smita Jangale, in IJA-ERA, Volume-2, Issue-9, January-2017, ISSN: 2454-2377.

- A Research paper on**"Shadow Detection Of Static Images by Innovative Thresholding Approach"** published by Mr.Manoj Sabnis, in International Conference on Inventive Computation Technologies (ICICT 2016)" organized by RVS Technical Campus, Coimbatore, TamilNadu, 26 -27 August 2016, IEEE and IRO (Indian research organization),ISBN:978-1-5090-1285-5,DVD ISBN:978-1-5090-1280-1,(PoD) ISBN:978-1-5090-1286-2.

2. Student Workshops and Faculty Development Programme:

July 2016 - Oct. 2016 (Odd Sem)

Workshops attended by Students

Sr. no.	Date	Event	Conducted by	Target Audience
1	03/10/2016	Workshop on Business Intelligence	Mr. Vinaykumar Lad, Sr.Manager , Capgemini.	T.E. INFT. Students
2	30/09/2016	Workshop on OOP	Mr. Sujeer Shetty, Manager, Capgemini.	S.E. INFT. Students.

Workshops attended by Faculty

Sr. no.	Date	Event	Conducted by	Target Audience
1	21/06/2016 to 25/06/2016	ISTE FDP Research Advancer in IOT	RAIT Nerul.	Mrs. Roopkala Ravindran.
2	27/06/2016 to 01/07/2016	ISTE STTP on Raspberry PI , Python and IOT.	Fr.CRCE, Bandra	Ms. Sukanya Roychowdhury

Events attended by Students

Sr. no.	Date	Student name	Event	Conducted by
1	20th August 2016.	Raj Ramchandani and Sumeet Sapla . (T.E. INFT.)	426th rank in TCS in TCS Codevita (Global competition)	TCS
2	20th August 2016.	Raj Ramchandani and Sumeet Sapla. (T.E. INFT.)	2nd rank in VESIT in TCS Codevita (Global competition)	TCS
3	3rd March 2017.	Rahul Shetty. (T.E. INFT.)	371st rank in Hack rank.	Hackrank.com
4	1st and 2nd October 2016.	Radhika Raghuwanshi and Vaibhav-Goyal . (T.E. INFT.)	1st rank in Web-a-thon.	Techzilla
5	20th March 2017. Technology Day.	S.E, T.E., B.E. INFT Students.	Expert lecture on Topic Math's and Statistics . Dr. Vishwesh Vyawahare , RAIT Nerul	VESIT

Jan. 2017 – April 2017   **(Even Sem)**

Workshops attended by Staff

Sr. no.	Date	Event	Conducted by	Attended by
1	5th to 11th January 2017.	FDP on "IT Innovations"	VESIT.	VESIT staff.
2	21st to 25th November 2016.	STTP on "Big Data Analytics"	M.H. Saboo Siddik College.	Mrs. Asha Bharambe
3.	14th-15th January-2017	Seminar on "TechNext2017"	IIT-B.	Mr. Amit Singh
4.	5th to 10th December 2016	STTP on "Cyber Security Tools & Techniques"	Shah & Anchor College of Engineering.	Dr. (Mrs.) Shalu Chopra
5.	19th to 23rd December 2016.	Workshop on "Technology Convergence and its Practice"	Sardar Patel Institute of Technology.	Mrs. Asha Bharambe

Technology Day

20ᵗʰ March 2017 (Time: 10.30 am to 3.00 pm)

Department of Information Technology, celebrates 20ᵗʰ March 2017 as **'Technology Day'** to showcase the talent of our students. Our department aims to recognize, promote and motivate students towards working and innovating in multidisciplinary fields. This would help them transform businesses and industries by analyzing data, re-inventing business processes and operations.

Following events were conducted on this day:

Event 1: Expert Lecture: Expert lecture on Topic Math's and Statistics was arranged for students of second year, third year and final year students. Speaker for session was Dr. Vishwesh Vyawahare RAIT Nerul , Navi Mumbai. This Session was held in Room no. 523 from 10.30 am to 12.30pm.

Event 2. Final Year Project Presentation: In this event, six best project groups of final year class (B.E.) (D20), demonstrated their projects. This event was held in Lab 505 from 12.45 pm to 3.00 pm. The event was reviewed by Rohini Swant,Yogita Mahajan and Divya Bora .

Event 3. Poster Presentation: As a part of this activity fourteen teams from third year (D15) and one team from second year presented posters on different advanced topics in Information Technology. This event was judged by Mrs. Roopkala Ravindran and Mrs Richa Sharma.

Schedule for Technology Day:

Activity	Venue	Class	
Expert Lecture	523	Second year, Third year and Final Year	**Speaker**
			Dr. Vishwesh Vyawahare
Final Year Project Presentation	505	Final Year	**Project Name**
			Smart Switch
			Math Runner
			Hand Gesture
			College Chat Bot
			Study Mate
			Checkpoint
			Trackologic
Poster Presentation	509	Third Year and Second Year	**Title**
			Guideline Checker for C
			Smart Waste Management System
			Stock Market Prediction
			Speaker Recognition
			Multilingual Sentiment Analysis
			Disease Diagnosis System
			House 2 Home
			Cricket Win Predictor
			Word-art
			Movie Recommendation System
			Artificial Intelligence with Android
			Admission Process

			Cryptography On Android App. Using end to end encryption in Message app

Winner List:

Event Name: Final Year Project Presentation

Sr.No.	Name of the student	Title of the project	Rank
1	Hitesh Ahuja Vikas Idnani Rajat Mourya	Smart Switch	1
2	Rupesh Chavan Tejas Dond Vineet Hariharan Pawan Gidwani	Math Runner	2
3	Kriti Heda Raunak Khithani Atharva Kulkarni Vedant Choudhary	Hand Gesture	3

Event Name: Poster Presentation.

Sr No.	Name of the student	Title of the project	Rank
1	Murlidhar Sharma Ishita Bhatnagar Guideline Checker for C	Guideline Checker for C	1
2	Raj Ramchandani Sumeet sapla Pawan Tilwani	Smart Waste Management System	2
3	Abhinav Valecha Anjali Wani Rajeevkumar Yadav	Stock Market Prediction	3

<ins>Faculty Development Programme</ins>

July 2016   "Arohan"

A one week Faculty Development Programme, 'आरोहण', was held at Vivekanand Education Society's Institute of Technology from 4th July to 9th July, 2016. The FDP provided a wonderful opportunity to faculty members for augmenting and elevating their effective conversation skills, team building skills and multiple intelligence. The Programme also envisioned to cultivate the acquaintance of the participants with the importance of good health and autonomy. It was attended by all the faculty members of department of Information Technology and other faculties of the college.

Day 1 and Day 2

4-5 July 2016

Effective Conversation

Distinguished speakers Dr. Prince Augustine, Executive Vice- President, Human Capital and Leadership Department and Dr. Nandakumar both from Mahindra and Mahindra Group enlightened the participants on a usually untouched topic of 'Capability Building'. Though the participants were from diverse academic background and age group, they showed equal acute interest in contents of the programme, specifically towards effective listening, asking powerful questions and giving and receiving feedback. In today's era of innovations in communication technology, effective and skilful use of communication tools has become mandatory for the faculty in Engineering Colleges as effective conversation skills largely regulate the success of the teaching –learning process regardless of the technical knowledge and proficiency of the faculty. The sessions enabled all the teachers to apply the principle of effective conversation in day to day teaching learning process which included apposite teaching, methods of class control, participative learning etc. The speakers had also included a lot of interesting activities to help the faculties to evaluate their present communication styles and build conversational bridges at work, get their point across and steer discussions in the right direction.

Day 3

7 July 2016

Multiple Intelligence

On third day, Mr Y. Dattatreya, Leadership and Od Consultant, acquainted the faculty with the theory of multiple intelligence and how it can be competently used to cater the needs of different types of students. The theory suggests that the traditional notion of intelligence, based on I.Q. testing, is far too limited. He highlighted one of the most fundamental feature of the theory i.e. it provides eight different potential pathways to learning. He also recommended innovative and ingenious ways for teachers to facilitate effective learning rather than relying on the more traditional linguistic and logical ways of instruction

.Learning was made fun with several fun filled activities like MI Test, which the participants thoroughly enjoyed. It also assisted them to know their personality types and the areas where they require improvement.

Day 4

8 July 2016

Health is Wealth

Educators undoubtedly make a gigantic impact on their students – however, because of their busy schedules and standing for long hours, they face many challenges, which may result in low back, neck and shoulder pain; headaches, insomnia and stress. The resource person Mr. Puneet Anand from Integre Advisory Group started his discussion with the very basic idea of importance of maintaining good health for the persons belonging to teaching profession. He emphasized that only a strong mind and healthy body makes a complete person. The next session was taken by Dr. Kavita Puri, Medical Coordinator, Good Health Foundation. She accustomed the faculty with the occupational health hazards of teaching profession like aching and tired legs, varicose veins, spondylitis etc. She also demonstrated some of the exercises which can be really helpful to get rid of lassitude and fatigued muscles. It was followed by a medical health check-up of all the faculties. The post lunch session was taken by Dr. Nair who is a very renowned Orthopaedic Surgeon from Zen Hospital. He delivered a health talk on prevention of osteoarthritis & osteoporosis.

Day 5

9 July 2016

Yoga and Autonomy

The fifth day started with a yoga session organized by Ami Yoga Solutions Private Limited. Before beginning the Asanas and various breathing exercises, the yogacharya pin pointed the importance of yoga in our day to day life and how it offers a holistic rejuvenation to our body, mind and soul. Various Asanas were demonstrated which are really helpful for the teaching faculty like Surya Namaskar, Pawan puktasan, Shawasan etc. She also explained the right manner in which they should be done, the precautions to be taken and the likely effect they have on the body and mind. All the Asanas and Pranayamas were enthusiastically done by the faculty members. The second session was handled by Mr.,from, who had familiarised the faculty with the concept of 'Autonomy' and its effect on management, faculty, staff and students. The post lunch session was jointly taken by Mr. Abhay Kshirsagar, Associate Professor, Electronics Department and Dr. C.D.Rawat, Associate Professor, Electronics and Telecommunication Department. They had given a power point presentation on the current status of work done so far for attaining autonomy .

Finally, the Faculty Development Programme came to a close, with a vote of thanks proposed by Prof. Kadambri. All the faculty members found the sessions very enlightening and expedient as the discussed areas match with the requirements of their current working domain.

January 2017

"IT Innovations "

3. Skill Enhancement Lectures:

July 2016 - Oct. 2016

Experts from Industry and Research Organizations were invited to give an edge to our students. Details regarding these lectures are given as follows:

SR No	Date	Subject	Topic Detail	Conducted By	Attended
1	03/10/2016	ADBMS	Workshop on Business Intelligence	Mr. Vinaykumar Lad, Sr.Manager , Capgemini.	T.E. INFT. Students
2	30/09/2016	OOPM	Workshop on OOP	Mr. Sujeer Shetty, Manager, Capgemini.	S.E. INFT. Students.
3	17/10/2016	DSAA	Analysis of Algorithms	Mr. Rugved Deolekar, Asst. Prof. in VIT.	S.E. INFT. Students.

Jan. 2017 – April 2017

SR No	Date	Subject	Topic Detail	Conducted By	Attended
1.	08/04/2017	AIT	Web Security	Mr. Tayyab Falk	T.E. INFT. Students.

Program Assessment Committee (PAC)

Report for Even Sem 2017: