



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

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

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 (29 pages) are duly verified and authenticated by the Registrar, Karpagam Academy of Higher Education for DVV purpose.



[Handwritten signature]
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.

6.3.3. The Brochures, Reports with Photographs and List of Participants of the following Professional Development/ Administrative Training Programs for the year 2019-2020 as follows

S. No.	Title of the Professional Development/Administrative Training Programmes
1	One Week STTP on Machine Learning and its Applications
2	Seven Days Professional Development Programme on Statistical Thermodynamics
3	Professional Development Programme on Research Methods and SPSS
4	Short Term Course on Material Testing and Evaluation
5	Professional Development Program on Artificial Intelligence and its Applications
6	Short Term Course on Case Study Analysis

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

Dr.S.Kamalraj/Associate Professor

Department of Electronics & Communication Engg

Faculty of Engineering

Karpagam Academy of Higher Education

Mail: kamalraj.s@kahedu.edu.in

Contact No: +91 9894659690

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:

Basics of Machine Learning and Deep Learning,
Introduction to ANN and CNN.

Speaker: Ms.R.Hemalatha, Associate Professor, ECE
Kumaraguru college of Technology, CBE

DAY 2:

Introduction to Python using Jupyter Notebook,
Machine Learning Algorithms, Data Analytics

Speaker: Dr. A. Albert Raj, Professor & HOD/ECE
Sri Krishna college of Engineering
& Technology, Coimbatore

DAY 3:

Deep learning: concepts and its applications,.

Speaker: Dr.A.Rajeswari, Professor & Head, ECE
Coimbatore Institute of Technology, CBE

DAY 4:

Word embedding in NLP, Prediction with CNN.

Speaker: Dr.S.Uma Professor, ECE
Coimbatore Institute of Technology, CBE

DAY 5:

Parameter Tuning, Introduction to R (Data frame)

Speaker: Ms.K.Thilagavathi
Assistant Professor (Sr.Gr-III), ECE
Kumaraguru college of Technology, CBE

DAY 6 :

Importing and Exporting Data, Data manipulation.

Speaker: Dr.K.Kavitha Professor, ECE
Kumaraguru college of Technology, CBE

DAY 7 :

Revision of the learned contents, Training evaluation test.

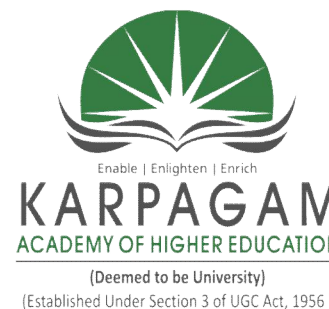
Speaker: Dr.Tamilselvan, Associate Professor, ECE
KPR Institute of Engineering and Technology, Arasur

Venue: Texas Laboratory

KARPAGAM ACADEMY OF HIGHER EDUCATION

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Established Under Section 3 of UGC Act, 1956



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

Organizes
One Week STTP
on
“Machine learning and its application”
On
05.11.2019 to 11.11.2019

FACULTY OF ENGINEERING

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

Report of “Machine Learning and its applications”

Report of One Week STTP on “**Machine learning and its application**” held on 05.11.2019 to 11.11.2019, organized By Department of Electronics & Communication Engineering, KAHE.

Things like growing volumes and varieties of available data, computational processing that is cheaper and more powerful, affordable data storage and complex nature of applications are responsible for resurging interest in machine learning and deep learning. All of these things mean it's possible to quickly and automatically produce models that can analyze bigger, more complex data and deliver faster, more accurate results, even on a very large scale. And by building precise models, an organization has a better chance of identifying profitable opportunities, or avoiding unknown risks. Machine learning and Deep learning play a very vital role in the data analysis and building a model for prediction or classification with the help of past data.

Machine learning and its application

Machine learning is the science of getting computers to act without being explicitly programmed. The objective of this program is to present recent trends and applications of machine learning. This area is of utmost importance as there is a significant and growing demand for artificial intelligence (AI) professionals and researchers in businesses, public agencies, and nonprofits organisations. This Program would provide participants with the guidelines to explore the area of machine learning and its application.

The participants would learn to develop methods for solving problems related to diverse computational fields. This programme will introduce to participants the various skills that go into machine learning, provide practical walk-through of relevant languages, tools and lay down a study plan for moving forward in this field.

TOPICS COVERED:

- ✓ Basics of Machine Learning and Deep Learning, Introduction to ANN and CNN.
- ✓ Introduction to Python using Jupyter Notebook, Machine Learning Algorithms, Data Analytics,
- ✓ Deep learning: concepts and its applications, Word embedding in NLP, Prediction with CNN.
- ✓ Parameter Tuning, Introduction to R(Data frame, Importing and Exporting Data, Data manipulation.
- ✓ Revision of the learned contents, Training evaluation test.

A Joint Programme of

Centre for Human Resource Development

and

Department of Electronics & Communication Engineering

“ One Week STTP on Machine learning and its application” held from 05.11.2019-11.11.2019

LIST OF PARTICIPANTS

S.N o.	NAME	DESIGNATION	DEPARTMENT
1	Dr. S. Bhavani	Professor & Head	Faculty of Engineering, KAHE
2	Lt.Dr.K.P. Sridhar	Assistant Professor	Faculty of Engineering, KAHE
3	Dr.Mohanarathinam	Assistant Professor	Faculty of Engineering, KAHE
4	Dr.K.G.Dharani	Associate Professor	Faculty of Engineering, KAHE
5	Mr.G.R. Mahendra Babu	Assistant Professor	Faculty of Engineering, KAHE
6	Mr.J.Shafiq Mansoor	Assistant Professor	Faculty of Engineering, KAHE
7	Mr.T.S. Aravinth	Assistant Professor	Faculty of Engineering, KAHE
8	Mr.M.Darani Kumar	Assistant Professor	Faculty of Engineering, KAHE
9	Mr.Baskar	Assistant Professor	Faculty of Engineering, KAHE
10	Ms.P.Sasikala	Assistant Professor	Faculty of Engineering, KAHE
11	Ms.V.Nandhini	Assistant Professor	Faculty of Engineering, KAHE
12	Ms.Regisaral	Assistant Professor	Faculty of Engineering, KAHE

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

Glimpses of One Week STTP on “**Machine learning and its application**” held on 05.11.2019 to 11.11.2019, organized By Department of Electronics & Communication Engineering, KAHE.



Revision of the learned contents, Training evaluation test. Speaker: Dr.Tamilselvan, Associate Professor, ECE KPR Institute of Engineering and Technology, Arasur session on 11.11.2019



Introduction to Python using Jupyter Notebook session on 06.11.2019



Machine Learning Algorithms, Data Analytics session on 06.11.2019

Seven Days PDP on

'Statistical Thermodynamics'

**November - 2019
(04.11.2019 -11.11.2019)**

ORGANISING COMMITTEE

PATRONS

**Dr. S. SUDALAI MUTHU
VICE-CHANCELLOR
Karpagam Academy of Higher Education**

**Dr. R. Sundararajan
Registrar**

**Dr. M. Palanisamy
Dean- FASH**

**CONVENOR
Dr. S. Ravi
HOD, Department of Chemistry,
Karpagam Academy of Higher Education.**

**ORGANIZING SECRETARY
Dr. S. Manickasundaram
Assistant Professor, Department of Chemistry
Karpagam Academy of Higher Education**

**CO-ORDINATOR
Dr. G. Ayyannan
AP, Department of Chemistry,
Karpagam Academy of Higher Education,**

For Enquiries contact:
Cell: 9677176142, 8903500032
kahetribo@gmail.com

INVITED SPEAKERS

**Dr. J. Thamarai selvi
Associate Professor, Dept. of Chemistry
Avinashilingam institute of Home Science and
Higher Education for Women**

**Dr. S. Abraham John
Professor, Dept. of Chemistry
The Gandhigram Rural Institute (Deemed to
be University)**

**Dr. R. Rajalakshmi,
Professor,
Department of Chemistry,
Avinashilingam institute of Home Science and
Higher Education for Women**

**Dr. V. Raj,
Professor and Head,
Department of Chemistry,
Periyar University,**



Seven Days PDP on

'Statistical Thermodynamics'

**November - 2019
(04.11.2019-11.11.2019)**

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



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Email : info@karpagam.com Web : www.kahedu.edu.in**

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**A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE DEVELOPMENT
&
DEPARTMENT OF CHEMISTRY**

**Report on the Professional Development Programme on “Statistical Thermodynamics”
conducted between 04-11-19 to 11-11-2019**

A Professional development Programme on “Statistical Thermodynamics” conducted between 04-11-19 to 11-11-2019 for the Faculty members of Department of Chemistry. About 15 faculty members attended the programme.

This course aims to provide opportunities to faculty members to enrich their technical knowledge in the field of statistical thermodynamics. The Programme also intends to develop the knowledge of the participants in the relevant field for inculcating learning values in students. The Programme also intends to develop the culture in participants for motivation the relevant field for inculcating learning values in students and guiding and monitoring their progress.

All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the academic curriculum. Participants were enlightened with the most widely used advance strategies in statistical thermodynamics. This in turn will help in motivating participants as well as students & student’s placement opportunity.

All participants received certificate. The program was ended with vote of thanks by Dr. S. P. Rajendran.



Dr. S. Abraham John Delivered his valuable talk in the session.

S. Raj



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A JOINT PROGRAMME OF CENTRE FOR HUMAN RESOURCE DEVELOPMENT
&
DEPARTMENT OF CHEMISTRY

Professional Development Programme on “**Statistical Thermodynamics**”

Date: From 04-11-19 to 11-11-19

Venue: Department of Chemistry

Name list

S.No	Faculty Name	Designation
1	Dr.S.Ravi	Prof &Head
2	Dr.S.P.Rajendran	Adjunct Professor
3	Dr.A. Thangamani`	Asst.Prof
4	Dr.M.R Ezhilarasi	Asst.Prof
5	Dr.K. Sundaram	Asst.Prof
6	Dr.M.Makeswari	Asst.Prof
7	B. Prabha	Asst.Prof
8	R. Kumar	Asst.Prof
9	Dr. M.Gopalakrishnan	Asst. Prof
10	K. Sathya	Asst.Prof
11	Dr. S. ManickaSundaram	Asst. Prof.
12	Dr. N. Kannapiran	Asst.Prof
13	Dr. K. Saravanamani	Asst.Prof
14	Dr. E. Yamuna	Asst.Prof
15	Dr. S. Savithiri	Asst.Prof

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Coimbatore 641021

**A Joint Programme of
Centre of Human Resource
Development
And
Department of Management
Invites you for
PROFESSIONAL DEVELOPMENT
PROGRAMME ON RESEARCH
METHODS AND SPSS
28.10.2019 - 03.11.2019**



Chief Patron

Vice Chancellor
KAHE

Patron

Registrar
KAHE

Dean

FASH
KAHE

Convenor : Dr. S. S. Shanthakumari

Coordinators: Dr. C. Shangunthala
Dr. A. Martin jayaraj
Dr. M. S. Sibi
Dr. A. Rajesh

Resource person for Professional Development Programme

Topic	Resource Person
Research Process, Hypothesis Framing and Testing	Dr.V.S. Elamurugan, Professor, KAHEmaraguru college of Tecnology, Chinnavedampatti, Coimbatore.
Preparation of Research Report & Developing Research proposal	Dr. A. Jafersadhiq Assistant Professor Department of Management Erode Sengunthar Engineering College, Perundurai
Research Variables, Scales &	: Dr . V. Mohanasumdaram, Professor, PSG arts and science college, Coimbatore
Data filter and Descriptive Statistics	Dr. R. Jaga Jeevan, Assistant Professor, PSG IM, Coimbatore.
T- test, ANOVA, and MANOVA	Dr. Shantha mani, Professor, Vels Deemed university, Chennai.
Chi square, Correlation and Regression Analysis	Dr. P.R Muthuswamy, Dean, Principal Dr. NGP Arts & Science college, Coimbatore-48
Factor Analysis & Cluster Analysis	Dr.Susan Abraham, Professor, PSGR Krishnammal college for women, coimbatore -4.

Venue: Thiruvalluvar Hall

Report - PROFESSIONAL DEVELOPMENT PROGRAM ON

“RESEARCH METHODS AND SPSS”- 28.10.2019 - 03.11.2019

Day 1:

Date	Session	Topic	Resource Person
28.10.2019	FN&AN	Research Process, Hypothesis Framing and Testing	Dr.V.S. Elamurugan, Professor, Kumaraguru college of Tecnology, Chinnavedampatti, Coimbatore.

Resource person Dr.V.S. Elamurugan, Professor, Kumaraguru college of Tecnology, Chinnavedampatti, Coimbatore. The Professional development Program started at 9:30 am on 28.10.2019 in Thiruvalluvar Hall with the Welcome address by Dr. S.S. Shanthakumari, Professor & Head, Department of Management, KU. Firstly, the Resource person discussed on the Research Process . Resource person also elaborated on framing and testing hypothesis.

Day 2:

Date	Session	Topic	Resource Person
29.10.2019	FN&AN	Preparation of Research Report & Developing Research proposal	Dr. A. Jafersadhiq Assistant Professor Department of Management Erode Sengunthar Engineering College, Perundurai

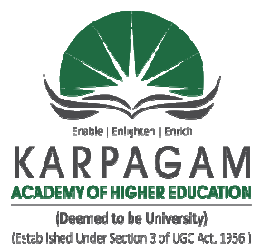
Resource person: Dr. A. Jafersadhiq Assistant Professor Department of Management Erode Sengunthar Engineering College, Perundurai. On the second day of the program, resource person has explained, how to prepare to research report in detail. He also elucidated on developing research proposal and funding agencies which provides grants for various research.

Day 3:

Date	Session	Topic	Resource Person
30.10.2019	FN&AN	Research Variables, Scales &	: Dr . V. Mohanasumdara, Professor, PSG arts and science college, Coimbatore

Resource person: Dr . V. Mohanasumdaram, Professor, PSG arts and science college, Coimbatore. Day three of the Professional development Program started at 9:30 am on 30.10.2019. The resource person had started the session on

the basics of research. Resource person emphasized on variables of research. Resource person also emphasized on scales used for research.



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Day 4:

Date	Session	Topic	Resource Person
31.10.2019	FN&AN	Data filter and Descriptive Statistics	Dr. R. Jaga Jeevan, Assistant Professor, PSG IM, Coimbatore.

Resource person: Dr. R. Jaga Jeevan, Assistant Professor, PSG IM, Coimbatore. Day four of the Professional development Program begun at 9:30 am on 31.11.2019 at MBA computer Lab, the resource person on the fourth day of the program had elaborated on how to filter data from the raw data for research work. He also elaborated on the application of descriptive statistics methods.

Day 5:

Date	Session	Topic	Resource Person
01.10.2019	FN&AN	T- test, ANOVA, and MANOVA	Dr. Shantha mani, Professor, Vels Deemed university, Chennai.

Resource person: Dr. Shantha mani, Professor, Vels Deemed university, Chennai. Day five of the Professional development Program begun at 9:30 am on 02.11.2019 at MBA computer Lab, the resource person explained on the applicability of T- test, ANOVA, and MANOVA. Participants of program were given hands on experience of by using Statistical package.

Day 6:

Date	Session	Topic	Resource Person
02.10.2019	FN&AN	Chi square, Correlation and Regression Analysis	Dr. P.R Muthuswamy, Dean, Principal Dr. NGP Arts & Science college, Coimbatore-48

Resource person: Dr. P.R Muthuswamy, Dean, Principal Dr. NGP Arts & Science college, Coimbatore-48. On day six the resource person covered Chi square, Correlation and Regression Analysis. He elaborated on the applications of these methods in detail with the Practical demonstration.

Day 7:

Date	Session	Topic	Resource Person
03.10.2019	FN&AN	Factor Analysis & Cluster Analysis	Dr.Susan Abraham, Professor, PSGR Krishnammal college for women, coimbatore -4.

Resource person: Dr.Susan Abraham, Professor, PSGR Krishnammal college for women, coimbatore -4. Final day of the Professional development Program started at 9:30 am in MBA computer lab. The resource person addressed on the topics of Factor Analysis & Cluster Analysis. Resource person explained on how to use cluster analysis and factor analysis for the research problems and also gave practical demonstration on these research tools. Finally, the program ended with the vote of thanks by Dr. A. Rajesh, Assistant Professor, Department of management.

PHOTO



PROFESSIONAL DEVELOPMENT PROGRAM ON "RESEARCH METHODS AND SPSS".

Schedule of Professional Development Program

Date	Session	Topic	Resource Person
28.10.2019	FN&AN	Research Process, Hypothesis Framing and Testing	Dr.V.S. Elamurugan, Professor, Kumaraguru college of Tecnology, Chinnavedampatti, Coimbatore.
29.10.2019	FN&AN	Preparation of Research Report & Developing Research proposal	Dr. A. Jafersadhiq Assistant Professor Department of Management Erode Sengunthar Engineering College, Perundurai
30.10.2019	FN&AN	Research Variables, Scales &	: Dr . V. Mohanasumdara, Professor, PSG arts and science college, Coimbatore
31.10.2019	FN&AN	Data filter and Descriptive Statistics	Dr. R. Jaga Jeevan, Assistant Professor, PSG IM, Coimbatore.
01.10.2019	FN&AN	T- test, ANOVA, and MANOVA	Dr. Shantha mani, Professor, Vels Deemed university, Chennai.
02.10.2019	FN&AN	Chi square, Correlation and Regression Analysis	Dr. P.R Muthuswamy, Dean, Principal Dr. NGP Arts & Science college, Coimbatore-48
03.10.2019	FN&AN	Factor Analysis & Cluster Analysis	Dr.Susan Abraham, Professor, PSGR Krishnammal college for women, coimbatore -4.

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

**PROFESSIONAL DEVELOPMENT PROGRAM ON
“RESEARCH METHODS AND SPSS”**

List of Participants

Date: 28.10.2019 - 03.11.2019

S.No.	Name of the Participant	Designation
1.	Dr. S. S. Shanthakumari	Head of the Department
2.	Dr. M. Nandhini	Professor
3.	Dr. V. Krishnaveni	Professor
4.	Dr. S. Venkatachalam	Associate Professor
5.	Dr. A. Dharmaraj	Associate Professor
6.	Mrs. G. Sumathi	Assistant Professor
7.	Dr. C. Sagunthala	Assistant Professor
8.	Dr. A. Martin Jayaraj	Assistant Professor
9.	Mrs. P. Sathiyabama	Assistant Professor
10.	Mr. V. Gowtham Raaj	Assistant Professor
11.	Mr. V. Vivek	Assistant Professor
12.	Dr. S. Sibi	Assistant Professor
13.	Mrs. PA. Padmaavathy	Assistant Professor
14.	Dr. V. Ramadevi	Assistant Professor
15.	Dr. R. Sankar Ganesh	Assistant Professor

16.	Dr.T. Sudha Maheswari	Assistant Professor
17.	Dr. G.G. Loganathan	Assistant Professor
18.	Mrs.T.N.P.Nalini	Assistant Professor
19.	Dr.B.Senthilkumar	Assistant Professor
20.	Dr. J Sudarvel	Assistant Professor
21.	Dr.Ebenezer Paul Rajan T Y	Assistant Professor
22.	Dr. A Rajesh	Assistant Professor
23.	Mr. M Mahadeven	Assistant Professor
24.	Mr. R. Venkatesh	Assistant Professor
25.	Dr. M. Usha	Assistant Professor
26.	N. Sathiyendran	Assistant Professor
27.	V. Sasikala	Assistant Professor
28.	Dr. P. Radha	Associate Professor
29.	M. Shabeena Begam	Assistant Professor
30.	Mrs.S.Poovizhi	Assistant Professor

ADVISORY COMMITTEE

CHIEF PATRON

Dr.S.SUDALAIMUTHU

Vice-Chancellor

PATRON

Dr.M.Palaniswamy

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
- Mrs.M.Vidhya, AP/Civil
- Ms.S.M.Leela Bharathi, AP/Civil
- Ms.V.Johnpaul, AP/Civil
- Mr.M.Sumesh, AP/Civil
- Ms. P.Preethi, AP/Civil
- Ms. S. Solai Mathi, AP/Civil
- Mrs. S.Pratheba, AP/Civil

RESOURCE PERSONS:

- **Dr. Prince Arulraj,**
Professor /Director, Karunya University,
Coimbatore
- **. Dr.Baskar,**
Professor, Institute of Road and Transport
Technology, Erode
- **Dr.M.G.Rajendran**
Professor, Karunya University, Coimbatore.
- **Dr..V.G.Srisanthi**
Associate Professor, Department of Civil
Engineering, Coimbatore Institute of
Engineering and Technology
- **Dr.Venilla**
Professor, Department of Civil Engineering,
K.S Rangasamy, College of Engineering.

ABOUT THE PROGRAM

Reproduce the basic knowledge of mathematics and engineering in finding the strength in tension, compression, shear and torsion. Identify, formulate and solve engineering problems of structural elements subjected to flexure. Evaluate the impact of engineering solutions on the society and also will be aware of contemporary issues regarding failure of structures due to unsuitable materials.

TOPICS TO BE COVERED

Schedule 1: To apply knowledge in calculating the mechanical properties of structural materials.

Schedule 2: To function on multi-disciplinary teams in the area of materials testing

Schedule 3: The techniques, skills and modern engineering tools necessary for engineering

Schedule 4: To communicate effectively the mechanical properties of materials.

Schedule 5: professional and ethical



**A Joint Programme of
Centre for Human Resource Development
and
Department of Civil Engineering**

**Short term course
On
Material Testing and Evaluation**

from

22.10.2019 to 29.10.2019

**Organized by
Department of Civil Engineering**

**Karpagam Academy of Higher Education
(Deemed to be University)
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Pollachi Main Road, Eachanari Post,
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**Phone No: 0422-298001-14,
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Email ID: info@kahedu.edu.in
Web: www.kahedu.edu.in**

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

**REPORT
SHORT TERM COURSE
MATERIAL TESTING AND EVALUATION**

Expert Name:

- Dr. Prince Arulraj, Professor /Director, Karunya University, Coimbatore
- Dr.Baskar,Professor, Institute of Road and Transport Technology, Erode
- Dr.M.G.Rajendran, Professor, Karunya University, Coimbatore.
- Dr..V.G.Srisanthi, Associate Professor, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology
- Dr.Venilla, Professor, Department of Civil Engineering, K.S Rangasamy, College of Engineering.

Date: 22.10.2019 to 29.10.2019

Venue:UM213

FDP SUMMARY:

Need for the Topic

- The objectives of this course is to make students to learn:
- Ability to apply knowledge of mathematics and engineering in calculating the mechanical properties of structural materials.
- Ability to function on multi-disciplinary teams in the area of materials testing.
- Ability to use the techniques, skills and modern engineering tools necessary for engineering.
- Understanding of professional and ethical responsibility in the areas of material testing.
- Ability to communicate effectively the mechanical properties of materials.

Course outcomes:

After successful completion of the course, the students will be able to:

- Reproduce the basic knowledge of mathematics and engineering in finding the strength in tension, compression, shear and torsion.
- Identify, formulate and solve engineering problems of structural elements subjected to flexure.
- Evaluate the impact of engineering solutions on the society and also will be aware of contemporary issues regarding failure of structures due to unsuitable materials.

Co-ordinator

KARPAGAM ACADEMY OF HIGHER EDUCATION
(Deemed to be University Established Under Section 3 of UGC Act 1956)
Pollachi Main Road, Eachanari Post, Coimbatore, Tamilnadu 641021.

FACULTY OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

Short Term Course on
Material Testing and Evaluation
22.10.2019 to 29.10.2019

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.	Mrs.Vidhya M	Assistant professor
6.	Mr. S.Sanjay	Assistant Professor
7.	Ms. P. Preethi	Assistant Professor
8.	Ms.S.M.Leela Bharathi	Assistant Professor
9.	Mr.V.John Paul	Assistant Professor
10.	Mr. S. Sumesh	Assistant Professor
11.	Ms. Sindhu. R	Assistant professor

ORGANIZING COMMITTEE

CHIEF PATRON

Prof. Dr. S. Sudalaimuthu
Vice Chancellor

PATRON

Dr.R.Sundararajan
Registrar

M.Palaniswamy
Dean, FASH

CONVENOR

Dr. S. Veni
Professor and Head

ORGANIZING SECRETARY

Dr. S. Sheeja
Associate Professor and Head (i/c)

COMMITTEE MEMBERS

Dr. R.Gunasundari, Assistant Professor & Head (i/c)

Dr. T. Genish, Assistant Professor

Dr. E. J. Thomson Fredrik, Assistant Professor

Dr. D.Shanmuga Priyaa, Assistant Professor

K. Prathapchandran, Assistant Professor

K. Yuvaraj, Assistant Professor

P.Tamil Selvan, Assistant Professor

D. Manjula, Assistant Professor

Resource Persons

Dr.P.Shanmugavadivu

Professor
Department of Computer Science and Applications
Gandhigram Rural Institute -DU, Gandhigram

Dr.T.Kalaiselvi

Assistant Professor
Department of Computer Science and Applications
Gandhigram Rural Institute -DU, Gandhigram

Dr.P.Subathra

Professor and Head
Department of IT
Kamaraj College of Engineering
Viruthunagar

Programme schedule

Date : 14.10.2019 to 16.10.2019
Topic : Introduction to Artificial Intelligence

Keynote Address

Dr.P.Shanmugavadivu

Professor

Date : 17.10.2019 to 19.10.2019

Topic : Artificial Intelligence – A Research Perspective

Keynote Address

Dr.T.Kalaiselvi

Assistant Professor

Date : 20.10.2019 to 21.10.2019

Topic : Application of Artificial Intelligence

Keynote Address

Dr.P.Subathra

Professor and Head

Professional Development Program on Artificial Intelligence and its Applications

14.10.2019 to 21.10.2019



A Joint Programme of
CENTRE OF HUMAN RESOURCE DEVELOPMENT
&
DEPARTMENT OF CS, CA & IT

KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act 1956)

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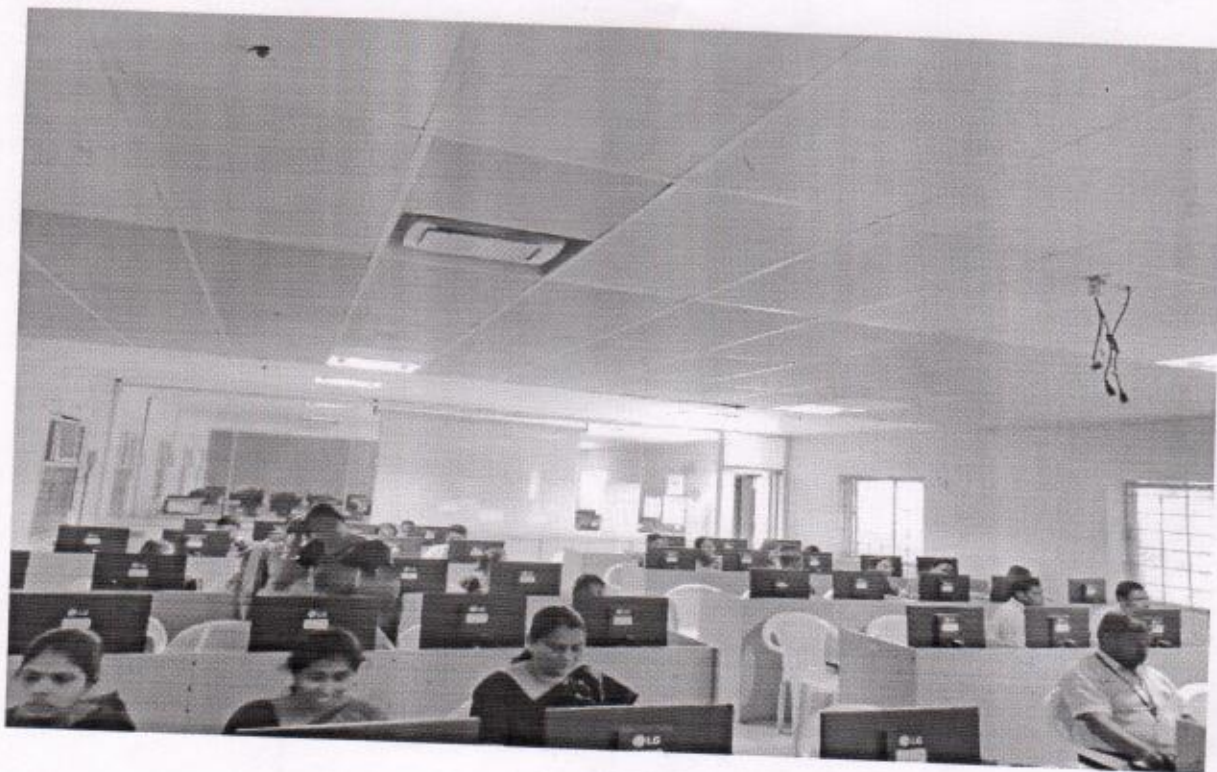
Report

Professional Development Programme on Artificial Intelligence and its Applications

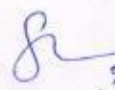
Department of Computer Science, Applications & Information Technology organized PDP titled as "Artificial Intelligence and its Applications" from 14.10.2019 to 21.10.2019. The faculty members of FASH, FOE department have participated in this program. The resources person, Dr. Thamaraiselvi, Professor, Department of Computer Technology, Madras Institute of Technology, Anna University, Chennai have done her Ph.D in Neural Networks. She gave detailed lecture on Artificial Neural Network model diagnosis for few real time problems.

Hands-on training using real time industry case studies was given by Dr.M.Punithavalli, Associate Professor, department of Computer Applications, Bharathiar University.

The program was very useful for the faculty members as well as the researchers those who are doing research in various domain like Artificial Intelligence, Bio-inspired Computing etc., etc.,.



Training by Dr. Thamaraiselvi


21/10/19
(HOD)

Professional Development Program on Artificial Intelligence and its Applications

14.10.2019 to 21.10.2019

List of Participants

S.No	Name of the Faculty
1.	Dr.S.Veni
2.	Dr.R.Gunasundari
3.	Dr.S.Sheeja
4.	Dr.S. ManjuPriya
5.	Dr.D.Shanmuga Priyaa
6.	Dr.S.Hemalatha
7.	K. Banuroopa
8.	Dr.M. Mohankumar
9.	K. Kathirvel
10.	Dr.P. Tamilselvan
11.	Dr.G.Manivasagam
12.	Dr.G.Anitha
13.	Mrs.J.Hemagowri
14.	S.A. SathyaPrabha
15.	Mr. K. Veerasamy
16.	Dr.E.J.Thomson Fredrik
17.	D.Manjula
18.	K.Yuvaraj
19.	Dr.K.Prathapchandran
20.	R.Nithya
21.	Dr. T. Genish
22.	Dr.A.Jenneth
23.	Dr.J.Rajeswari
24.	R.Bhuvaneswari
25.	R.LydiaPriyadarshini
26.	Dr.P.Vijayalakshmi
27.	Dr.S.Natarajan
28.	Dr.K.Devasenapathy
29.	M.Kannan
30.	P.Mohana Chelvan
31.	Dr.S.Saravana Kumar
32.	Dr.N.Thangarsu
33.	S.Boopathiraja
34.	K.Ramesh
35.	Dr.B.Firdaus Begam
36.	K.Geetha
37.	Dr.V.Sangeetha
38.	C. Jothish
39.	S.Subash Chandra Bose
40.	M.Sakthi Asvini
41.	Dr.V.Sameswari
42.	

ORGANIZING COMMITTEE

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Karpagam Academy of Higher Education

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Officer, Karpagam Educational
Institutions

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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

Dr. B. Senthil Kumar

About the Programme:

Case study is a description of an actual administrative situation involving a decision to be made or a problem to be solved. It can be a real situation that actually happened just as described, or portions have been disguised for reasons of privacy. Most case studies are written in such a way that the reader takes the place of the manager whose responsibility is to make decisions to help solve the problem. In almost all case studies, a decision must be made, although that decision might be to leave the situation as it is and do nothing.

DATE: 04.10.2019 TO 11.10.2019

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&
DEPARTMENT OF COMMERCE

SHORT TERM COURSE

✓ **CASE STUDY ANALYSIS**

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FACULTY OF ARTS, SCIENCE AND HUMANITIES

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AND
DEPARTMENT OF COMMERCE**

Short Term Course On Case Study Analysis

The Department of Commerce organized a Short term course on Case Study Analysis during 04.10.2019 to 11.10.2019. The faculty members of FASH participated in this programme. The resource person gave insight towards Case Study and researchers found it very useful and informative. A case study analysis requires you to investigate a business problem, examine the alternative solutions, and propose the most effective solution using supporting evidence.

Preparing the Case

Before you begin writing, follow these guidelines to help you prepare and understand the case study:

1. Read and Examine the Case Thoroughly
 - Take notes, highlight relevant facts, underline key problems.
2. Focus Your Analysis
 - Identify two to five key problems.
 - Why do they exist?
 - How do they impact the organization?
 - Who is responsible for them?
3. Uncover Possible Solutions/Changes Needed
 - Review course readings, discussions, outside research, your experience.
4. Select the Best Solution
 - Consider strong supporting evidence, pros, and cons. Is this solution realistic?

Drafting the Case

Once you have gathered the necessary information, a draft of your analysis should include these general sections, but these may differ depending on your assignment directions or your specific case study:

1. Introduction
 - Identify the key problems and issues in the case study.
 - Formulate and include a thesis statement, summarizing the outcome of your analysis in 1–2 sentences.

2. Background

- Set the scene: background information, relevant facts, and the most important issues.
- Demonstrate that you have researched the problems in this case study.

3. Evaluation of the Case

- Outline the various pieces of the case study that you are focusing on.
- Evaluate these pieces by discussing what is working and what is not working.
- State why these parts of the case study are or are not working well.

4. Proposed Solution/Changes

- Provide specific and realistic solution(s) or changes needed.
- Explain why this solution was chosen.
- Support this solution with solid evidence, such as:
 - Concepts from class (text readings, discussions, lectures)
 - Outside research
 - Personal experience (anecdotes)

5. Recommendations

- Determine and discuss specific strategies for accomplishing the proposed solution.
- If applicable, recommend further action to resolve some of the issues.
- What should be done and who should do it?

Finalizing the Case

After you have composed the first draft of your case study analysis, read through it to check for any gaps or inconsistencies in content or structure:

- Is your thesis statement clear and direct?
- Have you provided solid evidence?
- Is any component from the analysis missing?

Analyzing the case should take the following steps:

1. Defining the issue(s)
2. Analyzing the case data
3. Generating alternatives
4. Selecting decision criteria
5. Analyzing and evaluating alternatives
6. Selecting the preferred alternative
7. Developing an action/implementation plan



The Chief Guest is explaining the faculties about how to analyses the case study

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**SHORT TERM COURSE
ON
CASE STUDY ANALYSIS**

List of Participants

Date: 04.10.19-11.10.19

S.No	Name	Designation
1	Dr. K. Jothi	Head of department
2	Dr. SM. Chockalingam	Professor
3	Dr. R. Murugan	Professor
4	Dr. R. Velmurugan	Associate Professor
5	K. Kavitha	Assistant Professor
6	Deepu Nair	Assistant Professor
7	N. Sumathi	Assistant Professor
8	Dr. V. Mathan Kumar	Assistant Professor
9	S. Sambath Kumar	Assistant Professor
10	R. Naveena	Assistant Professor
11	Dr. B. Seetha Devi	Assistant Professor
12	P. Eswaran	Assistant Professor
13	R.J. Kiruthika	Assistant Professor
14	M. Ramkumar	Assistant Professor
15	Dr. M. Mirsath Begum	Assistant Professor
16	Dr. K. Marammal Devi	Assistant Professor
17	R. Subasree	Assistant Professor
18	S. Ishwariakshmi	Assistant Professor
19	R. Jayalakshmi	Assistant Professor
20	N.R. Nithya	Assistant Professor
21	Dr.A.Geethalakshmi	Assistant Professor