



# KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641 021, Tamil Nadu, India.

Phone : 0422 - 2980011 - 14 | Fax : 0422 - 2980022 | Email : info@kahedu.edu.in

**KARPAGAM**  
ACADEMY OF HIGHER EDUCATION

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**Prof.Dr.M. Palaniswamy, M.Sc., M.Phil., PhD.**

**Registrar**

**Ref.KAHE/R/NAAC/DVV/2021/**

**03.05.2021**

## Certificate of Authentication

This is to certify that the following documents related to the Metric ID. 6.3.3 (49 pages) are duly verified and authenticated by the Registrar, Karpagam Academy of Higher Education for DVV purpose.



*M. Palaniswamy*  
03/05/2021

**Registrar**

**REGISTRAR**

**Karpagam Academy of Higher Education**

(Deemed to be University Under Section 3 of UGC Act 1956)

**Pollachi Main Road, Eachanari Post,  
Coimbatore - 641 021.**

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## 6.3.3. The Brochures, Reports with Photographs and List of Participants of the following Professional Development/ Administrative Training Programs for the year 2018-2019 as follows

S. No.	Title of the Professional Development/Administrative Training Programmes
1	Three Days Workshop on Effective Public Speaking
2	Seven Days Professional Development Program on Internet of Things
3	Seven Days Professional Development Program on Biomedical Signal Processing Using MATLAB
4	Faculty Development Programme on Teacher Quality and Soft Skill Development
5	Seven Days Faculty Development Programme on Advanced Digital Signal Processing and Applications
6	Faculty Development Programme on Investment Management
7	Faculty Development Programme on Queuing Theory
8	Skill Development Program on Microsoft Office 365
9	Workshop on Advances in Welding Technology

## **ORGANIZING COMMITTEE**

### **Chief Patron**

Dr. S. SUDALAIMUTHU

Vice-Chancellor

Karpagam Academy of Higher Education

### **Patron**

Dr. R. SUNDARARAJAN

Registrar

Karpagam Academy of Higher Education

### **Patron**

Dr. G. K. D. PRASANNA VENKATESAN

Dean, Basic Science

Karpagam Academy of Higher Education

### **Organizing Secretary**

Dr. P. T. Hemamalini

Head of the Department

Department of Science and Humanities.

### **Organizing Team Members**

Mr. A. Muthukannan

Assistant Professor

Ms.C.Indra

Assistant Professor

## **Resource Persons and Topics**

Mr. Jibin Francis,  
Department of English,  
Cochin Institute of Science and Technology  
Cochin.

### Day 1 Topics:

Stage Performance Techniques.  
&  
Non-Verbal Communications

### Day 2 Topics:

Knowing Audience  
&  
Effective Presentation

### Day 3 Topics:

Using Aids for Illustration  
&  
Interaction sessions & Presentation  
(Practical Session)

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A Joint Programme of  
Centre for Human Resource Development  
and  
Department of Science and Humanities

Three Days Workshop

on

**EFFECTIVE PUBLIC SPEAKING**

13th to 15th November 2018

Organized By

**Department of Science and Humanities**

**Venue: UM 111**



**KARPAGAM ACADEMY OF HIGHER EDUCATION**  
(Deemed to be University Established Under Section 3 of UGC Act 1956) Pollachi Main Road, Eachanari Post,  
Coimbatore – 641 021. INDIA Email ID: [info@karpagam.com](mailto:info@karpagam.com) Web: [www.kahedu.edu.in](http://www.kahedu.edu.in)

**A JOINT PROGRAMME OF  
CENTRE FOR HUMAN RESOURCE DEVELOPMENT  
AND  
DEPARTMENT OF SCIENCE AND HUMANITIES**

**Report on three days Workshop**

**Area:** Workshop on Effective Public Speaking

**Date:** 13.11.2018-15.11.2018

**Venue:** FoP Seminar Hall

Behalf of **Science and Humanities Department, FoE, C. Indra**, who had organized a Three Days Workshop on Effective Public Speaking on 13<sup>th</sup> to 15<sup>th</sup> November 2018 at **Karpagam Academy of Higher Education. Dr.P.T. Hemamalini Professor and Head, Department of Science and Humanities** Felicitated and welcomed the Faculties for the workshop.

The Resource person of the workshop was **Mr.Jibin Francis**, who is presently working in Cochin Institute of Science & Technology, Department of English, Cochin, as an Assistant Professor. He has specialized in Soft skill and Life skill Development over the past two years. Dr. G.K.D.Prasanna Venkatesh, Dean, FoE, KAHE felicitated the event and bestowed his appreciation to the department.

The workshop gave plenty no. of ideas to enhance the skill of public speaking and insisted about the through pre-preparation for effective delivery of content. The workshop triggers the spark of all faculty members to come forward and equip their selves to be a resource person for some events. In nut-shell this programme was a good eye-opener for the aspirants of becoming effective speakers.

The programme came to an end with the vote of thanks by the organizer Ms. C. Indra. She thanked the resource person, HoD and Dean for giving such opportunity to conduct this workshop and she added that it gave her immense strength to organize various events in future.

**A JOINT PROGRAMME OF  
CENTRE FOR HUMAN RESOURCE DEVELOPMENT AND DEPARTMENT OF SCIENCE AND HUMANITIES**

Workshop on Effective Public Speaking



Interaction Session of the Workshop “Effective Public Speaking” on 15.11.2018

**FACULTY OF ENGINEERING**  
**A JOINT PROGRAMME OF**  
**CENTRE FOR HUMAN RESOURCE DEVELOPMENT AND DEPARTMENT OF SCIENCE AND HUMANITIES**

**WORKSHOP ON EFFECTIVE PUBLIC SPEAKING**

**LIST OF PARTICIPANTS on 13.11.2018 to 15.11.2018**

<b>S.NO</b>	<b>NAME OF THE FACULTY</b>	<b>DESIGNATION</b>
1.	Dr. P. T. Hemamalini	HOD/Professor
2.	Dr. M. Deivanayaki	Assistant Professor
3.	Mrs. B. Deepa	Assistant Professor
4.	Mr. B. Arun	Assistant Professor
5.	Mrs. V. Vijayalakshmi	Assistant Professor
6.	Ms. R. Jagatheeshwari	Assistant Professor
7.	MrsP.Usha	Assistant Professor
8.	Mr. A. Muthukannan	Assistant Professor
9.	Ms.S. Kavitha	Assistant Professor
10.	Dr. A. Kathiresan	Professor
11.	Dr. K. Shankar	Assistant Professor
12.	Mrs. S. Hemalatha	Assistant Professor
13.	Dr. P. Muthukrishnan	Assistant Professor
14.	Dr. C.Selvamani	Professor
15.	Dr.P.Sakthivel	Assistant Professor
16.	Ms.R.Vidhya	Assistant Professor
17.	Ms.V.Saranya	Assistant Professor
18.	Ms.V.Gokila	Assistant Professor
19.	Ms.R.Sumathi	Assistant Professor
20.	Ms.C.Indra	Assistant Professor

## ORGANIZING COMMITTEE

Chief Patron

**Dr.S.Sudalaimuthu**

*Vice Chancellor*

*Karpagam Academy of Higher Education*

Patron

**Dr.R.Sundararajan**

*Registrar*

*Karpagam Academy of Higher Education*

**Dr.G. K. D.Prasanna Venkatesan**

*Dean*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

Convenor

**Dr.S.Bhavani**

*Head of the Department*

*Department of Electronics and communication Engg*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

Organizing Secretary

**Mr.G.R.MahendraBabu, M.E**

*Department of Electronics & Communication Engg*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

**Mail: [mahendrababu.gr@kahedu.edu.in](mailto:mahendrababu.gr@kahedu.edu.in)**

**Contact No: +91 9965539275, +91 7795614984**

Organizing Crew

Mr.J.Shafiq Mansoor, AP/ECE/KAHE

Mr.M.Darani Kumar, AP/ECE/KAHE

Mr.T.S. Aravinth, AP/ECE/KAHE

## Topics to be Covered:

### DAY 1:

Introduction to IoT, Current products, IoT for Open source electronics, IoT Languages and its Tools.

Speaker: Dr.P.T.Vanathi, Associate Professor, ECE

PSG College of Technology

### DAY 2:

Communication Protocols, Interconnections, System. Design and Development, Latest Sensors and Actuators.

Speaker: Dr.T.Kesavamurthi, Associate Prof, ECE

PSG College of Technology

### DAY 3:

Introduction to Embedded Systems.

Speaker: Dr. J.Ramesh, Assistant Professor, ECE

PSG College of Technology

### DAY 4:

Real Time Operating Systems.

Speaker: Dr.S.HemaChitra, Assistant Professor, ECE

PSG College of Technology

### DAY 5:

IoT Cloud, Image Processing Applications in IoT.

Speaker: Dr. M. Jayasanthi, Associate Professor, ECE

**PSG Institute of Technology and Applied**

**Research, coimbatore**

### DAY 6 :

Data Management and Big Data Analytics in IoT.

Speaker: Dr.Tamilselvan, Associate Professor, KPR

Institute of Engineering and Technology, Arasur.

### DAY 7 :

Research Issues and Case Studies in IoT. Socket Programming, MQTT Protocol.

Speaker: Dr.RamalathaMarimuthu, Professor,

Kumaraguru college of Technology, Cbe

**Venue: DSP Laboratory**

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A Joint Programme of Centre for Human  
Resource Development  
and  
Department of Electronics &  
Communication Engineering

Organizes

Seven Days FDP

On

**"Internet of Things"**

on

13.11.2018 to 20.11.2018



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## **FACULTY OF ENGINEERING**

### **A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE DEVELOPMENT AND DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Report of Seven Days FDP on "**Internet of Things**" held on 13.11.2018 to 20.11.2018, organized By Department of Electronics & Communication Engineering, KAHE.

This Programme is designed to provide the state of the art trends and advancements in Internet of Things in Educational Canvas. The Programme will focus on theoretical aspects as well as on providing hands on experience to the participants, who enable themselves to promote industry and institute collaborations by working on the industrial projects and able to solve the current research problems. The participants will be introduced to fundamentals of Internet of Things and develop the understanding of how to use embedded & wireless hardware and programming skills to realize an IoT application. The participant will be trained with hands-on approach in order to have an in-depth insight into the domain of IoT and expose them to future of Internet of Things in Educational Canvas.

## TOPICS COVERED:

- ✚ Introduction to IoT, Current products, IoT for Open source electronics, IoT Languages and its Tools.
- ✚ Communication Protocols, Interconnections, System. Design and Development, Latest Sensors and Actuators.
- ✚ Introduction to Embedded Systems.
- ✚ Real Time Operating Systems.
- ✚ IoT Cloud, Image Processing Applications in IoT.
- ✚ Data Management and Big Data Analytics in IoT.
- ✚ Research Issues and Case Studies in IoT. Socket Programming, MQTT Protocol.

The objective of the program is to provide exposure to IoT Tools and Techniques to enhance the teaching and research skills:

- To form a bridge between the industry and academic institutions to update their knowledge.
- To understand the need of IoT in the research community and the software industry in India.
- To appreciate the differences among Big Data, Cloud Computing and IoT.
- To understand the need of innovative applications, such as Smart City, Smart Health, Smart Manufacturing, Smart Agriculture, etc.
- To train the participants on how to design and program the IoT based system.

Glimpses of Seven Days FDP on "**Internet of Things**" held on 13.11.2018 to 20.11.2018, organized By Department of Electronics & Communication Engineering, KAHE.

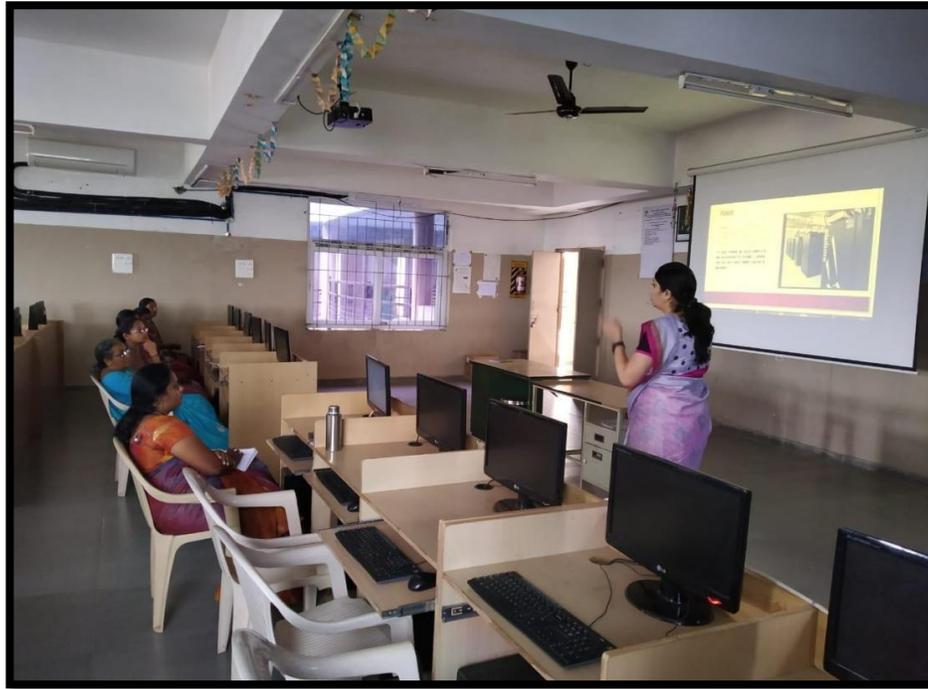


**A JOINT PROGRAMME OF  
CENTRE FOR HUMAN RESOURCE DEVELOPMENT  
AND  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Glimpses of Seven Days FDP on "**Internet of Things**" held on 13.11.2018 to 20.11.2018, organized By Department of Electronics & Communication Engineering, KAHE.



Session on "Communication Protocols, Interconnections, System. Design and Development, Latest Sensors and Actuators "held on 14.11.2018



IoT Cloud Applications in IoT session handled by Dr. M. Jayasanthi, Associate Professor, ECE **PSG Institute of Technology and Applied Research**, Coimbatore on 17.11.2018

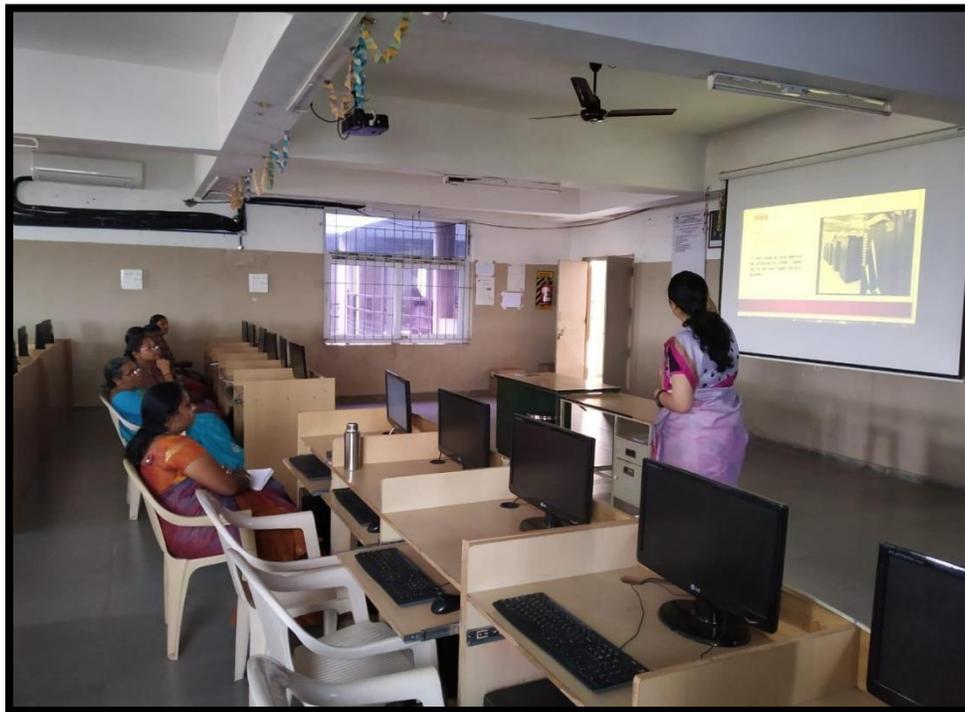


Image Processing applications in IoT session handled by Dr. M. Jayasanthi, Associate Professor, ECE **PSG Institute of Technology and Applied Research**, Coimbatore on 17.11.2018

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**A Joint Programme of  
Centre for Human Resource Development  
and  
Department of Electronics & Communication Engineering**

**Seven Days FDP on "Internet of Things" held from 13.11.2018-20.11.2018**

**LIST OF PARTICIPANTS**

S.No.	NAME	DESIGNATION	DEPARTMENT
1	Dr. S. Bhavani	Professor & Head	Faculty of Engineering, KAHE
2	Dr. P. Manimegalai	Professor	Faculty of Engineering, KAHE
3	Dr. Kamalraj Subramaniam	Associate Professor	Faculty of Engineering, KAHE
4	G.R. Mahendra Babu	Assistant Professor	Faculty of Engineering, KAHE
5	Lt.Dr.K.P. Sridhar	Assistant Professor	Faculty of Engineering, KAHE
6	M. Darani Kumar	Assistant Professor	Faculty of Engineering, KAHE
7	T.S. Aravinth	Assistant Professor	Faculty of Engineering, KAHE
8	J. Shafiq Mansoor	Assistant Professor	Faculty of Engineering, KAHE
9	P.Sasikala	Assistant Professor	Faculty of Engineering, KAHE
10	A.Regii Saral	Assistant Professor	Faculty of Engineering, KAHE
11	V.Nandhini	Assistant Professor	Faculty of Engineering, KAHE
12	S.Baskar	Assistant Professor	Faculty of Engineering, KAHE

## ORGANIZING COMMITTEE

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**Dr.G. K. D.PrasannaVenkatesan**

*Dean*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

Convenor

**Dr.S.Bhavani**

*Head of the Department*

*Department of Electronics and communication*

*Engg*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

Organizing Secretaries

**Mr.G.R.MahendraBabu,Assistant Professor**

**Dr.K.G.Dharani,Associate Professor**

*Department of Electronics & Communication Engg*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

***Mail: [mahendrababu.gr@kahedu.edu.in](mailto:mahendrababu.gr@kahedu.edu.in)***

***Contact No:+91 9965539275, +91 7795614984***

Organizing Team Members

Dr.P.Manimegalai, Associate Professor/ECE

Mr.J.ShafiqMansoor/Assistant Professor/ECE

Mr.Daranikuma,Assistant Professor/ECE

## TOPICS COVERED:

**Day 1:**

Biomedical signal origin & dynamics

**Speaker:**

Ms. D. Sudarvizhi M.E., (Ph.D.)

Assistant Professor ( Sr.G), Department Biomedical Engineering,

KPR Institute of Engineering and Technology

**Day 2:**

Filtering for Removal of artifacts

**Speaker:**

Mrs. R. Rajeshwari B.E., M.E., (Ph.D.,)

Assistant Professor,

Department Biomedical Engineering

KPR Institute of Engineering and Technology

**Day 3:**

Waveform Analysis

**Speaker:**

Dr. V. S. MAHENDRAN,

Associate Professor,

Department of Biomedical Engineering,

Sri Ramakrishna Engineering College, Coimbatore.

**Day 4:**

Frequency-domain Analysis

**Speaker:**

Dr.M.A.Raja M.E., Ph.D.,

Professor ,

Department of Biomedical Engineering,

Dr.N.G.P.Institute of Technology

**Day 5:**

Time-domain Analysis

**Speaker:**

Mrs.D.HemapriyaM.E, (Ph.D)

Assistant Professor ,

Department of Biomedical Engineering,

Dr.N.G.P.Institute of Technology

**Day 6:**

Modelling of Biomedical Systems

**Speaker:**

Mr. J. Prasad

Assistant Professor,

Department of Biomedical Engineering

Sri Ramakrishna Engineering College, Coimbatore.

**Day 7:**

Hands on session using MATLAB

**Speaker:**

Dr.VE.Jayanthi, M.E., Ph.D.,

Professor & HOD,

Department of Biomedical Engineering,

PSNA College of Engineering and Technology,

**Venue: DSP LAB**

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### A Joint Programme of Centre for Human Resource Development and Department of Biomedical Engineering

### Seven Days FDP on Biomedical Signal Processing using MATLAB

on

08.11.2018-15.11.2018

Organized By

Department of Biomedical Engineering

Faculty of Engineering



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## **FACULTY OF ENGINEERING**

### **A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE DEVELOPMENT AND DEPARTMENT OF BIOMEDICAL ENGINEERING**

### **Report of Faculty Development Programme on Biomedical Signal Processing Using MATLAB**

Report of One Week FDP on "**Biomedical Signal Processing Using MATLAB**" held on 08.11.2018-15.11.2018, organized By Department of Biomedical Engineering, KAHE.

Provides a unique emphasis on the practical aspect of implementing biomedical signal processing systems

Biomedical signals are observations of physiological activities of organisms, ranging from gene and protein sequences, to neural and cardiac rhythms, to tissue and organ images. Biomedical signal processing aims at extracting significant information from biomedical signals.

#### **TOPICS COVERED:**

- ✓ Biomedical signal origin & dynamics
- ✓ Filtering for Removal of artifacts
- ✓ Waveform Analysis

- ✓ Frequency-domain Analysis
- ✓ Modelling of Biomedical Systems

Glimpses of One Week FDP on "**Biomedical Signal Processing Using MATLAB**" held on 08.11.2018-15.11.2018, organized By Department of Biomedical Engineering, KAHE.



**A Joint Programme of**  
**Centre for Human Resource Development**  
**&**  
**Department of Biomedical Engineering**

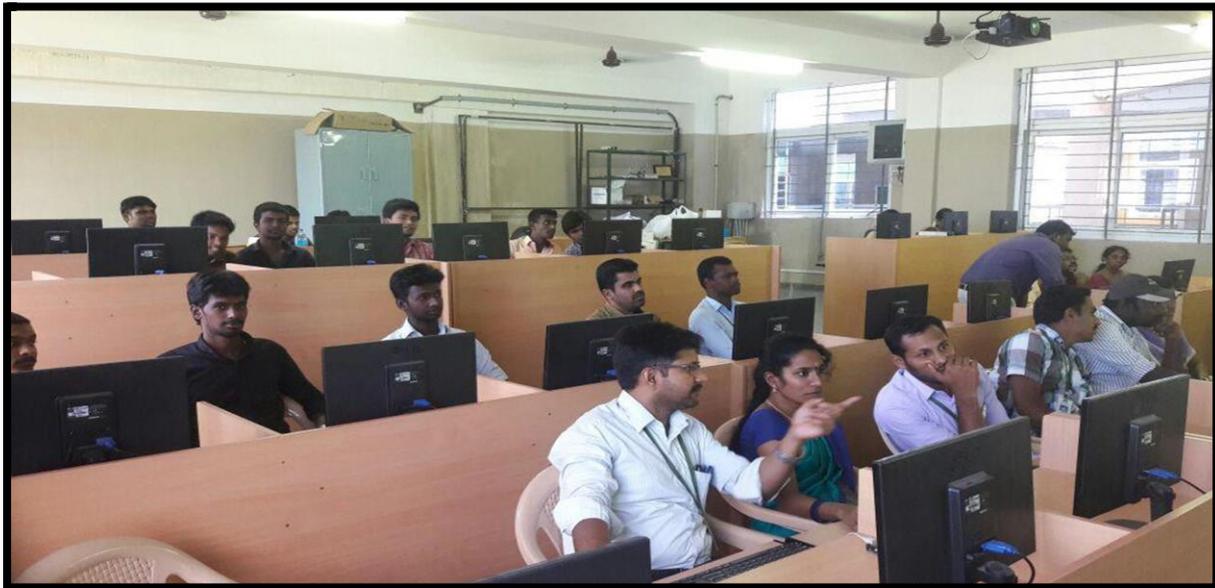
Glimpses of Seven Days FDP on **"Biomedical Signal Processing using SCILAB"** held on 08.11.2018-15.11.2018, organized By Department of Biomedical Engineering, KAHE.



Session on Biomedical signal origin & dynamics on 08.11.2018



Dr. V. S. MAHENDRAN, Associate Professor, Department of Biomedical Engineering, Sri Ramakrishna Engineering College, Coimbatore. Handling session on Waveform Analysis on 10.11.2018



Frequency-domain Analysis **Speaker:** Dr.M.A.Raja M.E., Ph.D., Professor, Department of Biomedical Engineering, Dr.N.G.P.Institute of Technology on 11.11.2018

**A Joint Programme of  
Centre for Human Resource Development  
&  
Department of Biomedical Engineering**

**Seven Days FDP on "Biomedical Signal Processing using MATLAB" held from**

**08.11.2018-15.11.2018**

**LIST OF PARTICIPANTS**

<b>S.No.</b>	<b>NAME</b>	<b>DESIGNATION</b>	<b>DEPARTMENT</b>
1	Dr. S. Bhavani	Professor & Head	Faculty of Engineering, KAHE
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3	Dr. Kamalraj Subramaniam	Associate Professor	Faculty of Engineering, KAHE
4	G.R. Mahendra Babu	Assistant Professor	Faculty of Engineering, KAHE
5	Lt.Dr.K.P. Sridhar	Assistant Professor	Faculty of Engineering, KAHE
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8	J. Shafiq Mansoor	Assistant Professor	Faculty of Engineering, KAHE
9	P.Sasikala	Assistant Professor	Faculty of Engineering, KAHE
10	A.Regis Saral	Assistant Professor	Faculty of Engineering, KAHE
11	V.Nandhini	Assistant Professor	Faculty of Engineering, KAHE
12	S.Baskar	Assistant Professor	Faculty of Engineering, KAHE

## **ADVISORY COMMITTEE**

### **CHIEF PATRON**

**Dr.S.Sudalaimuthu**

*Vice-Chancellor*

### **PATRON**

**Dr.R. Sundararajan**

Registrar

**Dr. G. K. D. Prasanna Venkatesan**

Dean, Faculty of Engineering

### **CONVENOR**

**Dr.N. Balasundaram**

Professor & Head

Department of Civil Engineering

**Dr.M. Natarajan**

Professor

Department of Civil Engineering

### **ORGANIZING SECRETARY**

**Ms. R. Sindhu.**

Assistant Professor,

Civil Engineering Department

### **COMMITTEE MEMBERS**

- Dr.Pa.Ganeshwaran, Professor / Civil
- Dr.G.R.Vijayashankar, AP / Civil
- Dr. C. Rajakumar
- Mr.V. Venugopalan, AP/Civil
- Mrs.M.Vidhya, AP/Civil
- Ms.B.Preethiwini, AP/Civil
- Mr.V. Johnpaul, AP/Civil
- Ms.S.M.Leela Bharathi, AP/Civil
- Ms.R.Sindhu,AP/Civil
- Mr.S.Sanjay, AP/Civil
- Mr.M.Sumesh, AP/Civil

## **RESOURCE PERSONS:**

- **Dr. G. S. THIRUGNANAM**

Professor, Builders Engineering College, Tirupur

- **Dr. PRINCE ARULRAJ**

Professor & Dean, SNS College of Engineering & Technology, Coimbatore.

- **Dr. N. RAMESH**

Professor, K.S.R College of Technology, Namakkal.

- **Dr. V. G. SREESHANTHI**

Associate Professor, CIT, Coimbatore.

- **Dr. M. KALAIVAN,**

Professor, K.S. Rangasamy College of Technology, Namakkal,

- **Dr. S. VENKATASUBRAMANIAM,**

Professor, Dr. Mahalingam College of Engineering and Technology, Coimbatore

### **ABOUT THE PROGRAM**

The design, fabrication, and construction of smart structures are one of the ultimate challenges to engineering sector today. Because they form the essence of system intelligence, one of the cores of smart structures technology centers around innovative sensors and sensor systems. This program to enhance the skills of smart sensors monitoring in structures.

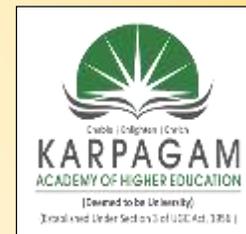
### **TOPICS TO BE COVERED**

Schedule 1: Classroom Management

Schedule 2: Effective teaching Methodology

Schedule 3: Quality Teaching

Schedule 4: Student Mentoring



**A Joint Programme of  
Centre for Human Resource Development  
and  
Department of Civil Engineering  
Faculty Development Program  
On  
Teacher Quality and Soft Skill Development  
from  
05.11.2018 to 12.11.2018**

**Organized by  
Department of Civil Engineering**

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**A JOINT PROGRAMME OF  
CENTRE FOR HUMAN RESOURCE DEVELOPMENT  
AND  
DEPARTMENT OF CIVIL ENGINEERING**

**REPORT**

**Faculty Development Program on Teacher Quality and Soft Skill Development**

**Topic:** Teacher Quality and Soft Skill Development

**Expert Name:**

- Dr. G. S. THIRUGNANAM, Professor, Builders Engineering College, Tirupur
- Dr. PRINCE ARULRAJ, Professor & Dean, SNS College of Engineering & Technology, Coimbatore.
- Dr. N. RAMESH, Professor, K.S.R College of Technology, Namakkal.
- Dr. V. G. SREESHANTHI, Associate Professor, CIT, Coimbatore.
- Dr. M. KALAIVAN, Professor, K.S. Rangasamy College of Technology, Namakkal,
- Dr. S. VENKATASUBRAMANIYAM, Professor, Dr. Mahalingam College of Engineering and Technology, Coimbatore

**Date:** 05.11.2018 to 12.11.2018

**Venue:** UM213

**FDP SUMMARY:**

**Need for the Topic**

The aim of this Program was to explore the soft skills acquisition of lecturers and to thus determine the importance of soft skills in the teaching profession. A mixed method was employed utilizing a questionnaire and interview protocol as research instruments. The quantitative findings indicated that teamwork and lifelong learning skills were the most important soft skills acquired by lecturers from all of four programs, except for tourism

management. In addition, the qualitative findings revealed the importance aspects of soft skills acquisition are: (i) delivery of effective and quality teaching; (ii) career development and enrichment, and (iii) managing student skills. In summary, the findings contribute to and substitute for training and provide significant pronouncements towards the knowledgeable and dexterous development of the country as a total.

### **Key Points Discussed:**

A soft skills curriculum covers all of the essential, intangible skills that students need to get (and succeed in) a job.

- Social skills
- Empathy
- Confidence
- Patience
- Public speaking
- Time management
- Customer service
- Project management
- Leadership
- Emotional intelligence
- Critical thinking



**Faculty Development Program on Teacher Quality and Soft Skill Development from  
05.11.2018 to 12.11.2018**



**Classroom Management conducted by Dr. N. RAMESH on 06.11.2018**



**KARPAGAM ACADEMY OF HIGHER EDUCATION**  
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Pollachi Main Road, Eachanari Post, Coimbatore, Tamilnadu 641021.  
**FACULTY OF ENGINEERING**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**Faculty Development Program**  
*On*  
**TEACHER QUALITY AND SOFT SKILL DEVELOPMENT**  
**List of Participants**

**Date:** 05.11.2018 to 12.11.2018

S.No	Faculty Name	Designation
1.	Dr.Natarajan M	Professor
2.	Dr.N.Balasundram	Professor
3.	Dr.Pa.Ganeshwaran	Professor
4.	Dr.G.R.Vijayshankar	Associate Professor
5.	Mr.V.Venugopalan	Assistant Professor
6.	S.Sanjay	Assistant Professor
7.	Mr.C.Raja Kumar	Assistant Professor
8.	M.Sumesh	Assistant Professor
9.	Mrs.Vidhya M	Assistant professor
10.	Ms.B.Preethiwini	Assistant Professor
11.	Ms.S.M.Leela Bharathi	Assistant Professor
12.	Mr.V.John Paul	Assistant Professor
13.	Ms. Sindhu. R	Assistant professor

## ORGANIZING COMMITTEE

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*Vice Chancellor*

*Karpagam Academy of Higher Education*

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**Dr.G. K. D.Prasanna Venkatesan**

*Dean*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

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**Dr.S.Bhavani**

*Head of the Department*

*Department of Electronics and communication Engg*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

### Organizing Secretary

**Dr.S.Kamalraj/Associate Professor**

*Department of Electronics & Communication Engg*

*Faculty of Engineering*

*Karpagam Academy of Higher Education*

**Mail: [kamalraj.s@kahedu.edu.in](mailto:kamalraj.s@kahedu.edu.in)**

**Contact No: +91 9894659690**

### Organizing Team Members

Mr.MahendraBabu, AP/ECE/KAHE

Mr.M.Darani Kumar,AP/ECE/KAHE

Mr.T.S. Aravinth,AP/ECE/KAHE

### Topics to be Covered:

#### DAY 1:

Signal Processing & Its applications

Transform Techniques

Speaker:Dr.K.Kavitha,Professor,

Kumaraguru college of Technology,Cbe

#### DAY 2:

Multirate signal processing

Speaker:Dr.M.Shanthi ,Associate Professor,

Kumaraguru college of Technology,Cbe

#### DAY 3:

Image Processing

Speech Processing

Speaker:Dr.S.SasikalaAssociate Professor,

Kumaraguru college of Technology, Cbe

#### DAY 4:

Speech Enhancement and recognition

Speaker:Ms.K.Thilagavathi

Assistant Professor(Sr.Gr-III),

Kumaraguru college of Technology,Cbe

#### DAY 5:

Fundamentals of Kalman Filter

DSP Architectures and applications

Speaker:Dr.sudha SrinivasanProfessor&HOD/ECE

Hindustan college of Engineering

&Technology,Coimbatore

#### DAY 6 :

Hardware Implementation

Social Signal Processing

Speaker:Dr.A.Rajeswari ,Professor & Head

Coimbatore Institute of Technology,Cbe

#### DAY 7 :

Need of Frequency Domain for Speech Signal

Processing

Speaker:Dr.M.Poongothai ,Associate Professor,

Coimbatore Institute of Technology,Cbe

**Venue: TEXAS Laboratory**

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A Joint Programme of  
Centre for Human Resource Development  
and  
Department of Electronics &  
Communication Engineering

Organizes

Seven Days FDP

on

**"Advanced Digital signal Processing  
and Applications"**

On

05.11.2018 to 12.11.2018



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**Phone No : 0422-6471113, 6471114, 6471115, 6453777 Fax No : 0422 -**  
**2980022, 2980023**  
**Email ID: [info@karpagam.com](mailto:info@karpagam.com) Web : [www.kahedu.edu.in](http://www.kahedu.edu.in)**

## **FACULTY OF ENGINEERING**

### **A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE DEVELOPMENT AND DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Report of Seven Days FDP on "**Advanced Digital signal Processing and Applications**" held on 05.11.2018 to 12.11.2018, organized By Department of Electronics & Communication Engineering, KAHE.

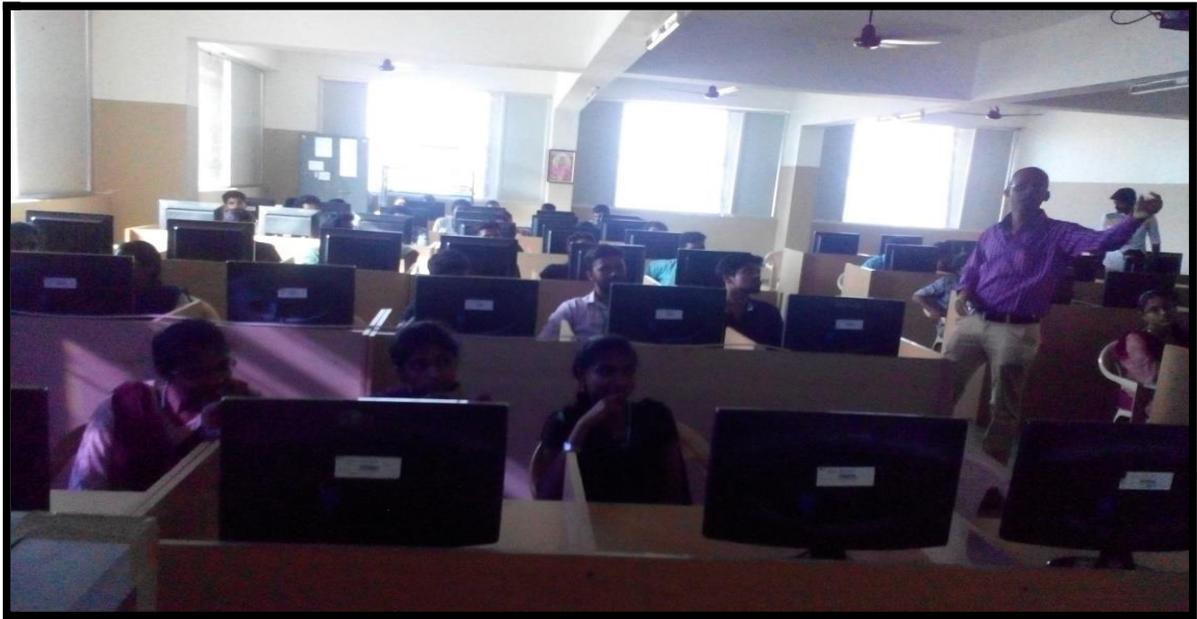
**Digital signal processing** is a method of processing real world signals (represented by a sequence of numbers) using mathematical techniques to perform transformations or extract information.

#### **TOPICS COVERED:**

- Signal Processing & Its applications
- Transform Techniques
- Multirate signal processing
- Image Processing
- Speech Processing
- Speech Enhancement and recognition
- Fundamentals of Kalman Filter
- DSP Architectures and applications
- Hardware Implementation

- Social Signal Processing
- Need of Frequency Domain for Speech Signal Processing

Glimpses of Seven Days FDP on "**Advanced Digital signal Processing and Applications**"





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2980023

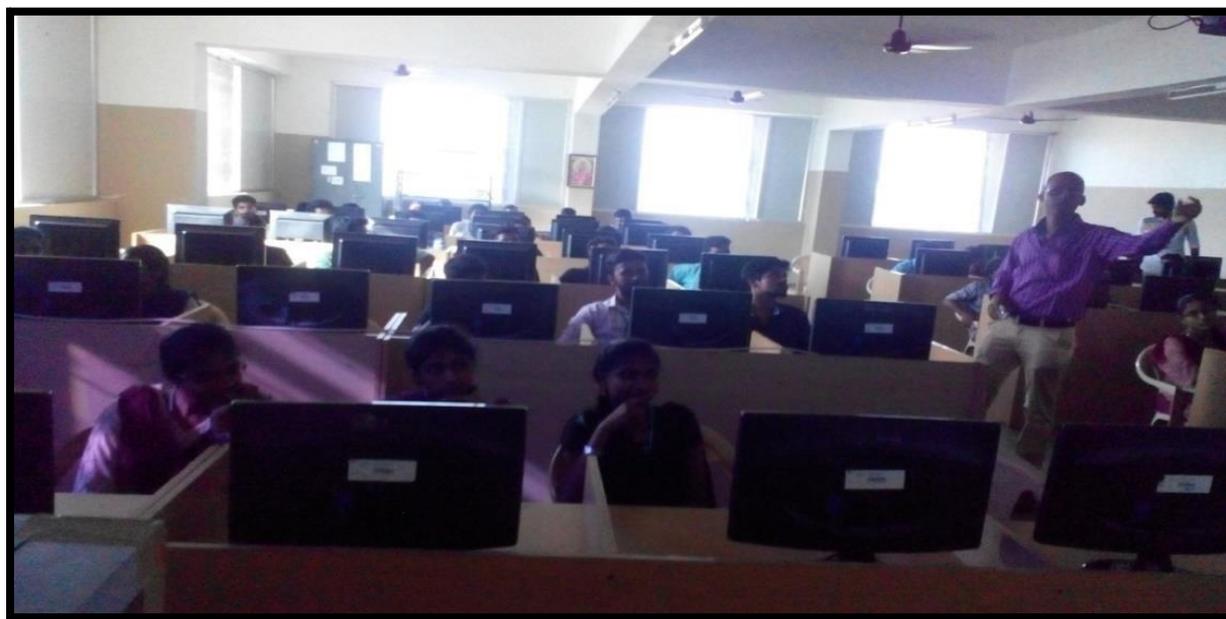
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Web : [www.kahedu.edu.in](http://www.kahedu.edu.in)

## FACULTY OF ENGINEERING

### A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE DEVELOPMENT AND DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Glimpses of Seven Days FDP on "**Advanced Digital signal Processing and Applications**"



Inaugural function of Seven Days FDP on "Advanced Digital signal Processing and Applications" on  
05.11.2018



Multirate signal processing on 06.11.2018



Speech Enhancement and recognition on 08.11.2018

**A Joint Programme of  
Centre for Human Resource Development  
and  
Department of Electronics & Communication Engineering  
“ Seven Days FDP on "Advanced Digital signal Processing and Applications" held from  
05.11.2018-12.11.2018**

**LIST OF PARTICIPANTS**

<b>S.No.</b>	<b>NAME</b>	<b>DESIGNATION</b>	<b>DEPARTMENT</b>
1	Dr. S. Bhavani	Professor & Head	Faculty of Engineering, KAHE
2	Dr. P. Manimegalai	Professor	Faculty of Engineering, KAHE
3	Dr. Kamalraj Subramaniam	Associate Professor	Faculty of Engineering, KAHE
4	G.R. Mahendra Babu	Assistant Professor	Faculty of Engineering, KAHE
5	Lt.Dr.K.P. Sridhar	Assistant Professor	Faculty of Engineering, KAHE
6	M. Darani Kumar	Assistant Professor	Faculty of Engineering, KAHE
7	T.S. Aravinth	Assistant Professor	Faculty of Engineering, KAHE
8	J. Shafiq Mansoor	Assistant Professor	Faculty of Engineering, KAHE
9	P.Sasikala	Assistant Professor	Faculty of Engineering, KAHE
10	A.Regis Saral	Assistant Professor	Faculty of Engineering, KAHE
11	V.Nandhini	Assistant Professor	Faculty of Engineering, KAHE
12	S.Baskar	Assistant Professor	Faculty of Engineering, KAHE



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V. Krishnakumar, Chancellor, Karpagam  
Academy of Higher Education

Dr.S.Sudalaimuthu, Vice-chancellor,  
Karpagam Academy of Higher Education

Dr.R.Sundararajan, Registrar, Karpagam  
Academy of Higher Education

Dr. P. Palanivelu, Controller of  
Examinations, Karpagam Academy of  
Higher Education

Dr. M.Palaniswamy, Dean, Faculty of Arts,  
Science and Humanities, Karpagam  
Academy of Higher Education

### Convener

**Dr.K.Jothi**, Professor, Department of  
Commerce

### Organizing Secretaries

**Dr.R.Velmurugan**, Associate  
Professor in Commerce

Dr.V.Mathankumar, Assistant  
Professor in Commerce

Dr.J.Sudarvel, Assistant Professor in  
Management

### Executive Committee Members

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Dr. B Geethabai

Dr. R. Murugan

Dr. A. Dharmaraj

Dr. P. Radha

Dr.A.Geethalakshmi

Dr.S.Jegadeeswari

Dr. K. Marammal Devi

Dr. T. Saravanan

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A Joint Programme of  
**CENTRE OF HUMAN RESOURCE DEVELOPMENT**  
&  
**DEPARTMENT OF COMMERCE**

**FACULTY DEVELOPMENT  
PROGRAMME**

**INVESTMENT  
MANAGEMENT**

## About the Programme:

**Investment management** refers to the handling of financial assets and other investments—not only buying and selling them. Management includes devising a short- or long-term strategy for acquiring and disposing of portfolio holdings.

**DATE: 05.11.2018 to 12.11.2018**



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### **A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE DEVELOPMENT AND DEPARTMENT OF COMMERCE**

#### **REPORT ON FACULTY DEVELOPMENT PROGRAM ON INVESTMENT MANAGEMENT**

The Department of Commerce organized a Faculty development Programme on Investment Management during 05.11.2018 to 12.11.2018. The faculty members of FASH participated in this programme. The resource person gave insight towards Investment Management and researchers found it very useful and informative.

Investment managers help clients reach their investment goals by managing their money. Clients of investment managers can include individual investors as well as institutional investors such as educational institutions, insurance companies, pension funds, retirement plans, and governments. Investment managers can work with equities, bonds, and commodities, including precious metals like gold and silver.

Investment managers can have varied roles and responsibilities, depending on the firm, which can include:

- Financial statement analysis
- Portfolio allocation such as a proper mix of bonds and stocks
- Equity research and buy and sell recommendations
- Financial planning and advising
- Estate and retirement planning as well as asset distribution

**MEANING** The word "investment" can be defined in many ways according to different theories and principles. It is a term that can be used in a number of contexts. However, the

different meanings of "investment" are more alike than dissimilar. Generally, investment is the application of money for earning more money. Investment also means savings or savings made through delayed consumption. According to economics, investment is the utilization of resources in order to increase income or production output in the future.

An amount deposited into a bank or machinery that is purchased in anticipation of earning income in the long run is both examples of investments. Although there is a general broad definition to the term investment, it carries slightly different meanings to different industrial sectors. According to economists, investment refers to any physical or tangible asset, for example, a building or machinery and equipment. On the other hand, finance professionals define an investment as money utilized for buying financial assets, for example stocks, bonds, bullion, real properties, and precious items.

According to finance, the practice of investment refers to the buying of a financial product or any valued item with anticipation that positive returns will be received in the future. The most important feature of financial investments is that they carry high market liquidity. The method used for evaluating the value of a financial investment is known as valuation. According to business theories, investment is that activity in which a manufacturer buys a physical asset, for example, stock or production equipment, in expectation that this will help the business to prosper in the long run.

### **Types of Investment**

Investments may be classified as financial investments or economic investments. In Finance investment is putting money into something with the expectation of gain that upon thorough analysis has a high degree of security for the principal amount, as well as security of return, within an expected period of time. In contrast putting money into something with an expectation of gain without thorough analysis, without security of principal, and without security of return is speculation or gambling. Investment is related to saving or deferring consumption. Investment is involved in many areas of the economy, such as business management and finance whether for households, firms, or governments.

Economic investments are undertaken with an expectation of increasing the current economy's capital stock that consists of goods and services. Capital stock is used in the production of other

goods and services desired by the society. Investment in this sense implies the expectation of formation of new and productive capital in the form of new constructions, plant and machinery, inventories, and so on. Such investments generate physical assets and also industrial activity. These activities are undertaken by corporate entities that participate in the capital market.

Financial investments and economic investments are, however, related and dependent. The money invested in financial investments is ultimately converted into physical assets. Thus, all investments result in the acquisition of some asset, either financial or physical. In this sense, markets are also closely related to each other. Hence, the perfect financial market should reflect the progress pattern of the real market since, in reality, financial markets exist only as a support to the real market.

### **Characteristics and Objectives of Investment Management**

The features of economic and financial investments can be summarized as return, risk, safety, and liquidity.

#### **Return**

All investments are characterized by the expectation of a return. In fact, investments are made with the primary objective of deriving a return.

The return may be received in the form of yield plus capital appreciation.

The difference between the sale price and the purchase price is capital appreciation.

The dividend or interest received from the investment is the yield.

The return from an investment depends upon the nature of the investment, the maturity period and a host of other factors.

Return = Capital Gain + Yield (interest, dividend etc.)

#### **Risk**

Risk refers to the loss of principal amount of an investment. It is one of the major characteristics of an investment. The risk depends on the following factors:

The investment maturity period is longer; in this case, investor will take larger risk.

Government or Semi Government bodies are issuing securities which have less risk.

In the case of the debt instrument or fixed deposit, the risk of above investment is less due to their secured and fixed interest payable on them. For instance debentures.

In the case of ownership instrument like equity or preference shares, the risk is more due to their unsecured nature and variability of their return and ownership character.

The risk of degree of variability of returns is more in the case of ownership capital compare to debt capital. The tax provisions would influence the return of risk.

**Safety:**

Safety refers to the protection of investor principal amount and expected rate of return. Safety is also one of the essential and crucial elements of investment. Investor prefers safety about his capital. Capital is the certainty of return without loss of money or it will take time to retain it. If investor prefers less risk securities, he chooses Government bonds. In the case, investor prefers high rate of return investor will choose private Securities and Safety of these securities is low.

**Liquidity:**

Liquidity refers to an investment ready to convert into cash position. In other words, it is available immediately in cash form. Liquidity means that investment is easily realizable, saleable or marketable. When the liquidity is high, then the return may be low. For example, UTI units. An investor generally prefers liquidity for his investments, safety of funds through a minimum risk and maximization of return from an investment.



**Resource person addressing to the participants**

**A JOINT PROGRAMME OF  
CENTRE FOR HUMAN RESOURCE DEVELOPMENT  
AND  
DEPARTMENT OF COMMERCE**

**FACULTY DEVELOPMENT PROGRAM  
ON  
INVESTMENT MANAGEMENT**

**List of Participants**

**Date: 05.11.2018-12.11.2018**

<b>S.NO.</b>	<b>NAME OF THE STAFF</b>	<b>DESIGNATION</b>
<b>1.</b>	Dr. K. Jothi	Head of the Department
<b>2.</b>	Dr. R. Velmurugan	Associate Professor
<b>3.</b>	K. Kavitha	Assistant Professor
<b>4.</b>	Dr. V. Mathan Kumar	Assistant Professor
<b>5.</b>	R. Naveena	Assistant Professor
<b>6.</b>	P. Eswaran	Assistant Professor
<b>7.</b>	Dr. M. Mirsath Begum	Assistant Professor
<b>8.</b>	Dr. K. Marammal Devi	Assistant Professor
<b>9.</b>	R.Subashree	Assistant Professor

## **ORGANIZING COMMITTEE**

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Vice Chancellor  
Karpagam Academy of Higher Education.

### **Patron**

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Registrar  
Karpagam Academy of Higher Education.

Dr.M.Palaniswamy  
Dean,  
Faculty of Arts, Science and Humanities  
Karpagam Academy of Higher Education

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Head of the Department /Maths,FASH  
Karpagam Academy of Higher Education

### **Organizing Secretary**

Dr.K.Kalidass  
Associate professor/Maths,FASH  
Karpagam Academy of Higher Education

### **Organizing Team Members**

V.Kuppusamy  
Assistant professor/Maths,FASH  
Karpagam Academy of Higher Education

M.Sangeetha  
Assistant professor/Maths,FASH  
Karpagam Academy of Higher Education

## **PROGRAMME SCHEDULE**

Inauguration 9.00am -9.30am

Session:9.30am -3.30pm

### **Day I**

Topic: Queuing Theory and its Application

Speaker: Dr.N.Anbzhagan /Professor  
Alagappa University

### **Day II**

Topic: Basic Structure and Characteristics of  
Queuing systems

Speaker:Dr.N.Anbzhagan /Professor  
Alagappa University

### **Day III**

Topic: Application of Queuing theory in  
service design

Speaker: Dr.P.R.Kandassamy/ Professor  
Hindusthan Institute of Technology

### **Day IV**

Topic: Queuing Theory from Markov chain to  
Multi server systems

Speaker: Dr.P.R.Kandassamy/ Professor  
Hindusthan Institute of Technology

### **Day V**

Topic:various Application of Queuing  
Models

Speaker: Dr.E.Natarajan/ Associate Professor,  
Indian Institute of Space Science and  
Technology

### **Day VI**

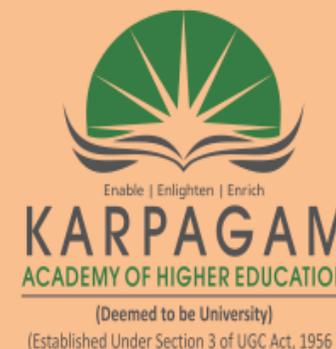
Topic: Some Applications of Queuing Theory  
in Operational Research

Speaker: Dr.R.Uthaya Kumar/Professor  
Gandhigram Rural Institute

### **Day VII**

Topic:Queuing Network Theory

Speaker:Dr.R.Uthaya Kumar/Professor  
Gandhigram Rural Institute



## **KARPAGAM ACADEMY OF HIGHER EDUCATION**

**A Joint Programme of  
Centre For Human Resource Development  
and  
Department of Mathematics**

## **FACULTY DEVELOPMENT PROGRAM ON QUEUING THEORY**

5.11.2018 to 12.11.2018

Organized by  
Department of Mathematics

Venue: Thiruvalluvar Hall

**A Joint Programme of Centre For Human Resource Development  
and  
Department of Mathematics**

**Professional Development programme on Queuing Theory - a Brief Report**

The Department of Mathematics has organized a Faculty Development programme on the topic of “**Queuing Theory and its Application**” which held on 05.11.2018 and followed by the topic of “**Basic Structure and Characteristics of Queuing systems**” which held on 06.11.2018. 10 members of our faculty members were participated. The program starts at 9.30 am in the Thiruvalluvar Hall, Karpagam Academy of Higher Education.

The program was inaugurated by the Dean Dr.M.Palaniswamy. Inauguration was followed by a Keynote address by the Resource person **Dr.N.Anbzhagan**, Professor and Head, Department of Mathematics, Alagappa University, Karaikudi -620004 were impressed the audience by his talk. He discussed about the importance of applications and faculties got more knowledge about Queuing theory is an applied study of analyzing the performance of different systems in the area of engineering and technology. The queuing systems are successfully implemented for performance evaluation, quality, productivity of process and societal applications. Around 3.30 pm the program comes to an end.



Keynote address by the Resource person Dr.N.Anbzhagan



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A Joint Programme of Centre For Human Resource Development  
and  
Department of Mathematics

**Professional Development programme on Queuing Theory - a Brief Report**

The Department of Mathematics has organized a Faculty Development programme on the topic of “**Application of Queuing theory in service design**” which held on 07.11.2018 and followed by the topic of “**Queuing Theory from Markov chain to Multi server systems**” which held on 08.11.2018. 10 members of our faculty members were participated .The program starts at 9.30 am in the Thiruvalluvar Hall , Karpagam Academy of Higher Education.

The Resource person **Dr.P.R.Kandassamy**, Professor and Director ,Department of Mathematics, Hindusthan Institute of Technology Coimbatore were impressed the audience by his talk. The faculties got more knowledge about the performance measures include utilization, waiting length, response time and throughput. For instance, monitoring and control of mobile service support system are collaborated with queues, caches and databases. Around 3.30 pm the program comes to an end.



2<sup>nd</sup> day Professional Development programme

A Joint Programme of Centre For Human Resource Development  
and  
Department of Mathematics

### **Professional Development programme on Queuing Theory - a Brief Report**

The Department of Mathematics has organized a Faculty Development programme on the topic of “**Explain the various Application of Queuing Models**” which held on 09.11.2018. 10 members of our faculty members were participated .The program starts at 9.30 am in the Thiruvalluvar Hall , Karpagam Academy of Higher Education.

The Resource person **Dr.E.Natarajan**, Associate Professor, Department of Mathematics, Indian Institute of Space Science and Technology, Trivandrum, Kerala, were impressed the audience by his talk. Faculty get more knowledge about Queuing Theory and Stochastic models also can be applied to various research domains like networking cloud computing. Also the faculty Members understood how we achieve new insights into widely applicable queuing theory and Stochastic Models for Advanced systems across various domains of engineering applications of diverse problem statements. Take away from the FDP was every participant was able to apply Queuing Theory and Stochastic models for their research problems. Around 3.30 pm the program comes to an end.



Lecture delivered by Dr.E.Natarajan

A Joint Programme of Centre For Human Resource Development  
and  
Department of Mathematics

**Professional Development programme on Queuing Theory - a Brief Report**

The Department of Mathematics has organized a Faculty Development programme on the topic of “**Some Applications of Queuing Theory in Operational Research**” which held on 10.11.2018 and followed by the topic of “**Queuing Network Theory**” which held on 12.11.2018. 10 members of our faculty members were participated. The program starts at 9.30am in the Thiruvalluvar Hall, Karpagam Academy of Higher Education.

The Resource person **Dr.R.Uthaya Kumar**, professor, Department of mathematics, Gandhigram Rural Institute, Gandhigram were impressed the audience by his talk. He discussed about the queuing theory in telecommunication networks. Queuing theory is the mathematical study of waiting lines, or queues. A queuing model is constructed so that queue lengths and waiting time can be predicted. Queuing theory is generally considered a branch of operations research because the results are often used when making business decisions about the resources needed to provide a service. Then he talked about the various scheduling mechanisms in queuing theory. Networks of queues are systems in which a number of queues are connected by what's known as customer routing. When a customer is serviced at one node it can join another node and queue for service, or leave the network. Then he gave a real time analysis of a M/M/1 queue. Around 3.30 pm the program comes to an end with National Anthem.



Resource Person introduction by department faculty



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**A Joint Programme of Centre For Human Resource Development  
and  
Department of Mathematics**

**Attending list of faculty members for Faculty Development on Queuing Theory**

**Time :9.30 am to 3.30 pm**

**Date : 05.11.2018 to 12.11.2018**

<b>S.No.</b>	<b>Name of the Faculty</b>	<b>Designation</b>
1	Dr.M.M.Shanmugapriya	Associate Professor
2	Mr. M. Jeganathan	Assistant Professor
3	Dr. K. Kalidass	Associate Professor
4	Mr. U. R. Ramakrishnan	Assistant Professor
5	Ms. Henna Shenofar	Assistant Professor
6	Ms. Y. Sangeetha	Assistant Professor
7	Ms. M. Sangeetha	Assistant Professor
8	Ms. K. Aarthiya	Assistant Professor
9	M.Indhumathi	Assistant Professor
10	V.Kuppusamy	Assistant Professor

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**Dr. S. SUDALAI MUTHU,**

Vice Chancellor,

Karpagam Academy of Higher  
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### **Patron:**

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Education, Coimbatore

### **Dean**

**DR. M. PALANISWAMY,**

Karpagam Academy of Higher  
Education, Coimbatore

Coimbatore

### **Convenor**

**Dr.. K. Devaki,**

Head of the Department,

Department of Biochemistry,

### **Organizing Secretary**

**Dr. L.Hariprasath,**

Assistant professor,

Department of Biochemistry,

For contact us:

E.mail:hariprasath80@gmail.com

## PROGRAM SCHEDULE:

### **Inauguration 9.30 a.m -10.30 a.m**

Day I: 11.00 a.m - 4.00p.m

**Topic : Microsoft excel**

Day II: 9.30 a.m - 4.00p.m

**Topic :Microsoft power point**

Day III: 9.30 a.m - 4.00p.m

**Topic : Microsoft outlook**

Day IV: 9.30 a.m - 4.00p.m

**Topic : Microsoft one note**

Day V: 9.30 a.m - 4.00p.m

**Topic : Microsoft publisher**

**& Access**

Day VI: : 9.30 a.m - 4.00p.m

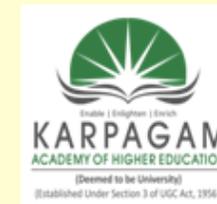
**Topic : Microsoft project**

**& Visio**

Day VII: : 9.30 a.m - 4.00p.m

**Topic : Microsoft exchange**

**server**



## **A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE DEVELOPMENT**

**AND**

## **DEPARTMENT OF BIOCHEMISTRY**

**“SKILL DEVELOPMENT PROGRAM ON  
MICROSOFT OFFICE 365”**

**29.11.2018 to 30.11.2018**

**Organized by**

**DEPARTMENT OF BIOCHEMISTRY**

**Venue: Bharathi Hall**

**A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE  
DEVELOPMENT**

**DEPARTMENT OF BIOCHEMISTRY**

**Date: 30.11.2018**

**CONSOLIDATED REPORT**

Biochemistry department has conducted “Skill development Program on Microsoft Office 365” on 29.11.2018 to 30.11.2018 at 9 A.M in the Bharathi Hall. Totally nine faculties were attended the program.

**The following key points were discussed with the resource person**

1. To discussed about the significance of data privacy and cost efficiency.
2. Also, discussed about the maintaining the data and management system.
3. They explained about the less flexibility and more limitation.
4. Finally, they encouraged the faculties to take it is a user friendly.



Dr. M. Sridhar Muthusami has delivered the lecture



# KARPAGAM ACADEMY OF HIGHER EDUCATION

## Department of Biochemistry

### “Skill development Program on Microsoft Office 365”

#### List of Participants:

NO.	NAME OF THE FACULTY	DESIGNATION
1	Dr. K. Devaki	Professor
2	Dr. K. Poornima	Associate Professor
3	Dr. M. Sridhar Muthusami	Assistant Professor
4	Dr. L. Hariprasath	Assistant Professor
5	Dr. D. Selvakumar	Assistant Professor
6	Dr. A. Manimaran	Assistant Professor
7	Dr.S. Rajamanikandan	Assistant Professor
8	Dr. P. Anusooriya	Assistant Professor
9	A. Ramakrishnan	Assistant Professor
10	P. Loganayaki	Assistant Professor
11	Dr J.Anitha	Assistant Professor

## ORGANIZING COMMITTEE

### Chief Patron

**Dr.S.Sudalaimuthu**

Vice Chancellor

Karpagam Academy of Higher Education

**Dr. R. Sundararajan**

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### Patron

**Dr. G.K.D. Prasanna Venkatesan**

Dean

Faculty of Engineering. KAHE

### Convenor

**Dr.R.Sivaprakasam**

Professor & Head

Department of Mechanical Engg., KAHE

### Organizing Secretaries

**Dr.K.Thirunavukkarasu**, Sr. Prof./ Mech

**Dr.C.Ramesh Kannan**, Assoc. Prof./ Mech

### Committee Members

**Mr.R.Suresh Balaji**, AP/Mech

**Mr.P.K.Miniappan**, AP/Mech

## Program Schedule:

Date & Session	Topic	Resource Person
01.11.2018 & FN	Cutting Edge Technologies on Fusion Welding Process	Dr.C.Murugesan, Vice President, Aqua sub Engineering, Coimbatore
01.11.2018 & AN	Advances in Welding Consumables	Dr.K.Marimuthu, Professor & Head Mechanical Engg. CIT, Coimbatore
02.11.2018 & FN	Quality Assurance and Control	Dr.R.Sudhakaran, Professor & Head Mechanical Engg. SNS College of Engg., Coimbatore
02.11.2018 & AN	Hands on Training	Mr.Manoj Mathew, CEO, M/S Logos Weld Products, Coimbatore

## KARPAGAM ACADEMY OF HIGHER EDUCATION



### A Joint Programme of Center for Human Resource Development and Department of Mechanical Engineering

### Workshop on “Advances in Welding Technology”

**1<sup>st</sup> & 2<sup>nd</sup> November 2018**

**Venue: Pharmacy Seminar Hall**

**Organized by**

**Department of Mechanical Engineering**

*Faculty of Engineering*

**A Joint Programme of  
Center for Human Resource Development  
and  
Department of Mechanical Engineering**

**Report on Workshop on Advances in Welding Technology**

**Date / Venue** : 01.11.2018 & 02.11.2018 - Pharmacy Seminar Hall

**Welcome Address** by Prof. & Head Dr. R. Sivaprakasam, Mechanical Engg. KAHE, Coimbatore.

**Presidential Address** by Dr. G. K. D. Prasanna Venkatesan, Dean (FoE), KAHE, Coimbatore.

**About the Workshop** by Prof. Dr. K. Thirunavukkarasu, Mechanical Engg. KAHE, Coimbatore

Dr.C. Murugesan, Vice President, Aqua sub Engineering, Coimbatore delivered his lecture on Cutting Edge Technologies on Fusion Welding Process at the forenoon session of 01.11.2018.

Advances in Welding Consumables topic was covered in the afternoon session of the same day by Dr.K.Marimuthu, Professor & Head, Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore.

02.11.2018 forenoon session was handled by Dr.R.Sudhakaran, Professor & Head, Department of Mechanical Engineering, SNS College of Engineering, Coimbatore and he covered the topic regarding Quality Assurance and Control in welding processes.

In the afternoon session of 02.11.2018, hands on training were given to the participants in the fabrication laboratory by Mr.Manoj Mathew, CEO, M/S Logos Weld Products, Coimbatore.

In the valedictory session, the participation certificates were issued and the feedback was given by the participants regarding the workshop. Dr.C.Ramesh Kannan, Associate Professor, Department of Mechanical Engineering delivered the vote of thanks.



Welcome Address by Prof. & Head Dr. R. Sivaprakasam, Mechanical Engg



01.11.2018 FN Session Handled by Dr.C. Murugesan



02.11.2018 AN – Hands on Training Session

**A Joint Programme of  
Center for Human Resource Development  
and  
Department of Mechanical Engineering**

**WORKSHOP ON “ADVANCES IN WELDING TECHNOLOGY”–01<sup>st</sup> & 02<sup>nd</sup> November 2018**

**LIST OF PARTICIPANTS**

<b>Sl. No</b>	<b>Name of the Participant</b>	<b>Designation</b>
1.	Dr.R.Sivaprakasam	Professor & Head
2.	Dr.P.Shanmughasundaram	Professor & Head
3.	Dr. K. Thirunavukkarasu	Senior Professor
4.	Dr.S.Prabakaran	Professor
5.	Dr.Debabrata Barik	Associate Professor
6.	Dr.C.Ramesh Kannan	Associate Professor
7.	Dr.S.Manivannan	Associate Professor
8.	Mr.A. Sivanantham	Assistant Professor
9.	Mr.R.Karuppasamy	Assistant Professor
10.	Mr.S.Aravind	Assistant Professor
11.	Mr.K. Prasath	Assistant Professor
12.	Mr.G.Vignesh	Assistant Professor
13.	Mr.P.Paranthaman	Assistant Professor
14.	Mr.M.Prakash	Assistant Professor
15.	Mr.P.Ragupathi	Assistant Professor
16.	Mr.D.Sathish Kumar	Assistant Professor

17.	Mr. R.Prasanna	Assistant Professor
18.	Dr.P.M.Gopal	Assistant Professor
19.	Mr.N.Sathieshkumar	Assistant Professor
20.	Ms. R. Iswarya	Assistant Professor
21.	Mr.B.Narenthiran	Assistant Professor
22.	Mr.R.Suresh Balaji	Assistant Professor
23.	Mr.J.Arun Prakash	Assistant Professor
24.	Mr.C.Nithiyapathi	Assistant Professor
25.	Mrs.P.Jayapradha	Assistant Professor
26.	Mr.B.Akilan	Assistant Professor
27.	Dr.R.Gopinathan	Assistant Professor
28.	Mr.P.K.Miniappan	Assistant Professor
29.	Mr.G.Jayabalaji	Assistant Professor