



IET-AITD Annual Report 2018-19

“IET-AITD-NICE” Event [Phase – I Junior College Level]

Nurturing Intelligence for Curious Engineers (NICE) is a competition by IET for 3rd & final year engineering students (Under Graduates).

The idea is to encourage the graduating engineers to participate in awareness to be conducted amongst the prospective engineers (Junior College Science Students).

As part of the event, students of AITD visited following Junior Colleges (higher secondary schools) of Goa.

- Peoples Higher Secondary, Panjim.
- St. Francis Xavier Higher Secondary, Siolim.
- GVMs Higher Secondary, Ponda.
- Saraswat Higher Secondary, Mapusa
- Dr.K.B.Hedgewar Higher Secondary, Bambolim
- Vidya Prabodhini Higher Secondary, Porvorim

In the seminar given by the students, titled ‘**Engineering & Various Disciplines of Engineering**’, Students focused mainly on various engineering branches and their core concepts, including some real world examples and latest technologies in each of the fields. Students also explained the concepts of engineering by providing some live demonstration of the working models to the HSS students.

Benefits of the event to Graduating Students:

- Each participant will be getting a participation certificate from IET.
- Winner and Runner Up teams to get Winner and Runner Up Certificates from IET. (Goa Regional Level NICE Competition).

Winning Team: Prize of Rs. 5000/-

Runner-up Team: Prize of Rs 3000/-

In addition to these benefits, the students will also gain confidence in their presentation skills. Since each team comprises of students from different engineering branches, the students will also get insight into engineering aspects other than from their field.



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Peoples Higher Secondary, Panjim





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St. Francis Xavier Higher Secondary, Siolim.





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GVMs Higher Secondary, Ponda





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Saraswat Higher Secondary, Mapusa





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“IET-AITD-NICE” Event [Phase – II Goa Regional Level]

After completing the phase I of IET-AITD-NICE 2018 event, Computer Engineering department of Agnel Institute of Technology and Design successfully organized and conducted **Goa Regional Level (Phase II) of IET-AITD-NICE 2018 event.**

The event was held on Monday, 8 October 14, 2018 which started at 10.00am in Multi-Purpose hall at AITD. Mr. Vimal Chaubey who is the Secretary of Young Professional Section, Mumbai Local Network was present at the event as a Guest along with Mr.Hiren Chouhan who is the member of Young Professional Section, Mumbai Local network and founder of ‘Hiren Technologies and Solutions’, startup at Mumbai.

Prof. Sagar K.Naik, IET-AITD Coordinator, introduced and welcomed the guests followed by introducing the following panel of Judges for the event.

1. Dr. J William, H.O.D, ECE Department, AITD
2. Prof. Snehal Bhogan, H.O.D, Computer Department, AITD
3. Mr. Vimal Chaubey
4. Mr. Hiren Chauhan

In the Goa Regional level of NICE 2018 , the participants were asked to present to the Judges how was their experience in delivering the Seminar in Higher Secondaries, what problems or difficulties they faced, how they could overcome those problems, what content they explained to the HSS students, what feedback they got from the HSS students and what they learned from entire journey of Phase-I of this event.





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Winner and runner up teams received the prize of Rs. 5000 and Rs. 3000 respectively from IET. Both teams qualified to the Finale of NICE 2018 event to be held on 13th October 2018 at K.J.Somaiya Institute of Information and Technology in which our 2 teams will be competing against winner and runner up teams from other regions like Mumbai, Pune, Nashik and Dhule.



“IET-AITD-NICE” Event [Phase – III Mumbai Local Network Level]

Winning and runner-up teams from Goa Regional Round of **IET-AITD-NICE-2018** competition represented AITD and Goa region in the finale of **IET-NICE-2018**, Mumbai Local Network level competition which was held on 13th October 2018 in K.J.Somaiya Institution of Engineering and Technology, Sion, Mumbai.

A team comprising of following students from AITD secured 3rd place at the finale.

- Mr.Valencio Fernandes, BE-ECE
- Ms.Vardhana Navelker, BE-Computer
- Ms.Shubhechha Bharne, BE-Computer
- Mr.Nigehban Ali, TE-Mechanical.

Other team which represented AITD at the finale was:

- Ms.Alcina Fernandes, BE-ECE
- Mr.Aditya Pai, BE-Computer
- Mr.Malcolm Madeira, BE-Computer
- Ms. Prachi Mahambrey, TE-Computer

Winning and runner up teams from various states like Pune, Nashik, Dhule, Mumbai, Pune and Goa competed against each other at the finale. The winning and runner-up teams of the finale were awarded with prize money of Rs.15000/- and Rs.10000/- respectively by the IET.

Total of 5 teams of AITD students successfully completed the Phase –I (Junior College Level) of the event by visiting and giving seminars on “Engineering & Its various Disciplines” in various Junior Colleges of Goa.

Phase-II of the event (Goa Regional Level) was held in AITD on 8th October 2018 in which 2 out of 5 teams were selected to represent AITD in Finale of the event (Phase-III, Mumbai Local Network Level). Also, winning team and runner up teams from AITD received the prize money of Rs.5000/- and Rs.3000/- from IET.



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Prof. Sagar K.Naik, IET-AITD Coordinator, accompanied the students to the event. AITD students competed with participants from various states helping them improve their presentation skills and boost their confidence level. This endeavor by AITD will help the students in their job interviews & in achieving good career prospects.



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“Present Around The World” PATW-2019 - Goa University Level

Computer Engineering department of **Agnel Institute of Technology and Design** in association with “**The Institution of Engineering and Technology**”, **IET Mumbai Local Network**, successfully conducted “**Present Around The World**” (PATW) Goa University Level competition on 5th March 2019 in Mechanical Seminar hall at AITD. Dr. J William, Head of ECE Department, AITD, Prof. Snehal Bhogan, Head of Computer Engineering department, AITD and Mr. Elanton Fernandes, Alumni of AITD were present as the Judges for the competition. Total 15 students across Computer, Mechanical and ECE branch participated in the competition.

Participants presenting their topics:





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Mr. Mark Rodrigues from third year Mechanical engineering was the Winner and Mr. Sanket Patil from final year Computer engineering was the runner-up of the competition.



Both, winner and runner-up qualified and will represent AITD and Goa for the next level of PATW competition i.e. Mumbai Local Network PATW, which will be held in Mumbai in April 2019.





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IET-PATW LN Level Competition at Rajkot Gujarat

Winner and Runner-Up of Goa University Level IET - PATW Competition, **Mr. Sanket Patil (BE Computer)** and **Mr. 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.

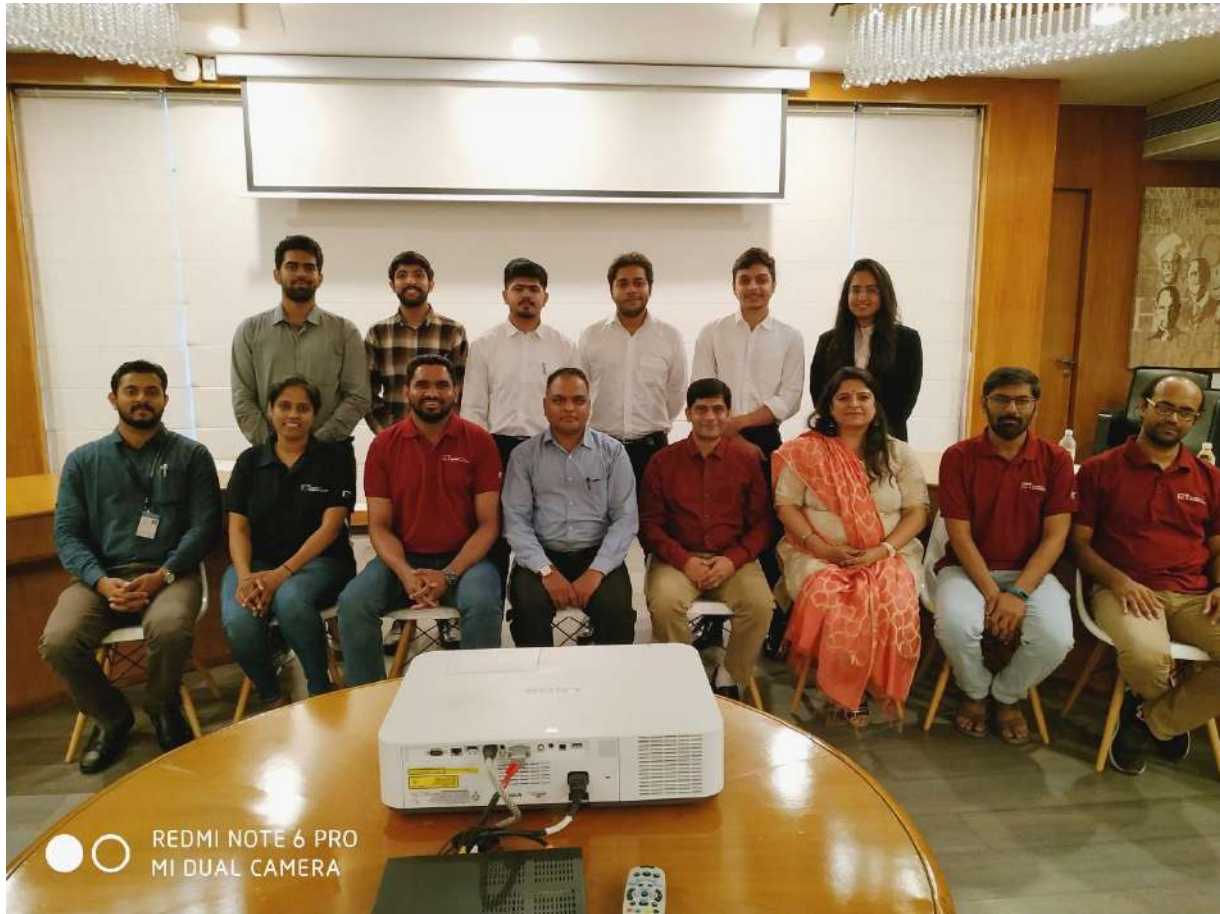




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Present around the World (PATW), is an annual presentation contest conducted by the IET for students and young professionals between the age group of 18 and 26 years. The main focus of the competition is on students, graduates or young engineers who are tested for their capabilities in presentation skills, engineering projects and ideas. The competition helped our students to improve and enhance their presentation skills and to boost their confidence level which will definitely help them in their future endeavors. The students were accompanied by **Prof. Sagar Naik, IET-AITD Coordinator**.



“BASICS OF WEB DEVELOPMENT” One Day Workshop

Computer Engineering Department of Agnel Institute of Technology and Design (AITD), in association with “The Institution of Engineering and Technology” (IET Student Chapter), successfully conducted one day hands-on workshop, titled, “Basics of Web Development” on Sunday, 24th March 2019 at AITD.

The resource person for the workshop was **Mr. Dattaprasad Ekavade**, Co-founder and Chief Technical Officer of “Infocus.design”, Panjim,Goa.

Total 49 students across Computer, Mechanical and ECE departments participated in the workshop.

Ms. Vardhana Navelker, Chairperson, IET-AITD Students Council, introduced the Speaker and presented the welcome note.

The main motive of the workshop was to make students understand and get familiar with facts and terminologies related to Web development and have glimpse of web technologies being used by websites in the world.

Before the actual hands on training, Speaker briefed the participants about various aspects of Internet including its origin and history. Then participants were introduced to HTML, CSS and JavaScript technologies which are known as the base for advanced web development methodologies.

Participants had live hands on training session where in, the topics learned during the session were implemented and tested by them, which provided them a brief exposure towards web development technologies.



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During valedictory function, all the participants along with workshop volunteers, faculty coordinators and Speaker, were presented with the certificates followed by which, **Prof. Sagar K. Naik, IET-AITD Coordinator** proposed the vote of thanks and the workshop concluded successfully at 5.30pm.



“Introduction To PHP” One Day Workshop

Computer Engineering Department of Agnel Institute of Technology and Design (AITD), in association with **“The Institution of Engineering and Technology”** (IET Student Chapter,U.K), successfully conducted one day hands-on workshop, titled, **“Introduction To PHP”** on Sunday, 14th April 2019 at AITD.

The resource person for the workshop was **Mr. Dattaprasad Ekavade**, Co-founder and Chief Technical Officer of **“Infocus.design”**, Information Technology & Services startup, Panjim.

Total 26 students across Computer and ECE departments participated in the workshop.

Prof. Sagar K. Naik, IET-AITD Coordinator, presented the welcome note. **Ms. Vardhana Navelker, Chairperson, IET-AITD Students Council**, introduced the Speaker to the participants.

PHP (or PHP Hypertext Preprocessor) is a server-side scripting language that is used to create dynamic web pages that can interact with databases. It is a widely-used open source language that is specifically used for web application development and can be embedded within HTML. PHP, as a scripting language, is popular among web developers because of its ability to interact with database systems including Oracle and MySQL. Main objective of this workshop was to make students familiar with PHP along with MySQL and CodeIgniter framework. During the first session of workshop, participants were given brief introduction to basics of PHP technology including the history and origin of it in the field of web development. The speaker then briefly covered MVC Design followed by installation of XAMPP server and Brackets editor, after which programming constructs were discussed with live coding. In second session, speaker introduced the participants to MySQL and CodeIgniter framework and explained how to set up CodeIgniter framework and have database connections with the websites.





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Report By: Prof. Sagar Naik, IET AITD Coordinator