A lecture on the topic "Scope of Animation in Film Industry".

The Department of B.Voc Animation & Multimedia, organised a webinar on "Scope of Animation in Film Industry" on December 15, 2021 at 11.00 AM to 12.30 PM in the A/V Room, Arrupe Block. The webinar was a virtual session conducted with the objective to provide important knowledge and experience to the students in the field of animation and film industry. The resource person for the webinar was Mr. Sudeep Shenoy, one of the prominent people from the industry who specializes in the field of Advertising, Marketing,PR (Public Relations) and Corporate communications. He has been a guest lecturer for over twelve reputed institutes across the state. Previously he worked with radio Sarang 107.8 and 92.7 Big FM, Daijiworld, Mangalorean and News Karnataka and also worked as a senior copywriter for Tata Consultancy services for 3 years andis currently the founder and Chief Creative Consultant for Doodle Media.The programme started with the welcome address by Mr Chethan S Kotian, faculty of B.Voc Animation and Multimedia and introduced the resource person Mr. Sudeep

Shenoy.Mr. Sudeep Shenoy delivered a lecture on the topic "Scope of Animation in Film Industry". He touchedupon many important topics such as relevance of animation in different fields like advertising, gaming; big screens like theatres, hoardings etc.; small screens such as TV, laptops, games etc., the financial value of film industry on a global scale, 2D animation, 3D animation, Metaverse, Virtual Reality, Live Action and animation movies in India and abroad, different types of animation roles or jobs available in the film industry and the earning potential in the animation field. After that, a question and interaction session was

held between the students and the resource person. We received good response from the students and they gave very good feedback.

The resource person thanked the organizers for arranging the live webinar. At the end of the webinar, Mr. Chethan S Kotian, faculty of B.Voc Animation and Multimedia delivered the vote of thanks and thanked the resource person, Management, Director, participants and

other officials for their active support in making the programme successful.

Reported by Mr Chethan S Kotian

Workshop on Advanced Technologies and Career Prospective

Department of IT organized a workshop on "Advanced Technologies and Career Prospective" for the BCA and BSc (CS) students of Dr. P. Dayananda Pai - P. Satisha Pai Government First Grade College Mangalore. The workshop was conducted on 29th September 2021 at AIMIT, St. Aloysius College, Mangaluru

Mr. Thomas CG, Assistant Professor, Department of Information Technology, took a session on Introduction to Mobile App Development using Android. He introduced the Android OS, its features and the working of an Android App. He also demonstrated the various applications of Android in today's world and how to develop an App using Android Studio and run it on a Virtual Device.

Dr Ruban S, Associate Professor and HoD of Msc-ST took a session on "Career Prospective" for the students, and covered different options that the BCA students have. The session addressed concerns such as job opportunities, scope of higher education, government exams, Short term courses etc. Each choice was elaborated with its opportunities and challenges.

Dr Hemalatha N, Dean of IT addressed the students and spoke about the various courses offered by the Dept. and also mentioned the different MoUs, placements and different collaborations that the department has made. The event was coordinated by Dr Santhosh B, Associate Professor.
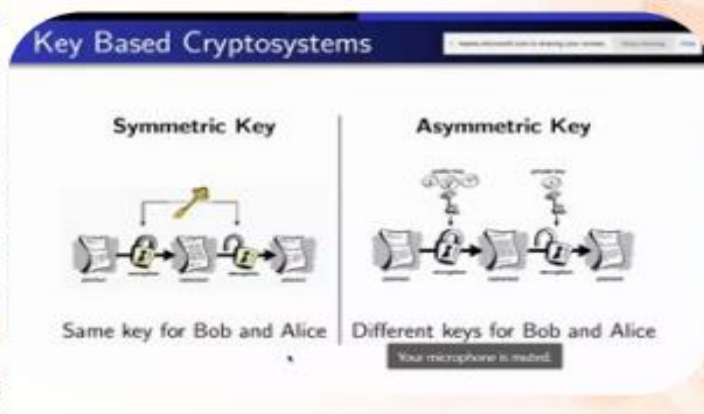
Reported by Dr Santhosh B

Session on "Cyber Security through Cryptography"

St. Aloysius college, AIMIT, Department of Big Data (BDA) students attended an online session on Introduction to Cyber Security through Cryptography, organized by TCS in collaboration with ISI Kolkata on 7th May 2021. The lecture was delivered by Prof. Subhamoy Maitra, Dept. of Applied Statistics, ISI, Kolkata.

The session started at 10 AM. The session commenced with a brief introduction and the broad meaning of **Cryptology,** which encompasses the vast field of Cryptography and Cryptanalysis. Cryptography is the process of converting an understandable message into a complex code. This code can only be unlocked into the original text using the suitable algorithm, which derives the concept of cryptoanalysis.

The background requirements for taking up a good career in this field were concluded by the lecturer. A strong background in the fields of Mathematics, Computer Science and a good approach in Electronics, telecommunications, and Physics, is the core elementary requirements to gain knowledge in this field of study. There were assignments given by the lecturer to the students so that they gain some knowledge on cryptology. The students were told to install Linux OS on their systems, for a better understanding of the concepts. Different movies like *The Da Vinci Code* and *The Imitation Game,* which are based on the theories of

Key Based Cryptosystems

Symmetric Key — Same key for Bob and Alice

Asymmetric Key — Different keys for Bob and Alice

cryptography were informed by the lecturer, inspiring the students to watch them.

After that, the vast practical implementation of Cybersecurity and cryptography in various scenarios like Net-Banking, different modes of communications, cryptocurrency, etc. were discussed.

A brief discussion of different key-based cryptosystems was done, by explaining their functionalities and working. Stream and Block cipher, which are broad classifications of symmetric-key cryptosystems were presented along with their perspectives in the modern world.

The great motto of Cryptology: *"Security should not be based on Obscurity"* was explained, followed by the different layers in the field of cryptography were introduced to the students.

Last but not least, sir Subhamoy Maitra opened the conversation to the students for questions. A question regarding his stand on the current scenarios of Cryptocurrency was well answered by him, telling students to do a self-research on the different cryptocurrencies and their futures in the world market. Sir Subhamoy concluded the session by saying "we cannot have security without cryptology".

The session was interactive and interesting for all the students, gaining immense knowledge regarding the respective fields and their scope in the present world.

IT Department organizes a Five-Day Certificate Course in Web Content Design using HTML, CSS and JavaScript

A Certificate Course in 'Web Content Design using HTML, CSS and JavaScript' was organised by the PG Information Technology department of AIMIT from 21st June 2021 to 25th June 2021. This course was organised for BSc – Computer Science and BCA students to introduce them to web content designing.

This 5-day course was hosted on the Zoom platform from 4 pm to 5 pm on all days. The staff coordinators for this course were Mrs Suchetha Vijayakumar and Dr Ruban S. The resource persons for these five days informative sessions were Mr Thomas C G- Asst. Professor, Dept of MCA, Miss Sanjana J, Mr Stuart Olivera, Mr Prajwal Kumar Shetty, Mr Shashwath K Nath and Miss Chaithra Krishna – Students of MSc(Software Technology) II Semester.

The course was formally inaugurated by Dr Fr Melwyn Pinto SJ, director, AIMIT. Dr. Ruban S welcomed the participants and also gave an insight as to how the course would be handled in five days. The resource person for day 1 was Mr Thomas C G. He spoke and briefed the participants about 'Introduction to Web designing and basic concepts involved'. Mrs Suchetha Vijayakumar proposed the vote of thanks.

Day 2's proceedings started at 4 pm on 22nd June 2021. The Resource persons were Miss Sanjana J and Mr. Stuart Olivera. Ms. Sanjana explained 'HTML Formatting Tags' and Mr. Stuart spoke about 'HTML Form Tags'. The session also involved a live demo of various HTML tags and their applications.

The third day's Resource persons were Mr Prajwal Kumar Shetty and Mr Shashwath K Nath. The topic of delivery was 'Styling a form using CSS'. This session also involved a live demo of the concept.

The fourth day's topic was 'Basic Concepts in JavaScript and form validation'. The resource person was Miss Chaithra Krishna. This session also involved demo and hands-on sessions.

The last day's session was handled by Mr Thomas C G on the topic 'PHP - Server side Scripting'. Dr. Hemalatha N, Dean of the IT Department gave the concluding remarks and also briefed the participants about the college and courses at AIMIT.

318 students had registered from around 18 colleges, out of which 180 attended all the days to whom certificates were issued. The attendance was recorded for every session and reviews of each session given by the participants was also recorded. The participants were given a participation e-Certificate, all the material and code discussed during these 5-day sessions and answers to all their questions on the department portal. This course was just a stepping stone towards introducing UG students to start their journey of website development.

Session on GIT for Beginners

A session on **GIT for Beginners** was organized by the department of Big Data analytics as a part of the Analytics Club association activity in association with SPARK on **8th May 2021**. The resource person was **Mr. Vineeth Lasrado**, a member of SPARK who is a software Engineer by profession at UniCourt Mangalore. Mr. Vineeth is an Alumni of AIMIT. The session was attended by students of Big Data Analytics.

GitHub is a website for developers and programmers to work collaboratively on their project. This helps the programmers to work in collaboration without compromising the integrity of the original project. Mr. Vineeth briefed about the various options available on GitHub

and how to use it to build the projects. He spoke about the ways as to how open an account, the ways of cloning and how to make the best use of repository. He also solved various doubts raised by the students on the topic. Overall the session was very informative

Being a Digital Journalist in the Age of Social Media

A webinar was organized on the theme, 'Being a journalist in the age of social media' on 5th June, 2021 with Mr Aby Tharakana, the editor of Asianet Online from Asianet News Communications Ltd, with 120 participants benefitting from it.

Reported by Rev. Fr W. Marcel Rodrigues

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Webinar on "Insights on IT Skills for Tech Career"

Department of computer Science, applications and animation organised a webinar on "Insights on IT Skills for Tech Career" on 05.06.21. on zoom platform. The resource person for the webinar was Mr. Christopher Rohan D'Silva from T-systems International, SDET- Automation Consultant.

The webinar Began with Invoking Gods Blessings by Ms Ashna D'silva.

Mr. Christy James Vas introduced the guest and welcomed the participants. The resource person spoke about the importance of data structure &mathematical knowledge along with the logical skills in IT Field. He also Mentioned about technical features needed in students.

Ms Shawn Natalia Proposed Vote of thanks. Ms. Vinaya Durga Compered the programme under the guidance of technical team, Dean, HOD of the department.

Reported by Ms Vanaja A

Virtual Power Seminar held for the IT students

The department of Information Technology in collaboration with ICT Academy, India organized a two-day virtual power seminar as part of the Sky Campus, a digital learning initiative of the ICT Academy, for the first year students of MCA, M.Sc. (Software Technology) and M.Sc. (Big Data Analytics) from February 24-25, 2022. The resource person for the Seminar on day one, was Ms Monica Popuri, Engineering manager for Hewlett Packard financial services, India and on the second day was Mr Bhavesh Patel, a Talent Advisor at Wipro. Ms Annapoorna, Faculty member, coordinated the programme. Ms Popuri began the session with the scope of the IT industry and tried to enkindle interest in programming, for students and explained various programming tools and technologies that students need to lookout for. She also explained different technologies that are essential for the future and one would need to be job-ready. The session ended with a question-answer session. Mr Patel shared his valuable insights on how students can think differently and how they can challenge themselves. He called upon students to build their skills for the future, emphasizing on staying local while thinking global. Furthermore, he spoke on being employable. "Learnability comes from the desire and ability to learn, and it is that one skill, a life skill, which is necessary for everyone. It's needed for everyone to keep learning and equipping yourself for the future. Be someone to whom sticking to one skill is not enough," he said. He concluded by saying, "Do not worry about failures. They teach us how to improve and what not to do the next time." The session ended with a question-answer session where the students got answers to eye-opening questions like, 'How students could effectively cope with offline classes after online sessions' as well as 'what is expected from the students when they are being hired'. There were more than 190 participants attending the session.