

**J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI,
DEPARTMENT OF COMPUTER SCIENCE
REPORT ON WEBINAR - 1**

TITLE: CAREER OPPORTUNITIES AND CHALLENGES DATE: 03.6.2020

A one day webinar on "**Career Opportunities and Challenges**" was organized by the Cybertech Association of PG and Research Department of Computer Science, on 03.6.2020. **Dr.J.G.R. Sathiaselvan**, Associate Professor and Head, Department of Computer Science, Bishop Heber College (Autonomous), Trichy was the resource person.

He came out with plenty of interesting information about Career opportunities, Stress management, Attitude, Goal Setting, Communicative Skills and Interpersonal Skills. He also insisted on group dynamics and said it is very essential to learn how to work in groups to bring about the overall effectiveness in one self.


He explicated about handling stress and listed out the steps as identifying the stress factor, decompressing stress, reframing the situation and managing stress quietly. He insisted on the importance of time management and gave some tips for managing time. Then to goal setting then moved on to delineating Attitude by reinforcing attitude is everything. To have a positive attitude one has to decide to be happy and share that happiness he added.

He then slid to talk about the importance of programming languages and also said consistent and regular practice is vital to be a profound programmer and insisted reading and writing a lot of codes is necessary to expertise in coding.


He coined a two key trick to handle failures - think and throw away and about how to choose one's career based on interest, skill and opportunity. He encouraged the audience by saying the opportunity in IT is always blooming because all the essential sectors like banking, retail, media, pharmaceutical and dependent on IT.

He listed out the soft skills, interdisciplinary leadership, technology and business competencies needed. He gave information about careers in computer industry and choosing a career for one. Finally he unveiled the critical success factors as taking risks, filling gaps, taking up tough jobs, having a right attitude and developing functional and people oriented skills. Every participant was eagerly asked their queries at the end.

The webinar was arranged by the utmost cooperation of the staff of the department and at the outset it was a big success.


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**J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI,
DEPARTMENT OF COMPUTER SCIENCE
REPORT ON WEBINAR - 2**

TITLE: RECENT TRENDS IN COMPUTER SCIENCE

DATE: 06.6.2020

An International webinar on "**Recent Trends in Computer Science**" was organized by the Cybertech Association of the PG and Research Department of Computer Science on 06.6.2020 with two sessions. **Dr.Zahid Zara** , Associate Professor, Jawaharlal Nehru University, New Delhi , was the resource person for the first session and spoke under the topic "**Computational Grid: Another Drop in the Ocean of Distributed Computing**". The title of the second session was "**Successful Testing Practices from Real Time Concepts**" handled by **Mr.B.Senthil Kumar**, Digital UAT Administrator, Al Rajhi Bank, King Fahad Road, Riyad, KSA.

In the first session Dr. Zahid started with the utilization of grid computing by comparing it to parallel computing and he explained the need of grid computing in the present day. Then he explained about data intensive computing on grid. He described the grid infrastructure, types of grid and the uses of grid computing in various fields. He then deciphered how a typical grid computing environment will look and then he slid to explicate the layered grid architecture with the help of parallel and distributed system. He also explained the issues and challenges in grid computing implementation and its vital role in future market. He concluded with tips of offering trusted and secure services using grid.


In the second session Mr.B.Senthil Kumar very well explained about all the fundamentals of testing in terms of different phases, different types of testing and also the most essential needs of testing needed today. He concluded the session by listing out the career opportunities for the testing professionals.

Dr.S.Sudha, Head of the Department gave the welcome address and vote thanks. All the participants eagerly asked their queries at the end. The webinar was arranged by the utmost cooperation of the staff of the department and at the outset it was a big success.


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**J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI,
DEPARTMENT OF COMPUTER SCIENCE
REPORT ON WEBINAR**

TITLE: A NEW PERSPECTIVE ON MANET

DATE: 17.6.2020


A one day webinar on "A New Perspective on MANET" was organized by the Cybertech Association of the PG and Research Department of Computer Science on 17.6.2020. **Dr.T.N.Ravi**, Assistant Professor, Department of Computer Science, Periyar E.V.R. College(Autonomous), Trichy was the resource person.

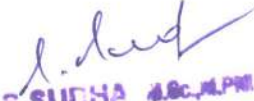
He put forth plenty of ideas and essential tips for the researchers and for the teaching community respect to the research area of MANET. He started with the evolution of MANET by broaching the growth of laptops and 802.11/Wi-Fi wireless networking has made it a popular research topic since the mid-1990s. Many academic papers evaluate protocols and their abilities, assuming varying degrees of mobility within a bounded space, usually with all nodes within a few hops of each other he added. He gave a clear picture on the different parameters such as the packet drop rate, the overhead introduced by the routing protocol, end-to-end packet delays and network throughput in order to scale the ability of a MANET.

He then listed out the protocols and standards of a MANET and also the types of Ad hoc networks such as Mobile ad hoc networks called MANETs, Vehicular ad hoc networks called VANETs, Intelligent vehicular ad hoc networks called InVANETs, Smartphone ad hoc networks called SPANs, Internet-based mobile ad-hoc networks called iMANETs and elaborated the core concepts and challenges of maintaining each and also the applications of them in the appropriate field. He then talked in detail about the Intelligent VANET and its working methodology. He was so particular about the upcoming problems of research in MANET and clearly stated the challenges and advantages. He awfully encouraged the budding researches to put their efforts in research to the fullest in order to make the research successful and meaningful.

Dr.S.Sudha, the Head of the Department gave the welcome address and **Dr.Rathna Devi**, Assistant Professor of the same department gave vote thanks. All the participants eagerly asked their queries at the end and got clarified. The webinar was arranged by the fullest support of the staff of the department and at the outset it was a big success.




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**J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI,
DEPARTMENT OF COMPUTER SCIENCE
REPORT ON WEBINAR**

Title : STRESS MANAGEMENT TECHNIQUES

Date : 15.07.2021


A webinar on "**Stress Management Techniques** " was organized by the Cybertech Association of the PG and Research Department of Computer Science on 15.7.2021. **Dr.R.Victor Lazarus**, Associate Professor, Department of Business Administration and Associate Dean, Placement Cell, Bishop Heber College(Autonomous), Trichy was the resource person.

Dr.R.Victor Lazarus shared exemplary ideas about handling stress. He motivated the students by saying how to keep positive attitude towards everything even in tough times. He gave excellent tips to the students for searching jobs and preparing for it. He gave various placement opportunities in different sectors and how to prepare for the interviews.


The resource person was very good in communicating people and so he put forth some tips about how to communicate with people and how to be successful in sharing professionally required details with them which seemed to be very helpful to the attendees. He also shared his experience in public sector for a decade. That was also added meaning to the session.

The interaction with the students in the middle went on very well and students were interestingly participating. He also explained the issues and challenges faced by the youth in current days society and said how to face it.

The students interacted very eagerly and got all their doubts clarified. Dr.S.Sudha, Head of the Department gave the welcome address and Mrs.J.Nithyapriya, Assistant Professor, Department of Computer Science gave vote thanks. The participants eagerly asked their queries at the end. The webinar was arranged by the utmost cooperation of the staff of the department and at the outset it was a big success.


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**J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI,
DEPARTMENT OF COMPUTER SCIENCE
REPORT ON WEBINAR**

Title : Opportunities and Challenges of IoT

Date : 16.7.2021


A webinar on "Opportunities and Challenges of IoT" was organized by the Cybertech Association of the PG and Research Department of Computer Science on 16.7.2021. **Dr.P.Eswaran**, Assistant Professor, Department of Computer Applications, Alagappa University, Karaikudi was the resource person.

DrP Eswaran handled an ideal session on IoT. He started with stating the fruitfulness of science and technology and also warned about the hazards of it. He noted that if technology is handled by pathological enemies it will become an axe. He shared highly professional slides with images and videos of the recent trend IoT. The participants enjoyed and gathered many new ideas about IoT.


The resource person neatly explained the concept of IoT and its protocols with the relevant examples and detailed demonstrations. He was so kind enough to attend the queries and doubts of the students in the middle. This added a meaningful flavor to the webinar.

The interaction with the students at the end went on very well and students were interestingly participating. He also explained the opportunities and challenges of IoT in an effective manner and also the applications of IoT.

The students interacted very eagerly and got all their doubts clarified. Dr.S.Sudha, Head of the Department gave the welcome address and Mrs.J.Nithyapriya, Assistant Professor, Department of Computer Science proposed vote thanks. The webinar was arranged by the utmost cooperation of the staff of the department and at the outset it was a big success.


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J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI
DEPARTMENT OF COMPUTER SCIENCE
REPORT ON WEBINAR

Title : AN OVERVIEW OF MEDICAL IMAGING AND SEGMENTATION

Date : 22.7.2021


A webinar on "AN OVERVIEW OF MEDICAL IMAGING AND SEGMENTATION " was organized by the Cybertech Association of the PG and Research Department of Computer Science on 22.7.2021. **Dr.P.Kalavathi** , Professor, Department of Computer Science and Applications, The Gandhigram Rural Institute (Deemed to be university) ,Gandhigram, 624 302 was the resource person.

Dr.P.Kalavathi presented very neatly the corner stones of Digital Image Processing. She commenced with the fundamentals of DIP for beginners. She slowly moved on with where and all DIP is applied. Then she came out with the advancements OF DIP explaining about Pet images and its machine. She added narrating about the Ultra sound images continued by saying about the Laparoscopy and images and its machine.


She described the challenges in Images processing by saying about the representation of medical images through computer , Medical images analysis, Medical images Segmentation , Fundamental approaches in Medical images analysis Edge based methods, Threshold based Segmentation methods, Histogram shape based methods, Region based methods, Clustering based methods, Level set based method, Artificial Neural network based methods and Hybrid methods.

The interaction with the students in the middle went on very well and students were interestingly participating and came forward with their doubts and queries about Digital Image Processing. The participants got a clear idea about Segmentation and methods.

The students interacted well and got all their doubts clarified. **Dr.S.Rathnadevi** , Assistant Professor, Department of Computer Science gave the welcome address and **V.Vani**, of the same department proposed vote thanks. The webinar was arranged by the utmost cooperation of the staff of the department and at the outset it was a big success.


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**J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI,
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REPORT ON WEBINAR**

Title : RECENT TRENDS IN SOFTWARE DEVELOPMENT

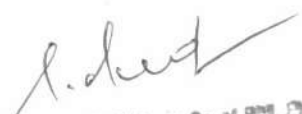
Date: 27.7.2021

A webinar on "Recent Trends in Software Development" was organized by the Cybertech Association of the PG and Research Department of Computer Science on 27.7.2021. **Mr. Marimuthu Periyannan** , Technical Lead, Capgemini India private Ltd. Bengaluru, was the resource person.


Mr. Marimuthu Periyannan set his own life as an example before the students by narrating all hurdles he faced over the run and said how he succeeded. That was the most effective portion of the webinar. He continued by delineating the Challenges faced by IT professionals, Phases of software engineering, Current trends in IT industry and Perspectives of IT industry.

He carried on by saying about Product based industries and Service based industries. He stayed with explaining project development milestones by saying about DevOps tools , Important apps to use from play store , How to develop online apps and tools, Testing our own application using Junit,Perrit , Many famous and upcoming frontend applications, backend tools, middleware and web servers. Lastly he put forth his ideas about cloud storage which is very vital for the job seekers in IT industry.

There was much interest shown by the participants and they came forward with their doubts and queries about the recent trends and got them clarified. Dr.S.Sudha, Head of the Department gave the welcome address and Dr. S.Rathan devi , Assistant Professor, Department of Computer Science gave vote of thanks. The webinar was arranged by the utmost cooperation of the staff of the department and at the outset it was a big success.


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**J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI,
DEPARTMENT OF COMPUTER SCIENCE
REPORT ON WEBINAR**

Title : FIND OUT THE SECRETS STAYING COMPETITIVE IN LIFE


Date : 29.7.2021

A webinar on " **FIND OUT THE SECRETS STAYING COMPETITIVE IN LIFE** " was organized by the Cybertech Association of the PG and Research Department of Computer Science on 29.7.2021. **Mr. Meer Sadhruddin, CEO, HAAQ Academy, Bengaluru** was the resource person.


Mr. Meer Sadhruddin led the session very interesting. He taught the life skills such as responsibility, character, discipline and everything with live examples. He noted Ability, Brilliance and Approach to be the three keys with which one's character is determined. He emphasized Idea and Attitude in one's life make it content. He insisted the difference between Hard work and smart work. He narrated how procrastination delays success and how to get rid of that.

He added by saying the route to connect things emotionally, socially, intellectually and how to be competent enough considering the recent trends. He went on explaining about adversary quotient. He also described the seven areas of life and suggested all those areas have to be concentrated in order to avoid failure.

There was much interest shown by the participants and they came forward with their doubts and queries about life skills and got them clarified. Dr.S.Sudha, Head of the Department gave the welcome address and Mrs.J.Nithyapriya, Assistant Professor, Department of Computer Science gave vote of thanks. The webinar was arranged by the fullest cooperation of the staff of the department and the students.


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**J.J. COLLEGE OF ARTS AND SCIENCE (Autonomous), PUDUKKOTTAI,
PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE
REPORT ON SPECIAL LECTURE PROGRAMME**

TITLE: SOFT SKILLS FOR IT PROFESSIONALS

DATE: 30.11.2021

A special lecture programme on " **Soft skills for IT Professionals**" was organized by the Cybertech Association of the PG and Research Department of Computer Science on 30.11.2021. **Dr.C.Balakrishnan** , Assistant Professor, Alagappa Institute of Skill Development , Alagappa university, Karaikudi was the resource person.

Dr.C.Balakrishnan shared splendid ideas about the recent trends of hiring professionals into IT industry. He gave an outline about the need for soft skills in IT industry. He motivated the students by saying how to stay positive even in tough times. He gave excellent tips to the students for searching jobs and preparing for it. He gave various placement opportunities in different sectors and how to prepare for the interviews.

He also described about hard skills and also the difference between sot skills and soft skills. He also said learning soft skills is a continuous process. While talking about softskills he said about the challenges of work- life balance. He astonished the gathering by saying softskills is 92% important to get rid of interviews.

The interaction with the students in the middle went on very well and students were interestingly participating. He also explained the issues and challenges faced by the youth in current day society and said how to face it. He gave ample information about Correct, concise, concrete, complete, clear, courteous and considerate.

He insisted the important attributes of soft skills as problem solving, communication, creativity, determination, flexibility, leadership and negotiation. He also enforced the importance of the qualities responsibility, time management, flexibility, decisiveness and conflict resolution. He came out by saying creativity encompasses imagination, forward thinking, strategy, open mindedness and analytical skills. He kept on explaining by saying passion and determination leads to success.



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Leadership is the art of motivating a group of people to act towards a common goal. He forwarded to explain leadership is a set of qualities such as strategic thinking, ability to work under pressure, attention to detail, project management skills and desire to keep learning.

The students gave very positive feed back, they interacted very eagerly and got all their doubts clarified. Ms. Shyamala of I MSc Computer Science welcomed the gathering and Ms. Sri Nivetha of IIIBSc Computer Science gave vote of thanks. The participants eagerly asked their queries at the end. The webinar was arranged by the utmost cooperation of the staff of the department and at the outset it was a big success.




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