

# INSIGHT

Computer Engineering Department's Newsletter

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## VISION

To be recognized as a center of excellence in the field of computer engineering, engaging with and maintaining a strong association with leading organizations, nurturing professionals and entrepreneurs with a positive mind set coupled with societal concern.

## MISSION

- To keep pace with the latest software and hardware development within and beyond the curriculum so as to nurture competent professionals.
- To enhance research opportunities and entrepreneurship opportunities in the department by promoting application based education and partnership with the industry.
- To foster a holistic learning ambience by inculcating professional behavior, problem solving skills, student-faculty collaboration and socio-ethical awareness.

## SPACE 2017

The Seventh International Conference on Security, Privacy & Applied Cryptography Engineering – SPACE 2017 was inaugurated in the presence of Chief Guest Shri Jose M. Noronha, Chairman, Goa Public Service Commission, Mr. Sanjay Burman, Ex- Scientist – DRDO and the Member of Steering Committee – SPACE 2017, Prof. Debdeep Mukhopadhyay, Professor, IIT Kharagpur.

SPACE 2017 continued for five days with illustrious talks from eminent scientists and researchers in the field of cryptography. The program includes seven invited talks and four tutorials on several aspects of applied cryptology, delivered by world-renowned researchers: Dr. Asaf Ashkenazi, Dr. Shivam Bhasin, Dr. Jean-Luc Danger, Dr. Thomas Eisenbarth, Dr. Harry Halpin, Dr. Mike Hamburg, Dr. Gary Kenworthy, Dr. Victor Lomne, Dr. Axel Poschmann, Dr. Karim Tobich, Dr. Ingrid Verbauwhede, and Dr. Yuval Yarom.



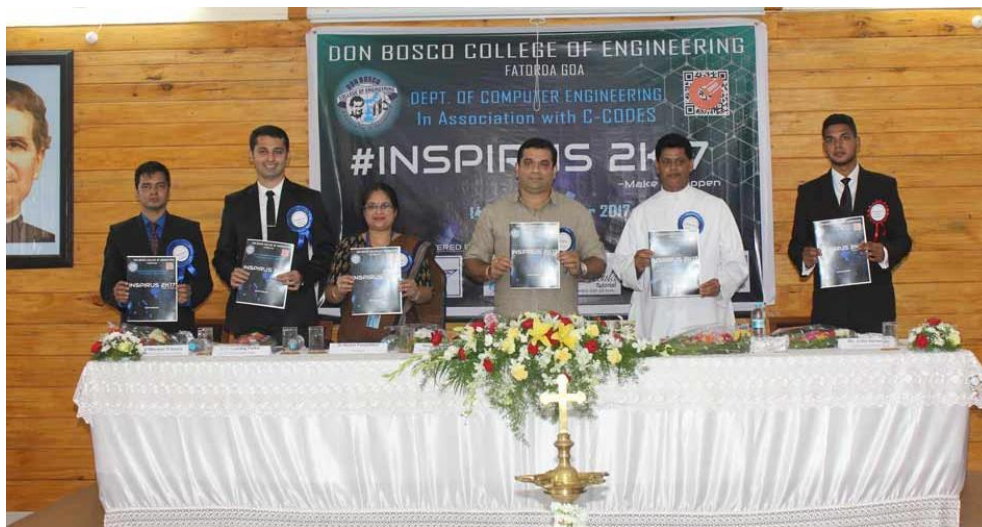
## STUDENTS CORNER

### **C-CODES Installation with “INSPIRUS 2K17 - Make it Happen” National level Intercollegiate Event**

“Inspirus 2k17-Make it happen” is a national level intercollegiate technical and non-technical event, hosted for the very first time by the Department of Computer Engineering, in association with C-CODES, of Don Bosco College of Engineering, Fatorda, Goa on 14th and 15th September 2017.

The event was inaugurated, and Inspirus was declared open by Hon. Minister for IT, Revenue and Labor & Employment Shri. Rohan Khaunte. He had spoken about how technology is advancing at a very fast pace, and that it is our choice whether to stay back or move along with advancing technology.

The inaugural ceremony also included the installation of the new C-CODES student council for 2017-18. The vote of thanks was proposed by Prof. Merwyn D'Souza. A souvenir for INSPIRUS 2K17 was launched on the occasion. The various events held on 14th September were Rubik's Cube, Mindspark, Virtual Building, Virtual DJ, Framed and Designers' Paradise. The events held on 15th September were Hackathon, Geek's Den, Edit Out and Clash Royale. There was a workshop on 3D technology taken by Mr. Ryan Vaz, owner of Infynyt 3D, Verna. Gaming events held were Counter Strike 1.6 and FIFA '17. A total of around 680 students from around 22 colleges and higher secondary schools all over Goa participated in the event. The coordinators for the event were Prof. Merwyn D'Souza and Prof. Amey Tilve & Convenor was Prof. Gaurang Patkar.



The valedictory function was held on 15th September 2017. The Chief Guest for the function was Mr. Suhas Mallya, Executive Director at EMCO Goa Pvt. Ltd. He had spoken about being true to your fundamentals and to "follow the money". In the college section, Goa College of Engineering bagged the first place as winners of Inspirus 2k17. Padre Conceição College of Engineering won the second place. In the higher secondary category, Rosary Higher Secondary bagged the first place. Prof. Amey Tilve proposed the vote of thanks.



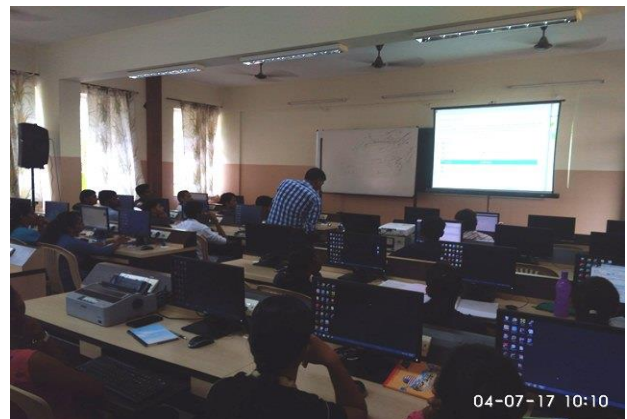


## WORKSHOPS/ SEMINARS/ IN-HOUSE TRAININGS

### 1. INTERNSHIP TRAINING

#### A. Workshop on “ Cloud Computing, Big Data and IOT ”

An internship workshop on “ Cloud Computing, Big Data and IOT ” was organized by C - CODES from 3rd July to 8th July 2017. The speaker was Mr Pravin Hanchinal. The workshop was attended by the T.E. Computer Engineering students.



The workshop started with the introduction of cloud computing and different aspects related to it. The participants were then given a hands-on session on how to create your own cloud online using Codenvy. The second day was all about how a cloud is made by using virtualization. The next two days, students learnt how to create simple apps using two softwares called GitHub and PhoneGap, followed by information about Big Data. Later, the students were also shown how to organize data and count the different variables in a series of files using MapReduce, which can organize and reduce the results from each node into a cohesive answer to a query.

On Day 4 and Day 5 students were shown a live demonstration on Raspberry Pi, which is a small and affordable computer that you can use to learn programming, and its application in IoT or Internet of Things. On last day the speaker enlightened the participants on the career path for the students. He showed them various websites where one can save personal details and create a CV, create blogs and personal websites.

## B. Workshop on “ Introduction to Digital Marketing”

An internship workshop on “Introduction to Digital Marketing” was organized by C-CODES from 10th July to 14th July 2017. The speaker for the workshop was Mr. Sudhir Shetty, founder of Espressotive, a leading web design and web development company in Goa. The workshop was attended by the Third Year Computer Engineering students. The workshop began with the overview of Digital Marketing, which is an umbrella term for all online marketing efforts. Businesses leverage digital channels such as Google search, social media, email, and their websites to connect with their current & prospective customers.

Digital Marketing using Facebook was the topic for second day. The participants were shown various ways on how to create a Facebook fan page and increase likes on a Facebook page. Mr. Sudhir assigned tasks to 4 groups of the class, where each student had to get 100 likes for an assigned Facebook page.

On Day 3, Introduction of digital marketing using Instagram and Twitter was shown to the participants. Also, the importance of a hashtag, a word or phrase preceded by a hash sign(#) to identify messages on a specific topic.



On Day 4, Introduction to Blogging and tips and tricks to increase views and subscribers. that day, task was to write a blog on any technical topic, containing attributes of a popular blog. On last day, Different techniques on digital marketing such as search engine optimization, social media marketing, e-mail marketing and SMS marketing was discussed in the last session. Certificates were awarded to the students at the end of the workshop. Coordinators for Internship Workshops were Prof. Merwyn D’souza & Prof. Kiran Waghmare.

## 2. HTML Basics

Second year computer engineering students attended a workshop on “HTML Basics” on 8th July 2017 in Don Bosco College of Engineering, Fatorda – Goa. The workshop was organized by C-CODES computer students association. A total of 52 students participated in the workshop. The workshop started at 9.00 am with a hands-on session in the Computer Department laboratories. Prof. Merwyn D’Souza, Prof. Manisha Faldessai and Prof. Norman Dias were the resource faculty for the day. Prof. Merwyn D’Souza was the coordinator for the workshop.

HTML is a cornerstone technology used to create web pages. It is a markup language for describing web documents (web pages). HTML stands for Hyper Text Markup Language. A markup language is a set of markup tags. HTML documents are described by HTML tags. Each HTML tag describes different document content. The markup tells the Web browser how to display a Web page's words and images for the user. Each individual markup code is referred to as an element.

The workshop covered the basics of HTML like creating and personalizing a web page that included inserting images, creating basic hyperlinks and email links, adding photos and graphics to a page, creating paragraphs on webpages, HTML formatting and styles, frames in HTML etc. The students learnt to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. During the workshop, the students designed their own HTML forms and webpages as part of their practical.



### 3. Introduction to JAVA Programming

Third year computer engineering students attended a workshop on “Introduction to Java Programming” on 22nd July 2017 at Don Bosco College of Engineering, Fatorda – Goa. The workshop was organized by C-CODES computer students association. A total of 54 students participated in the workshop. The workshop started at 9.00 am with a hands-on session in the Computer Department laboratories. Prof. Amrita Naik, Prof. Christina Barretto, Prof Amey Kerkar and Prof. Kiran Waghmare were the resource faculty for the day.



Java is a general-purpose computer programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible. It is intended to let application developers “write once, run anywhere” (WORA). Java applications are typically compiled to byte code that can run on any Java virtual machine (JVM) regardless of computer architecture.

The workshop covered the basics of Java like creating java applications in Netbeans, data types, variable declaration in java, operators, input-output operations in java, conditional statements, looping statements, methods definition, strings, Arrays, class definition etc. In this hands-on course, students gained hands-on experience with Java programming and its object-oriented features. Students learnt to write, compile and execute Java programs, build robust applications using Java’s object-oriented features, and created robust applications using Java class libraries.

#### 4. HTML/ MySQL Advanced

C-Codes Student Association along with the Computer Department has organized Lecture Series on HTML, CSS, PHP & MySQL. Second year Computer Engineering students attended a workshop on “HTML Advanced” on 22nd July 2017 at Don Bosco College of Engineering, Fatorda – Goa. There were total 60 students for the workshop. Prof. Merwyn D’Souza, Prof. Manisha Faldessai, Prof. Norman Dias and Prof. Sweta Morajkar were the resource faculty for the day.

A batch of 18 students were assigned to each faculty. The faculty explained to the students on HTML. HTML is a markup language used for structuring and presenting content on the World Wide Web. Students were showed how to create tables, lists, frames etc.

Students attending the workshop were also introduced to concepts of CSS basics which stands for ‘Cascading Style Sheets’ and is the language of design for web pages, giving site designers the ability to suggest how their site documents are styled. CSS is interpreted by all graphical web browsers regardless of device or operating system. It allows a logical division between the structure of a web page, (handled by the HTML) and the way it should look. CSS can be used to tailor the appearance of a web page specific to a particular device or screen size.



The workshop was interactive as well as hands on, with simultaneous practical sessions conducted by resource persons. The objective of this workshop was to reduce Skill Gap with Industry – Academia by delivering important programming skills which would be beneficial to students with regards to their placements in their final year. Students were encouraged and challenged to create their own websites and come up with innovative programming ideas.

#### 4. “Soft Skills Development” Workshop



Effective public speaking presentation is an essential lifetime skill. Speaking clearly and effectively is a valuable asset and an essential skill. It shows that a person is confident and knowledgeable about what he is saying. It also helps in persuading the audience to believe what one is saying. Public speaking skills help in a job interview, business meeting, networking and communicating with peers and teachers.

The Department of Computer Engineering at Don Bosco College of Engineering Fatorda, Goa conducted a Soft Skills development programme for the final year computer engineering students (BE computer) on 22/7/17. It was held in WG-05 (SE Computer) class. The workshop was organized by C-CODES computer students association. A total of 33 students participated in the workshop. The duration of the workshop was 2 hours and it started at 2:30 pm and continued till 4:30 pm.



The resource person for the day was Mrs. Lorraine Fernandes from Life Skills Coaching Institute, Margao. The session was divided into the art of Public Speaking and Interview skills. She spoke on importance of expressing thoughts clearly and expressing views succinctly, overcoming stage fear and dressing up appropriately for the job interviews. She had an interactive session with the students as well wherein the students asked some insightful questions, cleared their doubts about job interviews. Prof. Gaurang Patkar, Prof Ankit Kumar Tiwari, Prof. Lilavati Samant, Prof. Amey Tilve and Prof. Siya Naik was the organizer for the workshop.

## EXPERT TALKS

### A. “Latest Trends in Technology” (Industry Institute Interaction) Mr. Anirudh Kudalkar, CEO of “Codekul”, Pune

A session on “Latest trends in technology” was held for the second, third and final year students on 29th September, 2017. The speaker for the session was Mr. Anirudh Kudalkar, CEO of “Codekul”, Pune. The session was interactive and students were introduced to various recent technologies in the field of computer science. Topics like quantum computing that studies computation systems (quantum computers) that make direct use of quantum-mechanical phenomena, such as superposition and entanglement, to perform operations on data. It was explained how quantum computation uses quantum bits, which can be in superposition’s of states.

A quantum Turing machine is a theoretical model of such a computer and is also known as the universal quantum computer. Also, the students were familiarized to the concept of Angular 2, which is a more streamlined framework that allows developers to focus on building JavaScript classes.

The students were briefly introduced to new emerging programming languages like kotlin, typescript (strict syntactical superset of JavaScript and adds optional static typing to the language), vertx, Swift, AIML (Artificial Intelligence Markup Language). He explained how these languages, especially



kotlin, are used to create more maintainable, concise and error free Android apps with a smaller code. Also, students were presented to the concepts of NativeScript and MQTT. NativeScript is an open source framework that gives direct access to every native platform API and component from JavaScript, TypeScript or Angular. MQTT is an ISO standard publish-subscribe-based lightweight messaging protocol for small sensors and mobile devices, optimized for high-latency or unreliable networks. The students were told regarding the Android Things, which is Google's new OS for smart devices, which can run on products like connected speakers, security cameras, and routers to make it easier for companies to start shipping hardware.



Towards the end of the session, security measures regarding new technology trends were discussed. Application like Open Source Identity and Access Management, the security and business discipline that enables the right individuals to access the right resources at the right times and for the right reasons. Some of the IAM solutions like keycloak and blockchain were explained. Overall it was a very interactive, enlightening and learning experience for the computer engineering students.

## **B. “ Entrepreneurship Development Camp” (Industry Institute Interaction)**

The Innovation and Entrepreneurship Cell, in association with the Computer Engineering Department of Don Bosco College of Engineering was inaugurated on 22nd July 2017. Students from the Computer Engineering discipline had attended the event. Total 85 students attended the event. The event was organised by Asst. Prof. Amey K. Shet Tilve under the banner of I & E cell. Mr. Nikhil Divekar, the CEO/Founder of KOKM Juicery Pvt. Ltd. was the Chief Guest for the ceremony. Prof. Gaurang Patkar, HOD, Computer Engineering Department was the Guest of Honour. Rev. Fr. Paul D'Souza, Rector; Rev. Fr. Kinley

D'Cruz, Director and Mr. Rajesh Gaonkar, Training and Placement Officer were also present. The Chief Guest, Mr. Nikhil Divekar started with the story of his life, how he started his business from sourcing Indian made products for export to Europe, to developing incense to promote a health drink from Kokam fruit. He had an interactive session with the students, where they asked questions to him related to his journey.



The final speaker was Mr. Rohan Naik, creative freelancer. He started with his story of how he was interested in music, since he was from a theatre family. In high school, he got inspired by wildlife and pursued a degree in Biodiversity Conservation and Management. He also mentioned that after getting his degree, he continued on with music. He started as a creative freelancer providing his talents in theatrics, movies and advertisements. In 2015, he bagged the Goa State film award for best lyrics for a song in the film 'Home Sweet Home'. He was very interactive with the students.



# FIELD VISITS

## Second & Final Year Computer Students

The Computer Department of Don Bosco College of Engineering organised a field trip to **Naval Museum** and **NCAOR (National Center of Antarctic and Ocean Research)** for the students of Second year and final year computer engineering. Students were accompanied by Prof.Amey Sinai Kerkar, Prof.Amrita Naik, Prof. Merwyn D'Souza, Prof Mithil Parab, Prof.Ankit Tiwari and Prof.Sweta Morajker.



The students were first taken to Citadel section of the Naval museum where they were explained about various armaments and sensors used in Naval ships. They were also briefed about the battle ships used during the world war. They were then taken to the philately corner where they were being shown models of battle ships including INS VIRAAAT and INS GARUDA. Safety equipment like single seater lift raft and ezection seat used by naval officers were also shown. The students were than shown aircraft symbols and air SQDNS like INAS 300, INAS VIKRANT and the history of INAS VIKRANT which helped in Goa liberation. Helicopter models like CHETAK, DORNIER, KAMOV-31 were also shown.



Later, the students and faculties were shown a video on Indian Navy. The movie was based on the activities of Indian Navy for the welfare of country in both ways, trade as well as defense. The students were shown various aircrafts used in naval ships during wars. Some of these models were ALIZE(3 seater carrier antisubmarine aircraft) SEA HAWK (formed for VIKRAANT in 1960), KAMOR-2S( used for antisubmarine warfare), FIREFLY(used by Indian Navy for fighter training),SEA HARRIER (suitable for operation from ship), SUPER CONSTELLATION, DOVE, VAMPIRE TSS, HUGHES HELICOPTER and many more.

In the evening the group was taken to NCAOR (National Centre of Antarctic and Ocean Research). A talk for the faculties and students was arranged by Dr. M.V.Ramesh, Senior Research Associate at NCAOR. The National Centre for Antarctic and Ocean Research (NCAOR) was established as an autonomous Research and Development Institution of the Ministry of Earth Sciences (formerly Department of Ocean Development), Government of India on the 25th May 1998. With a mission mandate that is quite challenging, the Centre is designated as the nodal organization for the co-ordination and implementation of the Indian Antarctic Programme, including the maintenance of India's permanent station in Antarctica. Spread across 147,660 sq. mts sprawling area, set atop a picturesque plateau, NCAOR is located in India's most seafaring state of Goa. Year-round maintenance of the two Indian stations (Maitri & Bharati) in Antarctica is the primary responsibility of the Centre. Maitri (1989) and Bharati (2011) were established, for carrying out research by the Indian scientists in all disciplines of polar research. These stations have been provided with comfortable living accommodations, state of the art laboratories and well-equipped library and communication systems. Overall it was a very enlightening and learning experience of SE computer and BE computer.

### Third Year Computer Students Field trip

The C-CODES Student council has organized a field trip for the Third Year Computer students to **Goa State Data Centre** at Department of Information Technology, Altinho, Panjim and to Verna based Company “**INFINYT 3D**”, on 27th September 2017. Around 60 students were present. The following Computer Engineering Department. faculty accompanied the students on this field trip: Prof. Manisha Fal Dessai, Prof. Kiran Waghmare and Prof. Siya Nayak. At Data Center, Students were divided into groups of four for ease of explanation. They were shown two sections: the non-IT section and the IT section.



The non IT- Section consists of a Power room, where the power supply for the servers in the data center is provided, and various modern systems are installed to prevent disasters like waterlogging,

rodent problems, fire, which could destroy the servers. In the IT section students were shown working of different Networking devices, like Routers, Bridge, Switches, Gateway, Proxy Servers, and other network hardware. They explained various Security aspects and different types of firewalls used. The entire Data Center is under CCTV Surveillance.



Post Lunch, Students visited INFINYT 3D, where they were explained briefly, the concept of 3D printing. 3D printed models were shown; also various materials, methods and problems related to 3D printing were discussed. Students were made aware about the scope, requirements and applications of 3D printing. Mr. Ryan Vaz, owner presented software which can be used to construct a 3D model of the desired object to be printed. A 3D printer was shown to the students and a demonstration was given to show how the printer works. Mr. Vaz explained to the students, the various properties of a 3D printer, cost of the printer and also factors affecting the cost and properties of a 3D printed object. He spoke about various finishing techniques that are performed after completion of a print by a 3D printer. The field trip was informative and a good learning experience for the students.

## MERITORIOUS STUDENTS FELICITATION



A felicitation function for the Computer Department Engineering students of batch 2013 – 2017 securing distinctions was held on September 18<sup>th</sup> 2017. The function was organized by C-CODES in association with Computer Department in the esteemed presence of the Chief Guest Dr. Muktesh Chander IPS, Director General of Police, Director Rev Fr. Kinley D’Cruz, Principal Dr. Neena Panandikar, H.O.D. Computer Dept. Prof. Guarang Patkar, C-Codes coordinator Prof. Merwyn DSouza.

The function began with lighting of the lamp. The Principal Dr. Neena S. P Panandikar congratulated the initiative and efforts taken by the Computer students and faculty. She also congratulated the distinction holders. She mentioned all the projects undertaken by the Computer Dept. For the industry.



The chief guest Dr. Muktesh Chander IPS, Director General of Police in his address motivated students to never give up their dreams and ambitions, he also congratulated the students securing distinctions and extended his help for any projects in future. The students who have secured Distinction were felicitated with a gold medal and certificate. The DGP Dr. Muktesh Chander then felicitated the students who did a project for the Goa Police with certificates and a cash prize of Rs 10000/-.Prof. Manisha Faldessai then proposed the vote of thanks.

## STUDENTS PARTICIPATION IN WORKSHOPS/ SEMINARS / TECHNICAL EVENTS & TECHNICAL COMPETITIONS

Seminar/Workshop/ Technical Events/Conferences/ Training programmes etc.	Date	Organized by	No. of Student s	Level of Stud ents	Award / Prize won	Faculty Coordinator	Name (s) of Students
Brain Wave controlled robotics Workshop	27th-31st July 2017	Amrita University, Kerala	1	S.E.		Manisha Fal Dessai	Rahul Sharma

# FACULTY INITIATIVES

## PAPER/ JOURNAL PUBLICATIONS and PAPER PRESENTATION

<b>Author Name</b>	<b>Title of Paper</b>	<b>Details of Journal name,volume,series, year)/ Conference Details</b>
Amrita Naik	Comparison of Different Filters and Segmentation Techniques for Brain Tumor Detection Using Image Processing	International Journal of Research in Advent Technology, Volume 5, Issue 8, August 2017
Amrita Naik	Brain Tumor Detection using MRI Scan	International Journal of Computer Applications (0975 – 8887) Volume 172 – No.2, August 2017
Maria Christina Barretto	Sentiment Analysis Tools and Techniques: A Comprehensive Survey	International Journal for Research in Applied Science and Engineering Technology, ISSN 2321 – 8653 Bvol. 5 Issue XI Nov. 2017
Sweta Morajkar	Sentiment Analysis Tools and Techniques: A Comprehensive Survey	International Journal for Research in Applied Science and Engineering Technology, ISSN 2321 – 8653 Bvol. 5 Issue XI Nov. 2017
Norman Dias	Eggs Defect Detection using Image Processing	International Journal of Engineering Research & Technology,ISSN:227-0181.Volume 6,Issue 7,July 2017
Siya Sadashiv Naik	Extractive text summarization by feature based sentence extraction using rule-based concept	2 <sup>nd</sup> IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology(RTEICT-2017) IEEE XPLORE ISBN: 978-1-5090-3704-9

## AWARDS

### **Bharat Vikas Award**

Prof. Gaurang S Patkar, has been honoured with Bharat Vikas Award. The award is by Odisha based Institute of Self Reliance for his loyalty, diligence and outstanding performance in the field of Soft Computing. He was conferred with the award recently at a function in Bhubaneswar. The award was presented on 19th November, 2017 as a part of the National Seminar: “DIVERSITY OF CULTURAL & ENVIRONMENT” inaugurated by Prof. Gitanjali Batmanaabane, Director, AIIMS, and Bhubaneswar. The award is aimed at encouraging faculty and researchers, for their contributions to in the fields of Science and Technology.



### **Dewang Mehta Award**

The Dewang Mehta National Education Awards is India’s largest Education Awards Contest and was held as a part of World Marketing Congress on 16th August 2017 at Taj Vivanta, Panaji. Prof. Gaurang S Patkar, Head of Computer Engineering Department, has been honoured with the prestigious “BEST PROFESSOR IN COMPUTER ENGINEERING-2017” by the 25th BUSINESS SCHOOL AFFAIRE & DEWANG MEHTA National Education Awards. The chief guest for the function was Honorable Minister

Mr. Mauvin Godinho, Minister of Panchayat. The Dewang Mehta National Education Awards has several contests with cash Award Trophies, Citations and Certificate of Merit Judged by an independent jury.





### **ANDROID BOTIX CHAMPIONSHIP**

Two days (29<sup>th</sup> & 30<sup>th</sup> November 2017) National level workshop and Championship on **ANDROID BOTIX** was organized by **Robokart** in association with Innovation Cell, **IIT Bombay** at Goa College of Home Science, Panjim –Goa. The workshop was attended by 38 participants across India. On the second day of the workshop, a Championship was conducted for all the participating groups. In which, Asst Prof. Manisha Faldessai, Asst Prof. Amey Shet Tilve & Asst Prof. Siya Naik won third prize.



## Online Feedback Software

All educational Institutions are paying increasing attention to the views of students on the experience of learning and teaching through internal surveys. Therefore, Final year BE Computer Engineering students of Don Bosco College of Engineering students designed a software system name 'Online Students Feedback System'.



This Online Students Feedback System is a web based application that provides base for the colleges to conduct students' feedback online. This online system is the good place to find feedback analyzed according to the requirements and it is the efficient one to get feedback analysis. Students give feedback through online using a standard designed form with security. The result of which the feedback is only visible to authenticated users. Online feedback is an integral feature of evaluation of effective & efficient learning & teaching practices. The students designed the software are Shubham Jha, Rahul Singh and Rajdutt Kenkre under the guidance of Prof. Kiran Waghmare and Prof. Manisha Faldessai.



## WORKSHOPS/SEMINARS/EXPERT TALKS CONDUCTED

Details of Seminar/Workshop/Short Term Courses/Conferences/Training Programmes etc.	Date	Attended by Industry/faculty/ Research Scholars	Name of the Faculty Coordinators
Cloud Computing Internship Workshop	3rd July to 8th July 2017	TE computer students	Merwyn D'Souza, Kiran Waghmare
Digital Marketing Internship Workshop	10th July to 14th July 2017	TE computer students	Merwyn D'Souza, Kiran Waghmare
HTML Basics Workshop	8th July 2017	SE computer students	Merwyn D'Souza, Manisha Faldessai, Norman Dias
Introduction to Java Workshop	22nd July 2017	TE computer students	Kiran Waghmare, Christina Barretto, Amey Kerkar, Amrita Naik
Soft skills development Workshop	22nd July 2017	BE Computer Students	Gaurang Patkar, Amey Tilve, Ankit Kumar Tiwari, Lilavati Samant
HTML Advanced Workshop	22nd July 2017	SE, TE and BE Computer students	Merwyn D'Souza, Manisha Faldessai, Norman Dias, Sweta Morajkar
INSPIRUS 2K17 (National Level Technical and Non-Technical event)	14 <sup>th</sup> -15 <sup>th</sup> September 2017	National (inter-college)	Merwyn D'Souza, Amey Tilve
Student Felicitation Programme	18 <sup>th</sup> September 2017	SE, TE and BE Computer students	Merwyn D'Souza
Latest trends in technology Seminar	29 <sup>th</sup> September 2017	SE Comp	Mr Merwyn D'Souza, Mithil Parab

## WORKSHOPS/SEMINARS/EXPERT TALKS ATTENDED

Seminar/Workshop/Short Term Courses/Conferences/Training Programmes etc.	Date	Duration	Organization	Name of the Faculty Participated
Workshop on ANDRIOD BOTIX	29th-30th November 2017	2 days	Goa College of Home Science in Association with IIT Bombay & ROBOKART.	Amey K. Shet Tilve, Siya Naik, Manisha Fal Dessai
International Competition on Oil Palm Mechanization, Malaysia	17th July & 30 <sup>th</sup> October 2017	2 days	Malaysian Palm Oil Board	Prof. Gaurang Patkar
Three Days International Conference-SPACE 2017, (Seventh International Conference on Security, Privacy and Applied Cryptographic Engineering)	15-17 <sup>th</sup> December 2017	3 Days	DBCE in association with DRDO,IACR,CR SI and SPRINGER	All faculty
AICTE- ISTE One week Workshop on: "Statistical Techniques and Tools in Research Methodology"	6 <sup>th</sup> – 10 <sup>th</sup> November 2017	1 week	DBCE, Fatorda	Prof. Manisha Fal dessai, Maria Christina Barretto, Merwyn Dsouza, Amrita Naik, Amey Kerkar
NITTTR Teacher's Training on "Emotional Intelligence"	27 <sup>th</sup> Nov – 1 <sup>st</sup> Dec 2017	1 week	NITTTR Bhopal Extension Center, DTE, Porvorim	Prof. Maria Christina Barretto

## UPCOMING EVENTS

- **Two weeks Internship Program for T.E. Students from 01<sup>st</sup> January to 11<sup>th</sup> January 2017.**
- **PHP/ MYSQL Workshop for S.E. Computer Students.**
- **Java Workshop for T.E. Computer Students.**
- **C#.NET Workshop for B.E. Computer Students.**
- **Python Workshop for S.E. Computer Students.**
- **Expert Talk on " Cryptography and Network Security" by Dr. Purshottam**
- **Talk on " Recent Trends in BE Projects ( for TE Computer)**
- **One week TEQIP III - ISTE FDP workshop from 7<sup>th</sup> May to 11<sup>th</sup> May 2018.**