



Sandip Foundation's
Sandip Institute of Technology and
Research Center, Nashik.

E-Bulletin

March 2018

Staff Co-ordinator:

Prof. Pravin R. Pachorkar (Information Technology)

Student Co-ordinator:

Anuja D. Tupe (TEIT)

Department of E & TC

E-BULLETIN OF March

Event Details

**Two Days International Workshop on “EMERGING TRENDS IN
ENGINEERING & NETWORKING”**

Event Date: - 23rd - 24th February 2018

Event Title:- Two Days International Workshop on “EMERGING TRENDS IN
ENGINEERING & NETWORKING”

Name of resource person:-

Chief Guest:

Mr. Manohar Shirode, Director, Crompton Greaves Ltd, Jakarta Division, INDONESIA

Speakers:

1. Dr.Mindaugas Kurmis

Head of Information Engineering Programmes, Klaipeda University, Lithuania

2. Dr.Sergej JAKOVLEV

Associate Professor, Informatics and Statistics Department, Klaipeda University, Lithuania

3. Dr. Ashish B. Jirapure

Department of ETC Engg, Priyadarshini College of Engineering, Nagpur

4. Dr. Pranav Lapsiwala

Department of EC Engg, Sarvajanic College of Engineering & Technology, Surat

Name of Event Coordinator:

Prof. Dr. Sanjeev Sharma E&TC Department, SITRC, Nashik

Prof. Jagdish Patel, E&TC Department, SITRC, Nashik

Objectives:

The prime objective of organizing this workshop is to bring experts and researchers from Academia, R&D centers and industries working in the emerging fields of engineering & networking together and provide them a platform for interacting and sharing their research findings.

Photographs



Principal Dr. S.T. Gandhe Addressing the session





"Parents Meet 2018"

Event Date: -24th March 2018

Event Title: "Parents Meet 2018"

Objectives:

1. To create awareness among parents regarding the progress of the students.
2. To have interaction among staff members and parents.
3. Role of parents for the academic success of students.
4. To felicitate the topper and placed students for achieving success in various exams and activities carried out in previous semester by their parents.
5. To take suggestion from parents about the department and the institute.
6. To discuss NAAC, its criteria and its importance for students as well for institute with parents.
7. Discussion on students project and its important for students.

VENUE: B-Building Class Room No. 10 (E&TC Department)

CONDUCTED BY : Staff of the E&TC Department

Photographs



DEPARTMENT OF ELECTRICAL ENGINEERING

Academic Year 2017-18

Report on Industrial Visit

Event Title: Industrial visit to Traction Machine Workshop, Eklahare, Nashik

Event Date: 10th March 2018

Event Conduction Duration: 11.00 am to 3.00 pm

Event Venue: Traction Machine Workshop, Eklahare, Nashik

Event Resource Person Details: 1. Mr. Srinivas 2.Mr.V.L. Wankhede
3.Mr.B.L. Chaudhary

Name of Event Co-ordinator: 1.Asst.Prof. A.V.Satpute

2. Asst.Prof.D.Badgujar

Name of Faculty Visited: Asst. Prof. Vikas Gaur, Prof. Monika Bishi

No of Student Participant: 39-SE

Event Objective:

- To understand energy conversion process.
- To understand selection of machines for specific applications.
- To test & analyse the performance of machine.
- To understand the construction, principle of operation of Transformers, DC Machine & Induction Machine.

Event Outcome:

1. Students got a chance to experience the industrial working culture.
2. Students understood the working, operation, construction, repair and maintenance of different types of machines.
3. Further they came to know about different type testing on motor, manufacturing reactor, traction machine workshop of traction motors, winding arrangement, process, types of insulation and smoothing.



Staff and Student , Electrical Engg Dept, SITRC at Traction motor workshop Nasik Road



Mr. Srinivas having introduction with the students



Mr. Chaudhari explaining dc motor armature



Mr. Chaudhari explaining construction of stator of dc motor

Report on Industrial Visit

Event Title: Industrial Visit at 500KV HVDC Terminal Padghe Dist Thane

Event Date: 28 March 2018

Event Conduction Duration: 10:00 am to 2:00 pm

Event Venue: 500KV HVDC Terminal ,Padghe ,Dist Thane

Event Resource Person Details: Er. Sunil Shenava Dy. Engineer

Name of Event Co-ordinator: Prof. D. S. Badgujar

Prof. R. B. Sadaphale

No of Participants: 47 Students and 02 Staff

Event Objective:

- HVDC Substation layout , HVDC Switch yard
- DC to AC Converter unit of 500MVA Capacity
- HVAC substation layout, HVAC switch yard

Outcome: Students learn from this visit

The **Chandrapur–Padghe HVDC transmission system** is an HVDC connection between Chandrapur and Padghe (near Mumbai) in the state of Maharashtra in India, which was put into service in 1999.

It connects the coal-fired Chandrapur Super Thermal Power Station to the major load Centre of Mumbai. The project has a 752 kilometers (467 mi) long bipolar overhead line. The transmission voltage is ± 500 kV and the maximum transmission power is 1,500 megawatts. The scheme uses thyristor valves, arranged in a single twelve pulse bridge per pole. The project was built by ABB and BHEL, and is owned by Maharashtra State Electricity Board (MSEB).

The eastern (Chandrapur) converter station is located 20 kilometres (12 mi) from the Chandrapur back to back HVDC station. The close proximity of the two converter stations meant that the control systems needed to be carefully coordinated, a task made more challenging by the fact that the two stations were built by different manufacturers.

The converter station is located 20 kilometres (12 mi) from the eastern terminal of the Chandrapur–Padghe HVDC transmission system. The close proximity of the two converter stations meant that the control systems needed to be carefully coordinated, a task made more challenging by the fact that the two stations were built by different manufacturers. To address this problem a series of joint simulation studies, involving the control equipment from both converter stations connected to a common simulator, was performed.

On 31 December 2013, the Northern, Eastern and Western grids were synchronized with the Southern regional grid, creating a single synchronous AC grid over the whole of India. As a result, the converter station is no longer required for its original purpose of asynchronously linking the Western and Southern grids, although it can still be used as an embedded power flow device to help control power flow within the AC system. The stations could potentially be shifted to elsewhere to export/import power from other countries. Sometimes the excess power fed to the southern grid by this HVDC link is flowing back to Western region through the 765 kV AC lines between Southern grid and the Western grid with futility





Students and Faculty of Electrical Engineering ,SITRC



Report on Parents Meet

Event Title: Parents Meet

Event Date: 31st March 2018

Event Conduction Duration: 11.00 am to 1.30 pm

Event Venue: Electrical Engg Dept, Power Electronics Lab, E-Building, SITRC.

Name of Event Co-ordinator: Prof.N.S.Patil, Prof.R.B.Sadaphale,
Prof.A.V.Satpute

No of Parents Visited: 15

Event Objective:

- 1.Interaction with Parent and there expectation.
2. Activites condcuted in department and plan for next academic year.
3. Feedback from the parents.
4. Training and Placement Activities.

Outcome:

- 1.Progress of Students conveyed to parents through attendence and Unit test marks.
- 2.Difficulties faced by students in subjects.
- 3.Parents suggested to give more stress on Technical Software skill.



Prof.Dr.P.G.Burade, Head of Electrical Engg Dept, having interaction with Parents.



Prof.N.S.Patil giving information about the Events conducted in Department

Department of Computer Engineering

Event 1/2

Topic for Workshop: “Embedded Systems & IOT”

Aim: In Depth study of Embedded Systems & IOT

Date: 23rd March 2018

Objective:

4. To understand fundamentals of IoT and embedded system including essence, basic design strategy and process modeling.
5. To introduce students a set of advanced topics in embedded IoT and lead them to understand research in network.
6. To develop comprehensive approach towards building small low cost embedded IoT system.
7. To understand fundamentals of security in IoT.
8. To learn to implement secure infrastructure for IoT
9. To learn real world application scenarios of IoT along with its societal and economic impact using case studies

Name of Program: Embedded Systems & IOT

Venue: “C” Building Computer Engineering Department.

Name of Resource Person: Mr. Tushar B Kute (MITU Skillogies, Pune)

Conducted by: Prof. Rajlakshmi Saner

Audience: TE Students and faculties of Computer Department

Outcomes:

- Implement an architectural design for IoT for specified requirement.
- Solve the given societal challenge using IoT.
- Choose between available technologies and devices for stated IoT challenge.

Resource Person had already conducted an expert lecture previously for same students. Therefore, students were already familiar with the expert faculty. The Resource person was felicitated by Prof Sankosh Kumar and Prof Sandip Walunj from Computer Department. A student coordinator introduced Resource Person, Mr. Tushar B Kute (MITU Skillogies, Pune). The session was very interactive and lively. Our expert faculty taught the students of TE about the various concepts in the field of Embedded Systems and IOT. They explained the terms logically which helped the students understand the topic more easily. Session ended up with vote of thanks.

We can conclude from students reply that this session has helped them know about the Embedded Systems and IOT and its need in todays market. This knowledge is not only helpful for enhancing the students technical abilities, but also for training and placement activity since many companies work in the similar field.

Workshop on “Embedded Systems & IOT” was successfully conducted and coordinated by Prof. Rajlakshmi Saner on 23rd March 2018 at Seminar Hall - 'C' Building – Computer Engineering Department, SITRC. There were around 140 students including both divisions of TE students of Computer engineering.

Photographs





Mr. Tushar Kute Conducting Session



Students Attending the session

Event 2/2

Topic for Expert Lecture: “**Applications of Cutting Edge Technologies in IT Industry**”

Aim: In Depth study of Cutting Edge Technologies

Date: 16th March 2018

Objective:

10. To understand fundamentals of Cutting Edge Technologies.
11. To introduce students a set of advanced topics in Cutting Edge Technologies and lead them to understand research in the field.
12. To develop comprehensive approach towards building small low cost Cutting Edge Technologies.
13. To learn real world application scenarios of Cutting Edge Technologies along with its societal and economic impact using case studies

Name of Program: Applications of Cutting Edge Technologies

Venue: Project Lab, “C” Building Computer Engineering Department.

Name of Resource Person: Mr. Anand P. Shirsath (Arete Technology, Nashik)

Conducted by: Prof. Rajlakshmi Saner

Audience: BE Students

Outcomes:

- Implement an design for Cutting Edge Technologies for specified requirement.
- Solve the given societal challenge using Cutting Edge Technologies.
- Choose between available technologies and devices for stated Cutting Edge Technologies challenge.

Expert Lecturer was felicitated by Prof Santosh Kumar and Prof Sandip Walunj from Computer Department. Prof. Rajlakshmi Saner introduced Expert Lecturer, Mr. Anand P. Shirsath (Arete Technology, Nashik). The session was very interactive and lively. Our expert faculty taught the students of BE about the various concepts in the field of Cutting Edge Technologies. They explained the terms logically which helped the students understand the

topic more easily. Session ended up with vote of thanks.

We can conclude from students reply that this lecture has helped them know about the Cutting Edge Technologies and its need in todays market. This knowledge is not only helpful for enhancing the students technical abilities, but also for training and placement activity since many companies work in the similar field.

Expert lecture on “Applications of Cutting Edge Technologies in IT Industry” was successfully conducted by Prof Rajlakshmi Saner on 16th March 2018 at Project Lab - 'C' Building – Computer Engineering Department, SITRC. There were around 40 students of BE students of Computer engineering.

Photographs



Prof Santosh Kumar and Prof Sandip Walunj felicitating our expert faculty – Mr. Anand P. Shirsath Sir and Team
(1)



Prof Santosh Kumar and Prof Sandip Walunj felicitating our expert faculty –
Mr. Anand P. Shirsath Sir and Team (2)



Mr.

Anand P. Shirsath Sir conducting the expert lecture



Students attending the session

Department of Engineering Sciences and Humanities

Date: 24th March 2018

Name of Event: Project Competition

Location: FE Staff Room A- Building

Number of Participant: 25+ Team

Department of Engineering Science and Humanities (F. E.) of Sandip Institute of Technology & Research Centre has organized Project Competition for First year student on 24th of March 2018.

This event was inaugurated by HOD (E & TC) DR. G M Phade.

All Subject Faculty and Staff were present during Presentation. More Than 25 Project were presented by student. Student Shows Their Creativity by their project and most important is that all project were from different Different field like some of them from computer application, some mechanical, electrical and some are the real life related project

Judge Of Event:-

14. Prof Subhayan Gangopadhyay (Civil)
15. Prof Spandan Chatterjee (Electrical)
16. Prof Kavita Patil (E & T C)

First Position :-

Name of Project:-Control storage unit prototype for ware house & store Houses of grains

Name of student:-

- 1) Sanket Prashant Patil (FE-C)
- 2) Eeshani Chirojjwal Chatterjee (FE-D)
- 3) Anurag Arvind Shettigar (FE-D)
- 4) Anusha Rajendra Chouksey (FE-C)

Second Position:-

Name of Project:- Design & Development of Drone for Spraying of pesticides in Farm.

Name of student:-

- Vedant Pathak (FE-C)
- Yesh P Bhanghale (FE-A)
- Roshan N Patil (FE-C)
- Swami Kasar (FE-C)

Third Position:-

Name of Project:- 3 D Hologram

Name of student:-

- Aditi Upadhayay (FF-C)



Inauguration of Project Competition by Dr. Gayatri M Phade (HOD, E&TC)





Date: 11th April 2018

Name of Event: **Mahatma Jyotirao Phule Jayanti**

Location: FE Staff Room A- Building

Number of Student: 50+

Department of Engineering Science and Humanities (F. E.) of Sandip Institute of Technology & Research Centre has organized **Mahatma Jyotirao Phule Jayanti** on 11th April 2018.

Chief Guest of this event was Prof Dr S T Gandhe (Principal SITRC).

Prof Dr P Bhavisker (Dean Academic SITRC) Prof Dr R K Patil (Dean Admin), and all departmental Hod's and all Subject Faculty and Staff of FE were present during inauguration of this event .

Photos.....



Date: 24th March 2018

Name of Event: Parent Teacher Meet (PTM)

Location: FE Staff Room A- Building Class Room

Number of Participant: 150 + Parents

Department of Engineering Science and Humanities (F. E.) of Sandip Institute of Technology & Research Centre has organized Parent Teacher Meet for First year student guardian on 24th of March 2018.

All Subject Faculty and Staff were present during Parent Teacher Meet for clarify the parents Question

Department has arrange Tea and Snacks arrangement for parents.

Around 150+ parents were present during Parent Teacher Meet.



Interaction with Parents By Faculty Members



Interaction with Parents By Faculty Members



Department of Information Technology

Report of Parents Meeting

Name of Program: Parents Meeting

Venue: Digital Laboratory, IT DEPARTMENT

A One Day Program of '**Parents Meeting**' was successfully conducted on Thursday, **01st March 2018** at Digital Laboratory, Information Technology Department, SITRC. Parents Meeting Conducted for Second & Third Year class of Students. There were around 20 Parents attended the meeting. Meeting Started with the Introduction of Department by the Head of Department Dr. P.R. Bhaladhare, Sir gave all the information about departmental goals and objectives towards students. How Department

Contributed for students with taking different activities for them, sir discussed on points where department focused on the development of students in every field. For students, we provided different projects papers which are on different platforms so that students get comfortable with it and get the idea from it to develop their last year project from it. Department Mostly focused on their projects so that Students got good opportunities from it.

Dr. V.N. Waghmare briefed about all the Academic which are conducted in department, Prof. M.C. Nikam gave the information regarding Examination Process, its Pattern, and Result of Students. The Overall Performance Depends on the students Performance throughout their academics. So, for that department gave their total contribution for students by the way of academics. Prof. J.H. Borse and Prof. S.S. Rajebhosale discussed students performance and behavior towards academics. Prof. P.R. Pachorkar gave information of how we nurture students for their project work and its development, how we took different activities for the students for their overall development regarding their Project, so that students attended different conferences for their growth. Sir Briefed about the students who got a patent file for their Projects.

Lastly, Prof. V.D. Patil, Training and Placement coordinator of department gave the information regarding their activities. How Training and Placement Cell contribute for students by taking different placement preparation activities. The importance of innovation in entrepreneurship is shown by coming up with new way to produce a product or a solution which is conducted in IEDC.





Report of Parents Meeting''

Name of Program: Parents Meeting

Venue: Digital Laboratory, IT DEPARTMENT

A One Day Program of '**Parents Meeting**' was successfully conducted on Thursday, **10th March 2018** at Digital Laboratory, Information Technology Department, SITRC. Parents Meet conducted of Final Year class of Students. There were around 19 Parents attended the meeting. Meeting Started with the Introduction of Department by the Head of Department Dr. P.R. Bhaladhare, Sir gave all the information about departmental goals and objectives towards students. How Department Contributed for students with taking different activities for them, sir discussed on points where department focused on the development of

students in every field. For students, we provided different projects papers which are on different platforms so that students get comfortable with it and get the idea from it to develop their last year project from it. Department Mostly focused on their projects so that Students got good opportunities from it.

Prof. M.C. Nikam briefed about the entire Academic which are conducted in department, information regarding Examination Process, its Pattern, and Result of Students. The overall performance depends on the student's performance throughout their academics. For the same department gave their total contribution for students by the way of academics which will help them for their improvement. Prof. S.A. Khaire discussed student's performance and behavior towards academics and how we nurture students for their project work and its development, how we took different activities for the students for their overall development regarding their Project, so that students attended different conferences for their growth. Also discussed about the students who got a patent file for their Projects. And discussed on activities which will be conducted in coming days for overall grooming of the student.

Lastly, Prof. V.D. Patil, Training and Placement coordinator of department gave the information regarding their activities. How Training and Placement Cell contribute for students by taking different placement preparation and orientation activities. The importance of innovation in entrepreneurship is shown by coming up with new way to produce a product or a solution which is conducted in IEDC.



Prof. Mohan.C. Nikam interacted with parents

Report of “Node RED”

Name of Program: Expert Talk on “Node RED”

Venue: Classroom, IT Department.

Conducted by: IT Department.

Date of Program: 16th March, 2018.

Audience: Students of TE

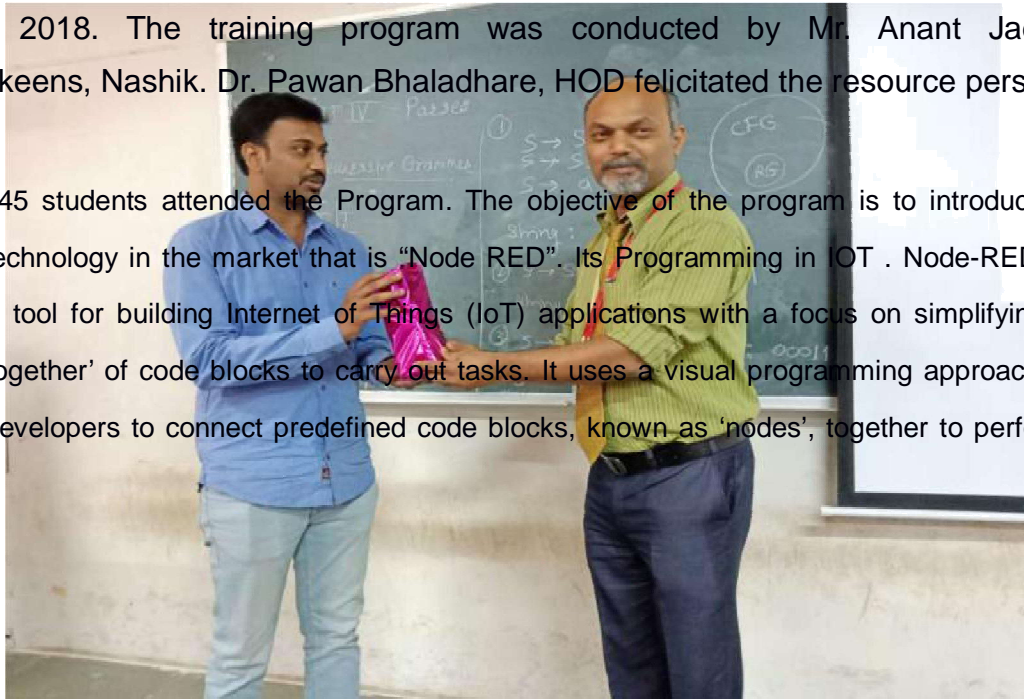
Resource Person: Mr. Anant Jadhav, Technokeens, Nashik

Outcome: Students Of TE got the knowledge of recent technology.

Sandip Institute of Technology & Research Center "Department of Information

Technology Organized” Expert Lecture on “Node RED” for the TE students on 16th March, 2018. The training program was conducted by Mr. Anant Jadhav, Technokeens, Nashik. Dr. Pawan Bhaladhare, HOD felicitated the resource person.

Around 45 students attended the Program. The objective of the program is to introduce the recent technology in the market that is “Node RED”. Its Programming in IOT . Node-RED is a powerful tool for building Internet of Things (IoT) applications with a focus on simplifying the ‘wiring together’ of code blocks to carry out tasks. It uses a visual programming approach that allows developers to connect predefined code blocks, known as ‘nodes’, together to perform a task.





Report of “Importance of communication skill in IT Industry”

Name of Program: Expert Talk on “Importance of communication skill in IT Industry”

Venue: Classroom, IT Department.

Conducted by: IT Department.

Date of Program: 16th March, 2018.

Audience: Students of SE

Resource Person: Mrs. Ashoo Gupta Khan, Assistant professor , SIEM.

Outcome: Students understood the importance of communication skills in IT industry

Sandip Institute of Technology & Research Center "Department of Information

Technology Organized” Expert Lecture on “Importance of communication skill in IT Industry” for the students on 16th March, 2018. The training program was conducted by Mrs. Ashoo Gupta Khan, Assistant professor, SIEM.

Around 45 students attended the Program. The objective of the program is to introduce the importance of communication in the IT industry. Communication is the heart of every organization. Everything you do in the workplace results from communication. Therefore good reading, writing, speaking and listening skills are essential if tasks are going to be completed and goals achieved. As you develop your career you will find various reasons why successful communication skills are important to you. Some Glimpses of the Expert Talk is as follows:



Report of “Introduction to Android”

Name of Program: Expert Talk on “Introduction to Android” under the activity of MoU with Arete Technology, Nahik

Venue: Classroom, IT Department.

Conducted by: IT Department.

Date of Program: 23rd March, 2018 (Friday).

Audience: Students of SE and TE

Resource Person: Mr. Anand Shirsath, Founder & CEO, Arete Technology, Nashik.

Outcome: 1. Students should be able to understand Android

.What are recent trends in Android.

.Introduction to design of Android Application

.To get benefit for android based project development

Sandip Institute of Technology & Research Center "Department of Information Technology Organized" Expert Lecture on "Introduction to Android" for the students on 23rd March, 2018. The training program was conducted under the activity of MoU and delivered by Mr. Anand Shirsath, Founder & CEO, Arete Technology, Nashik.

Around 50 students attended the Program. The objective of the program is to introduce android to students. Android is also associated with a suite of proprietary software developed by Google, including core apps for services such as Gmail and Google Search, as well as the application store and digital distribution platform Google Play, and associated development platform. Android has been the best-selling OS worldwide on smart-phones since 2011. Some Glimpses of the Expert Talk is as follows:



Report of “Awareness about internship and UG Fellowship program at foreign university”

Name of Program: Seminar “Awareness about internship and UG
Fellowship program at foreign university”

Venue: IT Class room ,SITRC.

Conducted by: IT Department

Date of Program: 27th March 2018

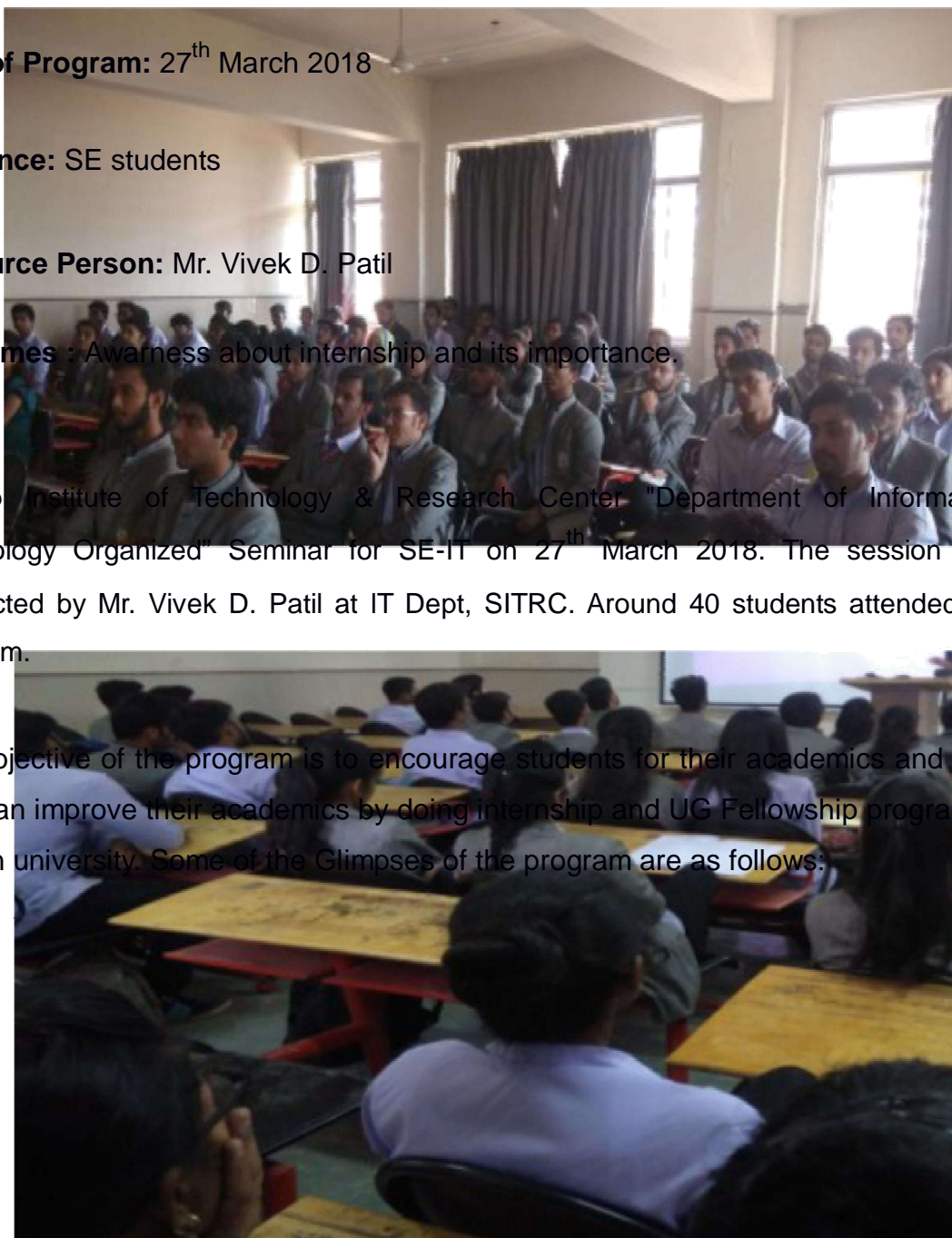
Audience: SE students

Resource Person: Mr. Vivek D. Patil

Outcomes : Awareness about internship and its importance.

Sandip Institute of Technology & Research Center "Department of Information Technology Organized" Seminar for SE-IT on 27th March 2018. The session was conducted by Mr. Vivek D. Patil at IT Dept, SITRC. Around 40 students attended the Program.

The objective of the program is to encourage students for their academics and how they can improve their academics by doing internship and UG Fellowship program at foreign university. Some of the Glimpses of the program are as follows:



Report of “Communication skill”

Name of Program: Seminar on “Communication skill”

Venue: Classroom, IT Department.

Conducted by: IT Department.

Date of Program: 21st March, 2018.

Audience: Students of BE

Resource Person: Mrs. Ashoo Gupta Khan, Assistant professor , Sandip University.

Outcome: Students understood the importance of communication skills in industry and how to prepare themselves for group discussion.

Sandip Institute of Technology & Research Center Department of Information Technology

Organized a seminar on "Communication skills" for the students on 21st March, 2018. The training program was conducted by Mrs. Ashoo Gupta Khan, Assistant professor, Sandip University.

Around 55 students attended the Program. The objective of the seminar is to introduce Importance communication skills which is essential for the successful future career of a student. In today's competitive world, communication skills in business are the most sought after quality of an educated person. Conduction of MOC group discussion helped the student to know themselves, also improved their confidence. The session was more interactive and activity based so that students can learn from their performance. Communication skills helps in improving career, enhancement in teamwork, collaborative attitude, professionalism in a student, social networking. By this they can face any interviews in their coming days. Reading, writing and listening carefully are the three most important communication skills for students., Some Glimpses of the session are as follows:

