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DEPARTMENT OF COMPUTER SCIENCE



Parvatibai Chowgule College of Arts and Science
(Autonomous)



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Tech Week 2017

Tech Week 2017

The Department of Computer Science organized a series of 'Hands on Workshops' under the banner of "TECH WEEK" that was held from 7th-12th August 2017 from 9:30am-4:30pm. The series of 'Hands on Workshops' was aimed at sharing the knowledge about new and trending softwares in the evolving world of Information Technology. The technologies were explained by experienced resource persons from the respective field. Each day was presented with a new technology for the participants.

The event was inaugurated by Mr. Nadkarni, Vice Principal of Chowgule College. The welcome speech was given by Assoc. Prof. Prabhakaran, the Head of Department of Computer Science. Various students and faculties from different colleges of Goa & Karnataka attended the series of 'Hands on Workshops' for the entire week.

The first day, 7th August 2017, was presented with the technology of 'REACT JS'. This was demonstrated by Mr. Sedrick Pires who

currently is working in Numadic Technology, Goa. He demonstrated the basic idea on the use of ReactDOM and also demonstrated the use of different components of React JS. The second day, 8th August 2017, was presented with the technology of 'ANDROID WITH FIREBASE'. This was demonstrated by Mr. Viraj Ajgaonkar who currently is working in Numino Labs Pvt Ltd, Pune. He explained how to use Android with Firebase, generating an OTP and creating a simple chat application on an Android platform.

The third day, 9th August 2017 was presented with the technology of 'TESTING USING SELENIUM'. This was demonstrated by Mr. Vaibhav Nagvekar and Mr. Royston Fernandes currently working in Pune. They explained on importance and creation of manual test cases and finding bugs using them and further the use of automated testing using Selenium with the help of Java and Python.

The fourth day, 10th August 2017 was presented with the technology of 'HIBERNATE'. This was demonstrated by

by Mr. Mahesh Matha, who is coordinator of the MSc. (IT) department of Computer Science. He demonstrated the use of Hibernate technology and the use of wide-ranging annotations for creating database tables with ease.

The fifth day, 11th August 2017 was presented with the technology of 'Agile Methodology'. This was demonstrated by Mr. Sunil Paltankar, currently working in Nihilent Technologies, Pune. He introduced the topic using a game to describe the importance of a Project manager in handling a team for proper coordination among them. The use of Scrum methodology in successful management of projects was illustrated.

Finally, the sixth day, 12th August 2017 was presented with the technology of 'Demystifying Block Chain'. This was explained by Mr. Dinesh Rivankar who is currently working in Persistent Systems Ltd., Goa. He explained the concepts of Block Chain and the various areas that uses Block Chain such as in BitCoins etc. He also explained the concept of Hyperledger fabric model and its implementation.

At the end of each workshop, the vote of thanks was presented and all participants were given certificates by the respective resource persons of the workshop.



Department News

- The department started a new Under Graduate Degree Programme, Bachelor of Vocation (B.Voc.) in Software Development from the Academic Year 2017-2018. Number of candidates admitted to the course is 24.
- Three officials of SAP visited the Department of Computer Science and interacted with the students of T.Y.B.Sc. (Computer Science). During the interaction, the officials informed the students of their Scholar@SAP program. Under this program, opportunity is provided to students to work with SAP after their graduation and earn an MTech degree in Software Engineering from BITS Pilani during their working period.
- As part of MoU signed by the Department of Computer Science with Infiswift Inc, now renamed as Aximsoft Corporation, California, USA, the company have sponsored to set up the Embedded Systems Lab in the department. The Department thanks Aximsoft for sponsoring the lab equipment worth of Rs. 1,20,980/- consisting of Arduino Uno R3 Kits, with various sensors and actuators (8 nos); Raspberry Pi3 (10 nos.) and Arduino MKR 1000 - IoT Board (10. Nos). The lab will help our students to explore various applications in the field of Internet of Things (IoT) and help them **to come up with innovative ideas to design and implement varieties of applications.**
- Mrs. Shaila Ghanti, Associate Professor & Mr. D. Prabhakaran, Associate Professor of the department,



Day 3: Testing with Selenium



Day 4: Hibernate



Day 5: Agile Methodology



Day 6: Demystifying Block Chain

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a Talk on “Incubation Centre” on 19th July, 2017 for the Students of Department. Mr.Amey Karmali, Manager at CIBA was the Resource Person for the talk.

- Mr. Abhishek Gudekar, Assistant Professor, Computer Science Department attended the 5th International Conference on ‘Advanced Computing, Networking and Informatics (ICACNI 2017)’, held during 1st - 3rd June, 2017 organised by Department of Computer Science & Engineering, National Institute of Technology, Goa, and Center for Computer Vision and Pattern Recognition, National Institute of Technology, Rourkela.
- Mrs. Neeta Dhopeswarker organized a workshop titled- Analysis of poor academic performance of students: Causes and Remedies on 22nd August 2017 at 12.00 noon for SYBSC (Computer Science) students.
- Mr. Mahesh Matha, Assistant Professor, Department of Computer Science has cleared the SET Examinations held in April, 2017 conducted by Pune University Maharashtra.
- Mr.Castor Godinho, Assistant Professor, delivered a lecture on the topic "A Wonderful World of Open Source" at the Government Multi Faculty College, Dharbandora,Ponda, Goa on 21st August , 2017.
- Ms.Shaila Ghanti, Associate Professor & Mr.D.Prabakaran, Associate Professor, organised a

- visit to CIBA on 2nd August, with faculties of CIBA. Sixty two students from F.Y.B.Sc. ,F.Y.B.Voc, S.Y.B.Sc. & M.Sc-IT(Part II) and seven faculty members of Department of Computer Science were present during the visit.
- Ms. Neeta Dhopeswarker, Assistant Professor, conducted a workshop titled 'Internship: Benefits and Opportunities' for F.Y.B.Sc. Computer Science students on 3rd August, 2017.
- Mr.Abhishek Gudekar, Assistant Professor, & Ms.Priya Lotlikar, Assistant Professor, organised a National Level Hands on Training workshop, “TechWeek 2017” from 7th to 12th August 2017, for faculty and students of various Colleges from Goa and Karnataka.

Students Achievements

- Mr.Ankur Kankonkar, Student of M.Sc-IT(Part I), was felicitated by Mr.Manohar Parrikar, Chief Minister of Goa, at Secretariat, Legislative Assembly Hall, Goa, for his achievement at T.Y.B.Sc. Examinations 2016-2017, conducted by Goa University.



Ankur Kankonkar felicitated by Mr.Manohar Parrikar, Chief Minister of Goa

- Mr.Valdo Fernandes & Mr.Hrishikesh Khedekar, Students of S.Y.B.Sc, Computer Science, secured 2nd place, amongst 12 Colleges in the National level Technical Quiz “Geekwiz 2017” held at Rosary College on 5th August, 2017.



“Geekwiz 2017”

Mr.D.Prabakaran,
Head of the Department

Internship: for Better Career in Computer Science

“Passion is the difference between having a job or having a career.” – Anonymous

To make a career, one needs to have a passion. To realize a passion, one needs to experience the real work environment. During a B.Sc. course, student studies various theory concepts well but not their applications in real life tasks.

“Be brave. Take risks. Nothing can substitute experience.” – Anonymous

Experience in actual work environment is very important for a student. Internship offers students the chance to jumpstart their career with invaluable learning experiences and opportunities.

In Chowgule College, a student gets 4

credits after completing 120 hours of Internship. These 4 credits are mandatory to get a Graduate degree from College. At the end, the student has to submit the certificate from the employer and the report of internship work.

Benefits from Internship

1. Hands on Experience :

Students will get opportunity to practice lessons they learn during their regular course.

2. Improve soft skills

During internship work, one can develop various skills like communication, listening and understanding view of others, working in team, assertive behavior.

3. Know experts/professionals in your area:

While working in an industry, you can make contacts with domain experts, makes new friends in your profession who can help you further in your career.

4. Improve Resume

Quality Internship work will add value to your qualification that makes your resume attractive.

5. Keep ahead in competition

While applying for the job, you will be different from others, as you have not only degree qualification but also the real life work experience.

6. High Self esteem

In effect, this activity will help you to gain confidence and improve self esteem.

Ms. Neeta Dhopeswarker
Department of Computer Science

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