



## SOFT SKILL DEVELOPMENT PROGRAMME-

### DEPARTMENT OF MICROBIOLOGY

### INTERACTIVE PROGRAMME TO CONQUER COMMUNICATION BARRIERS

Interactive English Programme is a soft skill development programme conducted by the Department of Microbiology in association with the Department of English of SAFI Institute of Advanced Study on **27-01-2017**. The expected outcome of the programme is the development of the four different skills of language. Listening, Speaking, Reading and Writing Skills are given equal importance. At the end of the programme, the learners will be able to use English fluently understanding the laws to follow while using the language. The Session was given by Ms. Shahida PM. Assistant Professor, Dept. of English SIAS. The session aimed at building confidence level to face interviews and group discussions in their future endeavours. The programme would also help the students in their career advancement activities and prepare them to clear various examinations and job interviews. Activity Based Teaching Methodology was implemented to ensure the active participation of the learners. The programme was mainly offered for the Final year undergraduate students to prepare them for the future.



**Resource person handling the session**

## TRAINING AND ORIENTATION CLASS ON 'MY LIFE MY DECISIONS'

Date: 20/01/2017; Venue: Audio-Visual Theatre

On January 20<sup>th</sup> 2017, an alumnus of MCJ Department Mr. Musthujab delivered a training and orientation session for the MCJ students on the importance of having a fifth space and applying it to life. He is currently a member of Pravah, a Non-Governmental Organization working from Delhi. The session was held at audio visual theatre organized in an informal way as requested by the trainer. The Department of Journalism and Mass Communication of SIAS are pledged to shape and develop even the approaches of students towards life. Around 15 people including students and teaching faculties participated in the session.



From the session



## DEPARTMENT OF BIOTECHNOLOGY

### Soft Skill Training Programme- PERSONALITY DEVELOPMENT PROGRAMME

DATE: 10/01/2017

TIME:10.00 A.M



The Department of Biotechnology organized a soft skill training programme on ‘Personality Development’ for UG students of Biotechnology on 10 January 2017 at 10.00 A.M Dr. Shonima Govindan, Assistant Professor, Department of biochemistry was the resource person. The programme focused on overall development of the participants through group activities and motivational sessions. Students were trained to take right decisions and also to cope with adverse situations.



Dr. Shonima Govindan



**DEPARTMENT OF FOOD TECHNOLOGY  
ICT BASED LEARNING SYSTEM**

**Date: 17.12.2016**

Digital technologies underpin innovation and competitiveness across a broad range of market sectors hence basic knowledge about the advancement in Information and Communication Technologies is a requirement these days. It is in this context that Department of Food Technology has organized a Skill development programme- ICT based learning system which would benefit both the faculties and students of the department.

On 17<sup>th</sup> December 2016 the event was scheduled with Mr. Junaid A V, Alumni of SIAS, as the resource person. He is the first rank holder in MSc Bioinformatics from University of Calicut and he is exceptionally talented and knowledgeable person.

The programme began by 10.00 am with the welcome address of Ms Aiswarya Sundar, Final year BSc Food Technology student. The session was then felicitated by Mrs Sujitha A P, HoD, Department of Food Technology. This was followed by the session of the resource person. He discussed all the possible ways of using digital platforms in both learning and teaching.

Importance of using various platforms for learning were given prime importance in the session. He explained basic methods of using some of the emerging platforms and made sure that the students could comply with the content he was discussing. He also demonstrated the use of those emerging communication techniques and made the audience realize the difference between learning with ICT and learning with the traditional teaching methods that had been following till date. Students were very enthusiastic to learn from the resource person since everything discussed by the resource person were very informative and useful. The session came to an end by 1.00 PM with the Vote of thanks by Mr Fairoos Aksar, Final year student, BSc Food Technology

After the session, a quick response from the students about the session was sought and all the students were of the opinion that the session was very fruitful one. The method used by the resource person to convey his contents with the students were worth mentioning that students expressed their fullhearted satisfaction in the session. As the session were more interactive one, students could clarify their doubts then and there. The session ended well with the cooperation of all the students and faculties of Department of Food Technology.



## Workshop on Advanced Ethical Hacking & Cyber Forensic

Venue: Library Hall

Date:07-10-2016



**Prof. Dr. AAM Kunhi, Principal, SIAS addressing the gathering**

A one-day workshop on '**ADVANCED ETHICAL HACKING & CYBER**' Forensic was conducted by Red team Hacker Academy at Library Hall on 7th October 2016. The objective of the workshop was to make the students aware about Ethical Hacking techniques & Cyber Forensic and how to implement them in a positive manner. The Expert were Mr. Jaizal Ali (CEO, RED TEAM), Abdul Ali (Chief Security Trainer, RED TEAM), Rakesh.T (Security Consultant, RED TEAM). Ethical hacking, also known as penetration testing or white-hat hacking, involves the same tools,



tricks, and techniques that hackers use, but with one major difference that Ethical hacking is legal. Ethical hacking is performed with the target's permission. The intent of ethical hacking is to discover vulnerabilities from a hacker's viewpoint so systems can be better secured. It's part of an overall information risk management program that allows for ongoing security improvements. Ethical hacking can also ensure that vendors' claims about the security of their products are legitimate. Mr.Rakesh explained the following types of hackers and its advantages and drawbacks in a better way.

### ● Black-Hat Hacker

A black hat hackers or crackers are individuals with extraordinary computing skills, resorting to malicious or destructive activities. That is black hat hackers use their knowledge and skill for their own personal gains probably by hurting others.

### ● White-Hat Hacker

White hat hackers are those individuals professing hacker skills and using them for defensive purposes. This means that the white hat hackers use their knowledge and skill for the good of others and for the common good.

### ● Grey-Hat Hackers

These are individuals who work both offensively and defensively at various times. We cannot predict their behavior. Sometimes they use their skills for the common good while in some other times he uses them for their personal gains. Total 100 registration were received for the workshop which includes students from various years and departments like BBA, BCOM, EC, BT, MICRO, FT. Department HOD Mr. Arshad P.T and Assistant Professor Mr. Abdul Samad, have coordinated workshop. Other team members were Assistant Professor Ms.Shimna M.P, Assistant Professor Ms. Nipsy and Assistant Professor Mrs.Manju Susan and Assistant Profesor M.r Haneesh, who have worked hard to make a workshop a big success.During the day students enriched their theoretical as well as practical concepts through delivered lectures and by doing hand to hand Practical's on their Mobiles Phones and Laptops. Students were given Live hacking tutorials and advance Goggle dorking, advance masking advance Virus/Trojan thought to them. All these practical sessions were provided by Mr.Jaizal and Mr. Abdul Ali.



**Resource person addressing the gathering**

On the same day of event Advanced Hacking Techniques which included advance system bypassing, reverse engineering event cryptography, android OS tweaking etc. was covered. Participants were given tool kit from Red team Consulting. In the duration of workshop, the projects covered by students were on - advance Google docking, advance system bypassing, reverse engineering, advance wireless cracking, web application security, data forensic, Metasploit framework, buffer over flow. Overall, it was a learning experience for the students and they demanded that more such workshops should be organized.



## DEPARTMENT OF COMMERCE ESSENTIALS OF SOFT SKILLS IN PERSONALITY DEVELOPMENT

DATE: 12/09/2016

TIME: 10.30 AM

a session on

### Essentials of Soft Skills in Personality Development

Organized by Department of Commerce



**Vasil Vafeeqe C A K**

COLLEGE CAMPUS • 12 / 09 / 2016 @ 10 : 30 AM



SAFI INSTITUTE OF ADVANCED STUDY  
(Affiliated to the University of Calicut)  
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The program aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfilment and supreme joy. The program is organized by Department of Commerce on 12<sup>th</sup> September 2016. The resource person Mr. Vasil Vafeeqe CAK gave a hands-on training in Soft Skills and Personality Development. Both are immensely important for students in both for campus placement and at workplaces as well.



## Department of Microbiology

### Project presentation- M Sc Microbiology (Batch 2014-16)

The Department of Microbiology organized an orientation programme on How to present their paper through a presentation. Later, the students of M Sc Microbiology were given a chance to present their dissertation works on 5<sup>th</sup> September 2016. The presentations were done in presence of all the PG students of Microbiology department. Prof. Dr. A.A.M. Kunhi, Principal and Research Director, SIAS also gave suggestions to improve their presentation skills. For the last three years, the M Sc students have been doing their dissertation work under SIAS Centre for Scientific Research, headed by Prof. Dr. A.A.M. Kunhi, hence it was a motivation for the students to get a feedback from him.

Students presented their papers on the topics given below:

Sl No.	Project topic	Name of student	Name of Guide
1	Antimicrobial activity of <i>Ficus auriculata</i> Lour. and synergy with Cefotaxime	Shana Sanam	Ms. Farha Baramy
2	Phytochemical and Antibacterial valuation of Leaf Extracts of <i>Casssia alata</i>	Salmanul Harris	Dr. Shonima Govindan
3	Green Synthesis and Characterization of Silver Nano particles using <i>Curcuma amada</i> and Evaluation of their AntimicrobialActivity	Khairunnisa CM	Ms. Anjana M
4	Production, optimisation and characterisation of cellulase enzyme produced by <i>Trichoderma</i> sp. S-CSR-0027 isolated from decayingwood	Rinsha T K	Ms. Asha B
5	Comparative study of biodegradation of O cresol by free and immobilized <i>Pseudomonas</i> cells in agar and sodium alginate beads	Ameera K	Ms. Shainy N K
6	Study of pigment extracted from <i>Serratia marcescens</i> S-CSR-0023 isolated from hospital and optimisation of cultural conditions using response surface methodology	Amrutha A R	Ms. Smitha K V
7	Isolation and characterisation of feather degrading bacterial strain <i>Stenotrophomonas maltophilia</i> S-CSR-0025 from soil	Muhammed Musthafa O P	Prof. Dr. A A M Kunji
8	Isolation and characterisation of pigment from <i>Serratia marcescens</i> S-CSR-0024 isolated from soil and cultural optimisation using response surface methodology	Mohamed Shareef K	Dr. Sooraj S Nath



**Presentation of students**



## Workshop on Embedded Computing

Date :04/09/2016

Time:9.30am; venue: Library hall



# SAFI INSTITUTE OF ADVANCED STUDY

**04-10-2016**

*Organised By*

*DCSA*

**09.30 -12.30 pm**

**@Library Hall**

## ***Workshop on 'Emerging Trends in Embedded Computing'***

**By**  
**Dinesh p(Cite-N  
Technology)**

## One Day Workshop on '**EMERGING TRENDS**

### **IN EMBEDDED SYSTEMS**' held on 4<sup>th</sup>

November 2016 by Cite-N technologies, in the Main Building Library Hall, at 9.30am was inaugurated by Mr. Mansoor Ali (Vice

Principal, Former HOD DCSA). 

Mr. Arshad P. T (HOD, DCSA) presented the

presidential address. Mr. Abdul Samad

welcomed the gathering. Ms. Nipsy, Mrs. Manju

Susan offered felicitation. Workshop Co-coordinator, presented the overview of the program. Ms. Shimna M.P proposed vote of thanks. The one-day workshop consisted of three technical sessions, one in the morning and two technical sessions in the afternoon as mentioned below.



#### **Resource person handling the session**

28 Students of DCSA participated in the workshop. There were total 5 sessions in this programme. In the first session the expert gave a talk on Embedded System and how Microcontroller – MSP 430 is useful for designing low power applications. They had also shown the designing of a filter using MSP 430 Microcontroller. In the second session, the guest delivered a talk on various Microcontrollers like 8051, PIC, ARM and how they are used in industrial applications. In the post-lunch session, they demonstrated



various Automation components like PLC, Proximity switch and various valves. They have explained the utilization of all those components in industrial applications. Mr. Samad from Department of Computer Science has explained about Start Up Policy of Government of India for increasing the Entrepreneur in our Country and he has also talked about National Summit on Innovation & Technology (NSIT) in September 2016. In the concluding session two experts provided hands on practice and demonstration about various machine-like HMI, PLC, VFB and also given demonstration on 3 phase motor speed control using PLC. Assistant Professor Mr. Arshad PT coordinated the workshop.