

TECHNICAL EVENT REVIEW CELL (TERC)
ACCOMPLISHMENT REPORT

Academic Year: 2017-18



TECHNICAL EVENT REVIEW CELL REPORT (JUL 2017 - MAY 2018)

INTRODUCTION

The academic year for the odd semester started on 3rd of July 2017 with regular classes for students of First Year and Second Year. Regular classes for students of Third and Final Year started on 17th of July 2017. The academic year for the even semester started on 2nd of January 2018 with regular classes for students of First Year and Second Year. Regular classes for students of Third and Final Year started on 8th of January 2018. A total of 262 students from first, Second, Third and Final Year of all 3 branches were granted permission by TERC to participate in various Technical Events in Goa as well as outside states in this academic year and their details are as follows:

Name of the Technical Event/Workshop attended	Organized by	Date of Event	No. of Students attended		
			MECH	ECE	COMP
Techfest 2017	IIT-Bombay	24-25/9/17	1		
Tech Tatva'17	MIT-Manipal	5-6/10/17	1		
Techyon 2017	PCCE-Verna	13-14/10/17	1	9	13
Fighting My Bots	Tokyo-Japan	24-27/12/17	1		
Techfest 2k17	IIT-Bombay	29-31/12/17	1		
SCI-FFI 2018	ESG Complex-Panaji	15-19/01/18	1		
IET-PATW zonal round competition	AITD	02/02/18	3	2	14
BizFest 2018	GEMs	8-10/02/18	15	14	19
Saavyas	National Institute of Technology-Farmagudi	15-17/02/18	1	5	
Robotics workshop	ECE Dept-AITD	15-16/02/18	11	70	24
SJ Innovation LaunchPad 2018	DBCE-Fatorda	22/2/18			4
PCB Designing workshop	SRIET-Shiroda	23-24/02/18		6	
Wipro Earthian Sustainability Quiz	GIM, Goa	24/02/18	6	3	5
College Scapes	SV Shridora Caculo College-Mapusa	27-28/02/18		1	1
IET-PATW	MEFGI, Rajkot-Gujrat	24/3/18	1	1	
Plethora 18	Maratha Mandal Engineering College-Belgavi	25-26/03/18	17		
Odyssey 2018	Jain College of Engineering-Belgavi	08 - 09/4/18	8	3	
Total			68	114	80

Internship Program conducted:-

A 2-weeks hands-on Internship Programme on ‘Internet of Things (IoT)’ was organized by the Entrepreneurship Cell of AITD from 3rd -14th July 2017. The IoT refers to the connection of devices to the *Internet*. It was conducted by Innovians Technologies Pvt Ltd, Bangalore under the guidance of Mr. Ashok Kumar. The main objective of the internship training was to make the students acquainted with the conceptual as well as practical knowledge of IoT- Internet of Things. 31 students successfully completed the internship.



Newspaper clipping

Accolades won by our students in various technical competitions participated:

1. Tech Tatva 2017

Team Phoenix comprising of Shridhar Shirodker, SE Mechanical and other students from various engineering colleges in Goa won 1st Runners up at the Robowars competition held during Tech Tatva 2017 organized by Manipal Institute of Technology.

2. Fighting My Bots at Tokyo

Team Phoenix comprising of Shridhar Shirodker, SE Mech and his teammates won 1st Runners up at the Robowars competition held during Fighting My Bots at Tokyo. The team won a cash Prize of 2.3 Cr.



3. Saavyas 2018

Team Phoenix comprising of Shridhar Shirodker, SE Mech and his teammates won 1st Place for Robowars, Robo Race, Robo soccer and Line follower competition held during Saavyas 2018 organized by NIT-Goa.



Winner Certificate



4. SCI-FFI 2018

Vidnyan Parishad, Goa, a unit of Vijnana Bharati invited the Team Phoenix comprising of **Mr. Shridhar Shirodker, SE Mech** and students of other Engineering colleges from Goa to conduct a 3-day workshop on Robotics at the SCI-FFI event in the month of January 2018.

Date: 10th January, 2018

To,
The Principal,
Agnel Institute of Technology & Design
Assagaon, Goa

Sub: Deputation for volunteering at Science Film Festival (SCI-FFI 2018) in Goa


Respected Sir
Science films are a very easy and effective medium to further the cause of science as it has the largest potential to attract students to science. To further the cause of science among the student community, we are organizing the 3rd edition of Science Film Festival of India, SCI-FFI 2018, in ESG complex, Panaji, Goa, from 16th to 19th January 2018.

The event is organized by Vidnyan Parishad-Goa, which is a registered not for profit society and the members work voluntarily to promote science in Goa. To organize such a big event, we depend completely on volunteers as the event is a volunteer driven event. We would like therefore request you to permit: **Shridhar Shirodkar** to volunteer for the SCIFFI from 15th-19th Jan, 2018 on full time basis to enable them to conduct a robotics workshop and organize the National-level Robotics competition '**Build-A-Thon**'.

We hope that you will consider the request favourably and allow your student to volunteer for the event and make this event which strives to promote science and scientific temperament for nation building, a successful one.

Thanking You,

Yours Faithfully


Saiteesh Gandhi
Secretary, SCI-FFI

Enclosures: 1. Brochure
2. Education Dept's circular

5. Happenings 2018 Runners Up

AITD won the 1st Runners Up at Happenings 2018 organized by Goa College of Engineering at Dr. Shyama Prasad Mukherjee Stadium, Bambolim. This was the first time that the students of AITD were allowed to participate in inter collegiate cultural events. Around 70 students from various departments participated in the various events conducted at Happenings.



Happenings Team

6. The Institution of Engineering and Technology's (IET) Present Around The World (PATW) Competition



**Mr. Mark Rodrigues, SE Mech,
presenting his topic to the jury**



**Mr. Elanton Fernandes, BE ECE,
presenting his topic to the jury**

The Institution of Engineering and Technology's (IET) Present Around The World (PATW) is a global competition for Young Professionals and Students within Engineering to develop and showcase presentation skills. The participants, had to deliver a 10 minutes presentation on any engineering or technology related area. The Computer Engineering Department at AITD conducted the Preliminary Round of PATW (Goa University Level) on 3rd February 2018 wherein 19 students participated. The Winner and Runner up of the event were,

1st Place: Mr. Mark Rodrigues (SE, Mechanical, AITD)

2nd Place: Ms. Elanton Fernandes (BE, ECE, AITD)

The Mumbai Local Network PATW Competition was held at MEFGI, Rajkot-Gujarat on 24th March 2018 in which winner and runner up from Goa, Mumbai, Dhule and Gujarat competed against each other. *Mark Rodrigues, secured the First Runners position* at the Mumbai Local Network PATW Competition.



**All the participants along with the
organizing team**

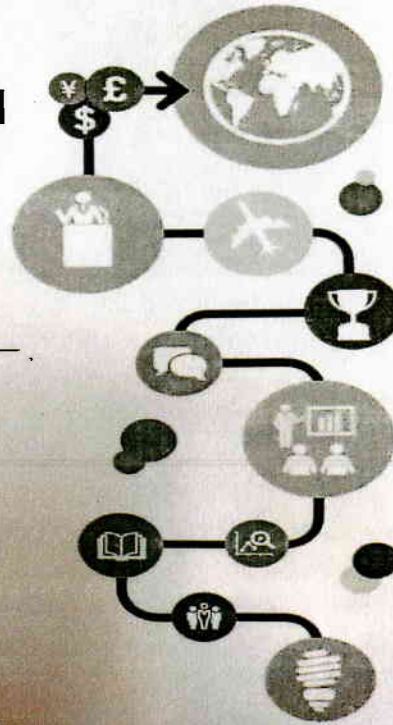


**Top 2 winners. Mr Mark Rodrigues, SE Mech
won the runners up.**




2017/18 Present Around The World Competition

This is to certify that
Mr. MARK RODRIGUES
is the runner-up of the
IET PATW Competition
Mumbai Local network level
held by
IET- Mumbai Local Network
on
24th March, 2018




Nigel Fine
IET Chief Executive and
Secretary


Jeremy Watson
IET President

www.theiet.org/PATW

Runners-up Winner certificate

7. Plethora 2018

The Team from Third Year Mechanical Engineering Department comprising of Shubham Fulari won the 1st Place and Aditya Gaunker, Gururaj Parmekar won the 2nd Place at Plethora '18 organized by Maratha Mandal College of Engineering-Belgavi.



1st and 2nd Place winners



Participating students from AITD



Winners certificate

8. Odyssey 2018

The Team from Third Year comprising of Nathaniel Duarte Braganza (Mechanical) and Pranjal Narvekar (ECE) won the 1st Place for 3D printing Competition at Odyssey'18 organized by Jain College of Engineering-Belgavi.



Participating students from AITD

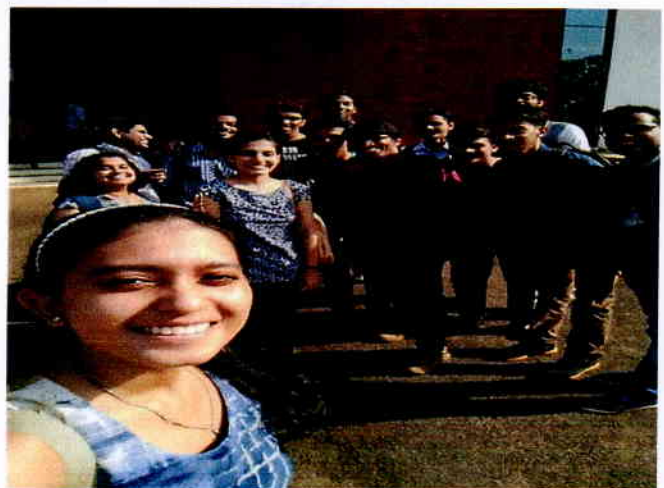


1st Place Winners Team



9. Wipro Earthian Sustainability Quiz

This year 14 students participated in the Wipro Sustainability Quiz 2K18 at Goa institute of Management, Sanquelim on the 24th February 2018.



10. 'Semicolons' Hackathon at PSL

'Semicolons', the annual 24-hour Hackathon organized by Persistent Systems Ltd., took place on 24th February 2018 across all branches of the Organization. The event commenced at 8.30 am with a short inauguration function. Computer Engineering Dept. students, **Peter Braganza and Ronan D'Souza** participated from the South Goa Branch as part of the **team "Crash Override"**. The problem statement chosen was "Smart Enterprise Monitoring System". Security cameras were integrated with the system to detect abnormal behavior within the enterprise. An Android application was also created to enable users to report such behavior. On successful detection, a notification was sent to the admin dashboard, where the admin could decide the required course of action. TensorFlow Library was used to train the system. Judging began at 9 am on 25th Feb 2018. Team "Crash Override" was one of the 6 teams that qualified for the second round of judging. The completion of the second round and declaration of the results marked the end of the 24-hour event.



Team "Crash Override"

11. Project Presentation at DTE

On the 3rd of November 2017, Directorate of Technical Education (DTE) held an event "Education-Industry Connect through project works of Engineering Students of Goa" so that students from the current Final Year batch could display their ideas and innovations on solutions that could help both the common man and the industry. There were 41 projects that were shortlisted out of 120 projects across all 5 Goan Engineering colleges. The students of AITD were *awarded the Second Place* at this project presentation competition. The project title was "*Object Identification and Quality Testing Using Machine Learning*" and the team of students consisted of *Elanton Fernandes, Heramb Bandekar, Ashutosh Harmalkar and Bradwel Pinto*. The projects were judged by a panel of technical experts and industrialists based on the innovation content in the idea, its application, feasibility and other parameters.



Goa Chamber of Commerce & Industry Certificate Merit : 2nd Place

Final Year Projects Presentation - Engineering College Students in Goa: 17-18

Awarded to

Project: Object Identification And Quality Testing Using Machine Learning

Electronics & Telecommunications Department of

Agnel Institute of Technology and Design


Students: Ashutosh Harmalkar, Bradwel Pinto, Elanton Fernandes, Heramb Bandekar


Faculty Guides: Harish Velingkar & Laxmikant Bordekar




Sandip Bhandare
President


D S Prashant
Project Director


Raghuveer Vernekar
Chair Education Committee


Ms. Nora Naik
TERC Faculty Incharge


Dr. V. Mariappan
Principal

