

TECHNICAL EVENT REVIEW CELL (TERC)
ACCOMPLISHMENT REPORT

Academic Year: 2018-19
(Odd Semester)



TECHNICAL EVENT REVIEW CELL REPORT (JUN 2018 - DEC 2018)

INTRODUCTION

The academic year for the odd semester started on 9th of July 2018 with regular classes for students of First Year and Second Year. Regular classes for students of Third and Final Year started on 16th of July 2018. A total of 351 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 semester 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
Goa IT-Day	DOIT-Goa	14-15/07/18		14	21
International Blockchain Congress	DOIT-Goa	05/08/18		17	65
State level Quiz on Environment (Preliminary round)	CII-Young Indians	23/08/18	4	4	4
Blockchain Technology and Cybersecurity	World Trade Centre Goa	30/08/18			15
State level Quiz on Environment (final round)	CII-Young Indians	31/08/18	4	4	4
CAT preparation & B-school life of student	GIM-Sanquelim	01/09/18	19	12	14
Unblocking Blockchain	Free Code Goa	08/09/18			16
Google DevFest 2018	GDG Goa	08/09/18		4	6
Lumini workshop	Birla Institute of Technology & Science	22/09/18			3
Robotics exhibition	GEC- Farmagudi	04/10/18	55	33	25
NICE 2018 competition	IET-Mumbai Chapter	13/10/18	1	2	5
Total			83	90	178

1. Internship Program conducted:

A 2-weeks hands-on Internship Programme on 'Smart and Real time Apps using Firebase and Artificial Intelligence' was organized by the Entrepreneurship Cell of AITD from 2nd - 14th July 2018. The workshop was conducted by Margao based IT firm Svastek under the guidance of proprietor Deepak Agarwal. The students were introduced to artificial intelligence and web development using bootstrap.



2. Goa IT Day



Department of Information Technology, Govt. of Goa celebrated Goa IT Day on 14th and 15th July 2018 at Inox Panaji-Goa. The IT day 2018 had in it launch of Goa IT Policy, Ecosystem Talks from the top IT/ITeS Stackholders, Panel Discussions and Skilling Workshops. Around 35 students from ECE/COMP attended the event along with Prof. Chaitali.

3. International Blockchain Congress

NITI Aayog, in collaboration with Nucleus Vision and the State Governments of Goa and Telengana, hosted India's first-ever International Blockchain Congress in Goa with the aim of uniting renowned speakers and intellectuals to discuss how to make India the next blockchain capital of the world. Around 100 students of AITD attended the event organized by Department of Information Technology on 5th August 2018 at the Inox courtyard



Participants of AITD at Blockchain Congress

4. Blockchain technology and Cyber Security Workshop

Prof. Ashish along with 15 final year Computer Engineering students attended the Blockchain technology and Cyber Security Workshop organized by freeCodeCamp at World Trade Centre-Goa on 30th August 2018 from 2:00-5:00 pm. The students were introduced to blockchain and Cyber Security. They also gained knowledge on the use of blockchain technology in bitcoin. The resource person for the session was Mr. Amber Kamat, Director-Eintelize Infotech Pvt Ltd.



Mr. Ambar Kamat, resource person along with faculty and participating students of AITD

5. Talk on CAT preparation & life of a student at GIM:

Around 45 students from various branches of AITD attended the **Talk on CAT preparation & life of a student at Goa Institute of Management-Sanquelim** on 1st September 2018. The students were made aware of the procedure for admissions at GIM and various other aspects of being a business school student.



6. Robotics Exhibition at GEC

Around 113 students from various branches of AITD attended the Robotics Exhibition at Goa Engineering College, Farmagudi on 4th October 2018. They were accompanied by Head of ECE and Mechanical Engineering Department along with Prof. Shivkrishna and Prof. Komal. The students were made aware of the recent advances in the field of robotics with live Demo.



7. Unblocking Blockchain workshop

Prof. Basil along with 16 final year Computer Engineering students attended the Unblocking Blockchain workshop organized by freeCodeCamp at 91springboard Goa on 8th September 2018 from 2:00-5:00 pm. This helped the students in gaining knowledge about the blockchain world which would help them in their final year project.



Prof. Basil along with participating students of AITD

8. IET-AITD-NICE 2018:

Students of AITD visited various higher secondary schools across Goa and successfully delivered a seminar on “Engineering and its various disciplines” to the 11th Std Science students, as part of the “Nurturing Intelligence for the Curious Engineers (NICE)”. The awareness drive focused mainly on various engineering branches and their core concepts including some real world examples and latest technologies in each of the fields. This was conducted as a part of the Goa regional round of IET-AITD-NICE competition.



AITD students interacting with higher secondary students during the IET-AITD-NICE competition

9. Nurturing Intelligence for Curious Engineers (NICE) 2018 Competition



Students of Agnel Institute of Technology and Design (AITD) participated in Finale of “*Nurturing Intelligence for Curious Engineers (NICE) 2018*” event of Institution of Engineering & Technology (IET), which was held in K.J.Somaiya Institute of Engineering and Information Technology, Mumbai on 13th October 2018. The event was organized by IET Mumbai Local Network. Winner and Runner up teams from various regions like Goa ,Dhule , Mumbai, Nashik and Pune competed against each other in the Finale of IET-NICE 2018. Winner and runner up teams from AITD (Goa region) which participated in NICE Finale included : Ms. Vardhana Navelker (B.E Computer), Ms. Shubhechha Bharne (B.E Computer), Ms. Alcina Fernandes(B.E ECE), Ms. Prachi Mahambrey (T.E Computer), Mr.Valencio Fernandes (B.E ECE), Mr. Aditya Pai (B.E Computer), Mr. Malcolm Madeira (B.E Computer) and Mr. Nigehban Ali (T.E Mechanical). AITD secured third place in the NICE 2018 finale.

10. Google Dev Fest 2018

Around 8 students of the AITD GDG attended the **Google Dev Fest 2018** at 91springboard Goa on 8th September 2018 from 10:00-1:00 pm. This helped the students in gaining knowledge about the advances in Google Development.



11. State level Quiz by Yi CII 31st September 2018



12 students across various departments of AITD participated in the final round of the State level Quiz on Environment that was conducted at Kala Academy- Panjim by Young Indians CII on 31st September 2018.


12. GTA student Association Meet:



4 students from Computer Engineering department along with Prof Ashish attended the GTA meeting at GEC on 3rd November 2018. Main Agenda was the formation of student cell of GTA which consists of students from all engineering colleges across Goa. The meeting was chaired by Mr. Mangirish Salelkar, Mr. Milind Anvekar and Mr. Milind Prabhu. The students were made aware of the number of IT companies operating in Goa.



Participants from various colleges at the GTA Industry Academia Meet


Ms. Nora Naik
TERC Faculty Incharge


Dr. V. Mariappan
Principal

TECHNICAL EVENT REVIEW CELL (TERC)
ACCOMPLISHMENT REPORT

Academic Year: 2018-19

(Even Semester)



TECHNICAL EVENT REVIEW CELL REPORT
(JAN 2019-MAY 2019)

INTRODUCTION

The academic year for the even semester started on 2nd of January 2019 with regular classes for students of First, Second and Third Year. Regular classes for students of Final Year started on 7th of January 2019. A total of 260 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 semester 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
Start-up ideas workshop	CIBA, Assagao	07/12/18			2
FOSS workshop	GDG-DBCE, Fatorda	25/01/19			2
Introduction on IOT	GDG-AITD	29/01/19		20	12
College Scapes 2019	S.V.'s ShridoraCaculo College, Khorlim	05-06/02/19			2
Conversational AI with RASA	GEC, Farmagudi	07-08/02/19			3
3D Modelling	Computer Dept, AITD	18/02/19	15	5	32
B.E Project Competition Preliminary round	GCCI and GSInC	25/02/19	28	19	23
B.E Project Competition Finale	GCCI and GSInC	02/03/19	10	8	4
PATW 2019 Competition	IET, AITD	05/03/19	4	3	14
Ignitron	DBCE, Fatorda	08-09/03/19		4	
Web Development workshop	GEC, Farmagudi	09-11/03/19			3
International Women Day Programme	GCCI and GDG-WTM, Goa	09/03/19		4	7
'Semicolons' Hackhaton	PSL, Verna	09-10/03/19			1
GDG Goa Cloud Study Jam 2019	GDG-Goa	23/03/19		1	13
Stacking Layers 2019	Jain College of Engineering - Belgavi	01-02/04/19	7	5	7
PATW 2019 Finale Competition	IET-Mumbai Chapter at MEFGI-Rajkot, Gujrat	29/04/19			2
Total			64	69	127

Events attended by Students of AITD in other Colleges

1. Workshop on FOSS

Conducted by: GDG Goa, in association with FSUG (Free Software Users Group) Goa and FOSS Club, Chowgule College.

Speaker: Wendham Gray, Lecturer from Chowgule College

The speaker explained how free and open source software is better than proprietary software and explained the merits and the latest development in FOSS. He also taught the attendees how to dual boot a system with Windows and a Linux distribution. He also spoke about Free Software User Group Goa, a 30 year old organization working actively to promote the use of Free software in Goa.



2. Workshop on 3D Modelling :

Around 50 students attended the One Day workshop on “3D Modeling” on 18th February 2019 organized by Computer Engineering Dept, AITD. The workshop aimed at bringing innovation, creativity and technology together in the field of 3D modeling using SketchUp Pro software. The training was imparted by Ms. Aarti Kamat, Mr. Royston and Mr. Vishal from Edutek Solutions, an authorized training centre for Autodesk and Sketchup, Margao-Goa.



3. Web Development Workshop:



Conducted by: Computer Engineering Department, GEC from 9th to 11th March 2019.

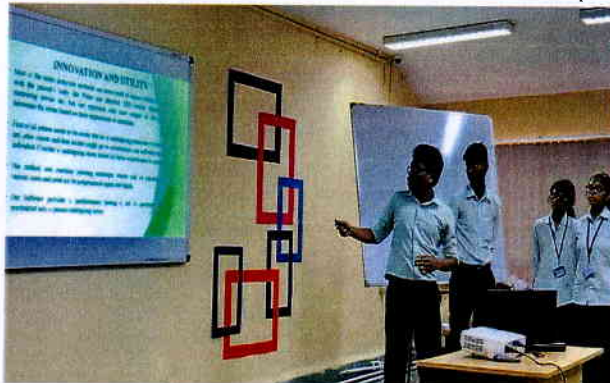
Resource person: Mr. Sachin Kale, StanzaInfoTech Inc.

The students learned the basics of php to develop web applications aided with the knowledge of CSS to help design a graphical interface.

4. Project Presentation Pre-assessment

The pre-assessment of the Final Year Projects Presentation for the academic year 2018-19 organized by Goa Chamber of Commerce & Industry (GCCCI) and Goa State Innovation Council (GSInC) on 25th February 2019 at AITD. Around 16 final year project groups across the branches showcased their projects in front of a panel of judges from the industry. The competition was with the emphasis on Innovation. The projects were assessed on the basis of Idea Generation – Quality & Clarity, Innovative Approach, Feasibility in terms of Technology to support the Idea, Prototype and Scalability & Sustainability

The top 5 projects were selected to showcase their project idea for the final round on 2nd March 2019.



Students presenting their ideas



Jury Members addressing the students

5. Project Presentation Finale organized by GCCI and GSInC:

The Education committee of Goa Chamber of Commerce & Industry (GCCI) and Goa State Innovation Council (GSInC) jointly organized the **Project Presentations by students of Engineering Colleges of Goa** on 2nd March 2019 at Sanskriti Bhavan, Panjim. AITD won the Second Place for the most innovative project amongst the project groups from GEC, DBCE, PCCE and SRIET. 8 final year project groups were selected for the presentation. The project group that won the second prize was “Smart walking stick for the visibly impaired” teamed by Students of Final year Computer Engineering Dept of AITD comprising of Jesus Fernandes, Frank Dsouza, Neel Chari and Akash Hattargi guided by Prof. V. Pugazenthi.



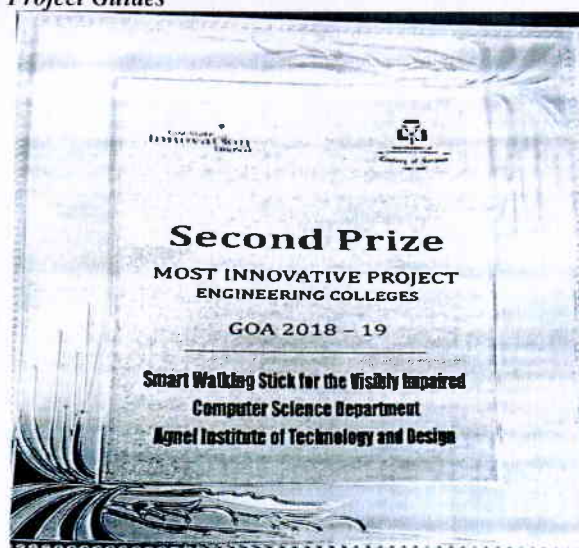
Runners Up Team from AITD



Smart walking stick for the visually impaired



AITD Participants along with Project Guides



6. 'Semicolons' Hackathon at PSL

'Semicolons 2019', the annual 24 hour Hackathon organized by Persistent Systems Ltd., took place on 9th March 2019 across all branches of the Organization. The event commenced at 8.30 am with a short inauguration function and ended on 10th March 2019 with the prize distribution. Final student, Frank D'Souza (COMP) participated from the South Goa Branch as part of the team "Chain Ops". ChainOps is a blockchain orchestration tool that allows operators to easily install and configure components of a Hyperledger Fabric network, and hence simplify blockchain network governance.



Team ChainOps

7. "Present Around The World (PATW) 2019"-Goa University Level

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 5th March 2019 wherein 15 students participated.



Mark Rodrigues (TE Mechanical) was the Winner and Sanket Patil (BE Computer) was the runner-up of the competition.

8. International Women Day Program organized by Women Techmakers in association with GCCI

Conducted by: Women Techmakers in association with GCCI at 91Springboard

Speakers Panel:

Dana Cohen Baron: Co-founder of Women Experience (WE), Israel; GDE in Design,
Pallavi Arondekar: Deputy Director, GCCI,
Ketaki Parob: Psychologist,
Colleen Sequeira: Zumba Instructor,
Komal Paroolkar: Pranik healer, Meditation instructor,
Sneha Kamat: Software Developer,
Dikshita Desai: WTM Goa Lead

Topics covered: Professional etiquettes and pattern that are visible in professional environment, mental health and how stress has affected people in their long-term lives, importance of exercising in otherwise sedentary lives.



Student participants from AITD

9. GDG Goa Cloud Study Jam 2019



Conducted by : GDG Goa

Speakers : Rudra Sawant, Tanmay Pereira Naik

Topics covered : Students were introduced to two sessions based on Google Cloud Platform using qwiklabs. The first was a demonstration in Machine Learning that helped them build a model on the GCP. The second was a demonstration on IoT and how cloud can be used to perform various communication functions with an IoT device. Various services provided by GCP were also explained.



Student participants from AITD

10. Josh Talks

Conducted by: Facebook along with Josh talks organized the Citizen Town Hall for the first-time voters in the state (GOA) on 20th April 2019.

Speakers: The Citizen Town Hall was inaugurated by Shri. Kunal (IAS) Chief Electoral Officer (CEO) and Shri. Jaspal Singh, IGP.

The initiative was to educate the first-time voters on the need to actively participate in the upcoming general elections in Goa on *April 23rd, 2019*. Around *68 students of Final year Computer Engineering Department, AITD* attended the event



BE Computer Students participated in the Josh Talks

11. Stacking Layers 2019

The Team from Third Year comprising of Atharva Despande (Mechanical) and Omkar Malvankar (Computer) won the 1st and 2nd Place respectively for 3D printing Competition during Stacking Layers 2018 workshop organized by Jain College of Engineering- Belgaum on 1st – 2nd April 2019.

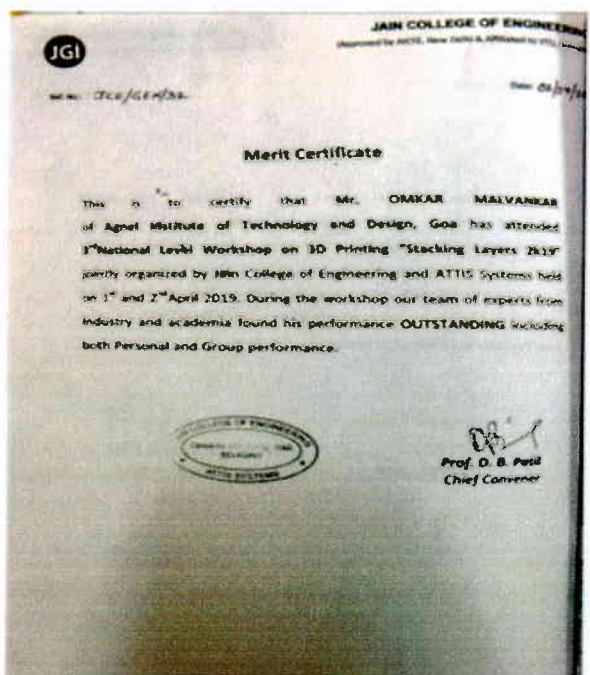
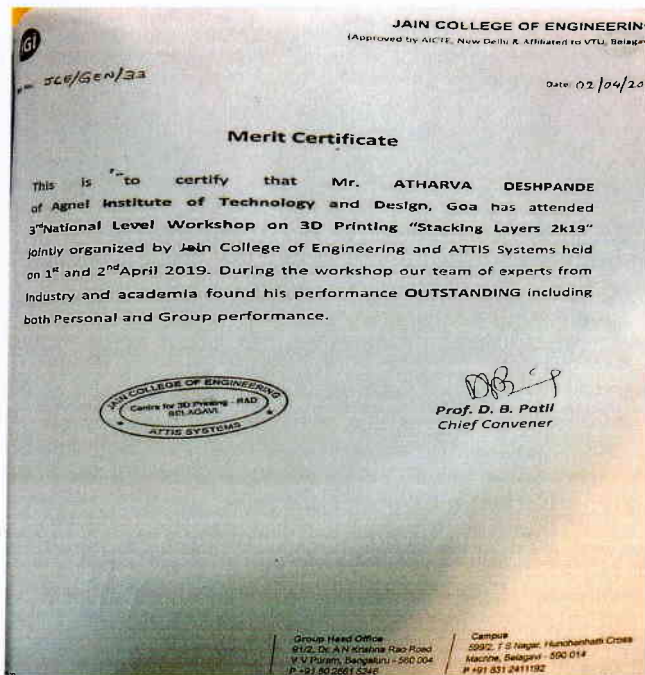
19 students across Third year stream of our institute participated in the workshop at Belgaum.



Atharva Despande (BE Mech) along with team receiving the 1st Place



Omkar Malvankar (BE Comp) along with team receiving the 2nd Place



Merit certificate

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

Winner and Runner-Up of Goa University Level IET - PATW Competition, Sanket Patil (BE Computer) and Sushrut Thakur (FE Computer) successfully represented Agnel Institute of Technology and Design (AITD) at LN Level of IET-PATW Competition held at MEFGI College, Rajkot, Gujarat on 28th April 2019. Students from various regions like Pune, Goa, Rajkot and Mumbai participated in the event.



Mr. Sanket Patil, BE COMP, presented with certificate of participation

Mr. Sushrut Thakur, FE COMP, presented with certificate of participation



All the participants along with the Organizing team

**Ms. Nora Naik
TERC Faculty Incharge**

**Dr. V. Mariappan
Principal**