NEWSLETTER INFOSCIENCE

Vol 3 Issues 2

DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING

HOD's DESK

❖ The gains in education are never really lost. The object of teaching a student is to enable him to get along without his teacher.

❖ Building positive relationships with students bring me joy.

❖ It is their needs and diverse experiences that make my job exciting and rewarding and gave me a wonderful opportunity for exchanging and sharpening the knowledge for stimulating interest and curiosity in a variety of subjects which are essential to true education.

Dr. P. MayilvelKumar M.E., Ph.D

INSTITUTE VISION AND MISSION

VISION:

❖ To impart quality technical education emphasizing innovations and research with social and ethical values.

MISSION:

❖ Establishing state-of–the-art infrastructure, effective procedures for recruitment of competent faculty and innovative teaching practices.

❖ Creating a conductive environment for nurturing innovative ideas and encouraging research skills.

Inculcating social and ethical values through co-curricular and extra-curricular activities.

DEPARTMENT VISION AND MISSION

VISION:

❖ To provide technical education in the field of Computer Science and Engineering by imparting employability, research capabilities, entrepreneurship with human values.

MISSION:

❖ Adopting innovative teaching learning practices through the state-of-the-infrastructure.

❖ Establishing a conductive environment for innovations and research activities.

❖ Inculcating leadership skills, moral and social values through extension activities.

Editorial Committee:

Staff members	Student members
Dr.A.Sabanayagam	Sharon. J
Mr.P.N.Ramesh	Swathi. N

MOU'S SIGNED

Karpagam Institute of Technology has signed an MOU with Infosys Limited on

19-01-2019 and Elysium Academy on 01.03.2019.

SEMINARS, SYMPOSIUMS, GUEST LECTURES AND WORKSHOPS ORGANIZED

CSE DEPARTMENT CONDUCTED THE WEBINAR ON "WEB APPLICATION USING NODE JS" ON 23.04.2019.

Node.js (Modules)

Module name	Description
buffer	buffer module can be used to create Buffer class.
console	console module is used to print information on stdout and stderr.
dns	dns module is used to do actual DNS lookup and underlying o/s name resolution functionalities.
domain	domain module provides way to handle multiple different I/O operations as a single group.
fs	fs module is used for File I/O.
net	net module provides servers and clients as streams. Acts as a network wrapper.
os	os module provides basic o/s related utility functions.
path	path module provides utilities for handling and transforming file paths.
process	process module is used to get information on current process.

Resource Person Mr.D.Vigneshwaran discussed about the web modules in Node,js

Department of Computer Science and Engineering, Karpagam Institute of Technology & Institution's Innovation Council jointly organized a Webinar in "Web applicationusing Node JS" their skills and knowledge in the development of real-time and multi-user web applications using Node JS that run across distributed devices on 23.04.2019.Faculty Coordinator gave welcome address and Chief Guest Introduction. The session was handled by the Resource PersonMr.D.Vigneshwaran, Optimum Solutions, Senior Web Developer, Chennai. In the first half of the session, he gave a brief introduction about the layers of web application, web modules in node.js, Apache web server to support the server side scripts using scripting language. Then, he discussed the routing methods to determine how an application responds to a client request to a particular end point, and he gave a demo in the development of a web application based on the real world requirements.

Webinar on Engineers For A Sustainable World on 20.02.2019

What is Sustainability ?

Sustainability is…

"development that meets the needs of the present without compromising the ability of future generations to meet their own needs"

Resource Person Dr.K.Samuveldiscussed about Sustainability

Traditional engineering Vs. sustainable engineering

Traditional Engineering:

- Considers the *object*

- Focuses on technical issues

- Solves the immediate problem (*now*)

- Considers the local context (*user*)

- Assumes others will deal with politics, ethics & societal issues

Sustainable Engineering:

- Considers the *system* in which the object will be used

- Integrates technical and non-technical issues

- Strives to solve the problem for the indefinite future (*for ever*)

- Considers the global context (*planet*)

- Acknowledges the need for engineers to interact with experts in other disciplines related to the problem

Resource Person Dr.K.Samuveldiscussed about Traditional Engineering vs Sustainable Engineering

Department of Computer Science and Engineering, Karpagam Institute of Technology & Institution's Innovation Council Jointly organized a Webinar on Engineers for a Sustainable Worldon 09.02.2019. Ms.J.K.Kiruthika, AP/CSEgave welcome address and Chief Guest Introduction. The session was handled by the

Resource PersonDr.K.Samuvel, Hindusthan College of Engineering and Technology, Coimbatore. In the first half of the session, he gave some short introduction aboutEngineers for a Sustainable World, then he explained about theDesign and implement sustainable projects. Resource Person helps the students to create innovative Build a global network of communities with a shared culture of sustainability.

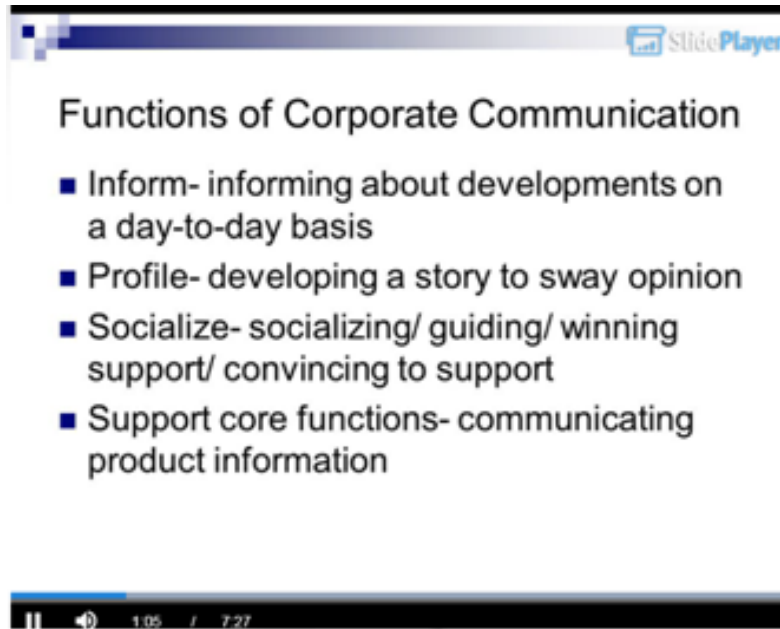### Webinar on Web Application Development Angular JSon 09.02.2019

Resource Person discussed about Angular js

Department of Computer Science and Engineering, Karpagam Institute of Technology & Institution's Innovation Council, Jointly organized a Webinar on WebApplication development Angular JS to become an Entrepreneur on 09.02.2019. Faculty Coordinator gave welcome address and Chief Guest Introduction. The session was handled by the Resource PersonMr.Mr.MuraliSampath K, OG Software Solutions,Chennai. In the first half of the session, he gave some short introduction aboutbasics of WebApplication development using various web application software, then he explained about the Innovative ideas, tools, web application development industry revenue details,Technology used in the web application development.Resource Person helps the students to create innovative web application to become a successful Entrepreneur.

Guest Lectureon Importance Of Corporate Communication on 20.02.2019

Functions of Corporate Communication

- Inform- informing about developments on a day-to-day basis
- Profile- developing a story to sway opinion
- Socialize- socializing/ guiding/ winning support/ convincing to support
- Support core functions- communicating product information

Resource Person Presented about Corporate Communication

Department of Computer Science and Engineering, Karpagam Institute of Technology & Institution's Innovation Council,Jointly organized a Guest lecture on Importance of Corporate Communicationon 09.03.2019. Mrs.C.Kalpana,AP/CSE gave welcome address and Chief Guest Introduction. The session was handled by the Resource Person Mr.KuppurasuNagaraj, Software Engineer, Kovai.com.Mr.N.Anand Kumar, Assistant Professor, Park College of Engineering and Technology, Coimbatore.The resource person encourage the students to improve their skills, increases self awareness and learn how to deal with difficult behavior. Also he discussed about key reasons why each student need to build strong corporate communication.

Seminaron Corporate And Strategic Entrepreneurship on 20.05.2019

Department of Computer Science and Engineering, Karpagam Institute of Technology organized a Seminar on Corporate and Strategic Entrepreneurshipon 20.05.2019. Dr. P. Mayilvelkumar, HOD/CSE gave welcome address and Chief Guest Introduction. The session was handled by the Resource PersonMr.P.DevanMenon,Managing Director,SDS Engineering Pvt Ltd,Coimbatore.The resource person provides insights on importance of developing entrepreneurship skills among the students. Also he shared the views and

thoughts on being a successful entrepreneur and winning stories of top entrepreneurs in the corporate industry.

Training On Verbal And Communication Skills on 11.05.2019

Department of Computer Science and Engineering, organized training verbal and communication skills on 11.05.2019. Faculty coordinator of event gave welcome address and Introduced Chief Guest to the gathering. The session was handled by our Resource PersonMs.Uma Krishnan Senior Associate, Cognizant Technology Solutions.This Effective communication program focus to develop students communication skills in all aspect of human life from the personal life to social gatherings and everything between. This training also includes listening based exercises and quizzes to emphasize the importance of listening to effective communication. In the valedictory program held at the end, a few participants gave their feedback explaining how the program helped them improve their communication skills and made them more confident of using English in a better way. In his valedictory address, the Principal congratulated both the participants and the resource persons for organizing the programme successfully and requested the participants to constantly improve upon their skills and competencies for their personal and professional growth. The program ended with a vote of thanks by Mrs.J.K.Kiruthika.

FDP Attended

❖ Dr.P.Mayilvel Kumar had participated in Faculty Development Program titled "Cryptography and Network Security" from January toApril 2019 organized by NPTEL.

❖ Dr.P.Mayilvel Kumar had participated inShort Term Course titled "Next Generation Wireless Networks" from 29.04.2019 to 03.05.2019and "Mobile Broadband Transformation" from 13.05.2019 to 17.05.2019 organized by NPTEL.

- ❖ Mrs.K.Kalaiselvihad participated in Faculty Development Program titled "Next Generation Wireless Networks" from 29.04.2019 to03.05.2019 and "Mobile Broadband Transformation"from 13.05.2019 to 17.05.2019 organized by NITTR.

- ❖ Mrs.K.Kalaiselvi attended Faculty Development Program in "Database Management System" from February to April 2019 conducted by NPTEL.

- ❖ Mr.P.N.Ramesh attended Faculty Development Program in "Programming in JAVA" from January to April 2019 conducted by NPTEL.

- ❖ Mrs.S.Bhuvaneshwari had participated in Faculty Development Program titled "Privacy and Security in Online Social Media" from January to April 2019.

- ❖ Mrs.S.Bhuvaneshwari had participated in Faculty Development Program titled "Cloud Infrastructure and Services" from 12.06.2019 to 14.06.2019.

- ❖ Ms.V.R.Karishmahad participated in Faculty Development Program titled "Privacy and Security in Online Social Media" from January to April 2019.

- ❖ Ms.M.Shenbagadevihad participated in Faculty Development Program titled "Joy of Computing using Python" from January to April 2019 conducted by NPTEL.

- ❖ Mr.R.Ragunathparticipated in Faculty Development Program titled "Computer Organization and Architecture: A Pedagogical Aspect' from January to April 2019 conducted by NPTEL.

❖ Laxmi Raja published, "A comparative study of various artificial neural network classifiers for EEG based autism spectrum disorder diagnosis", in Jan 2019.

CLUB ACTIVITIES

Innovation Hub Club:

❖ The students of CSE and IT inaugrated "Innovation Hub Club" and conducted the inaugural events like "Ideathon" and "Debate" at Kit auditoriumon on 22 February 2019

Inauguration function – Innovation Hub Club

e-yantra Club

❖ KIT team with iitm e-yantra team attended a 2daysworkshop in BIT on 28th july 2018 and setup e-yantra lab on 09.04.2019

Snapshot of e-yantra

SOCIAL ACTIVITIES

Aadhar camp

Lakshmi Vilas Bank, Eachnari branch, Coimbatore and NSS club of our college conducted Aadhar Camp on 26.02.2019 and 27.02.2019(both days)

Snapshot of the activity

STUDENTS ACHIEVEMENTS

Events Participation by students

S.No	Date	Name of the Students	Name of the Event	Name of the Organizer	Achievements / Prizes / Positions
1.	2-3-2019 & 3-3-2019	P.Aravind S.Anitha M.Balamuralikrishnan S.Yeswanth D.Kannimuthu K. Bharath.	Smart INDIA Hackathon 2019	MHRD	National Finalist
2.	21.02.19	P.Subha K.Vignesh	Workshop on Android Fundamentals	Sri Krishna Arts & Science College, Coimbatore	Participated
3.	20.02.19	V.Gomathi N.Gayathri	Ethical Hacking workshop	Karpagam University, Coimbatore	Participated
4.	18.02.19	S.Rohith	Certification on Cloud Computing and Distributed System	NPTEL	Participated
5.	17.02.19 to 18.02.19	P.Kaviya, J.Sharon, M.Vedasruthi B.Vinothini	Ventura'19	NIT	Participated
6.	17.02.19	P.Kaviya J.Sharon M.Vedasruthi	Training Program on E-Cell startup	Anna university Regional campus, Coimbatore	Participated
7.	16.02.19 to 17.02.19	Manikandan.V Jitheandra	Workshop on Artificial Intelligence	NIT,Trichy	Participated
8.	16.02.19 to	Joel Johnson Kavin Kumar K	Workshop on Android development	NIT,Trichy	Participated

	17.02.19	Ranjith			
9.	12.02.19 13.02.19	Kaviya.V Janani S Divya B	Workshop on Deep Learning	PSG Itech	Participated
10.	12.02.19 13.02.19	Monika .M AmirthaVaarshini K	Workshop on Deep Learning	PSG Itech	Participated
11.	12.02.19	Nandhini R Gayathre B Harshini CS Kaviyalakshmi K R K Sankareswari K	Workshop on Artificial Intelligence0	PSG Itech	Participated
12.	09.03.19	R.Nevatha D.Deepika	Workshop on Machine Learning	Government College of Technology, Coimbatore	Participated

SAMPLE CERTIFICATES

CULTURAL ACTIVITIES

HOSTEL DAY CELEBRATION

11th annual day celebrated on 27.03.2019

EDITORIAL FACULTY MEMBERS

- **Dr.A.Sabanayaga**
- **Mr.P.N.Ramesh**

EDITORIAL STUDE

- **Mr.J.Sharon**
- **Ms.N.Swathi**

GET IN TOUCH NOW!

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