FACULTY OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SCHEDULE :

Guest lecture/ Industrial visit/ Seminar/Workshop /Hands on Training / others	WORKSHOP
Details of the program (Topic / Theme)	R-Programming
Academic year	2017-2018
Semester	EVEN
Number of Students participated	22
Name of the agencies involved with full contact details	Karpagam Academy of Higher Education,Eachanari Post, Coimbatore-641021.Tamilnadu,India
Name of the Resource person	Ms.NitaBhupatrai, Director, UdaanTechnologies,Coimbatore.
Venue	UE Lab
Date of implementation (DD-MM-YYYY)	08.09.2017

CIRCULAR :

FACULTY OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEEIRNG

NO: KAHE/R-ACAD/CC&CD/2017/335   Date: 01.07.2017

CIRCULAR

It is informed that Computer Science and Engineering has planned to conduct Workshop
on "**R-PROGRAMMING**" on 08.09.2017 at UE Lab. The students from Computer
Science and Engineering department are requested to attend the Workshop and get guidance
from the expert speaker regarding the lecture.

HOD – CSE

Head of the Department
Department of Computer Science and Engineering
Faculty of Engineering
Karpagam Academy of Higher Education
Pollachi Main Road, Eachanari Post,
Coimbatore 641 021

To
All the class advisors
(To be read in all classes)

Copy to
1. The Registrar office
2. The Dean office
3. The Director – IQAC

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INVITATION :

KARPAGAM ACADEMY OF HIGHER EDUCATION

KARPAGAM UNIVERSITY

(Deemed to be University Established Under Section 3 of UGC Act 1956)
Pollachi Main Road, Eachanari Post, Coimbatore-641 021, INDIA

Enable | Enlighten | Enrich
(Deemed to be University)
(Under Section 3 of UGC Act 1956)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Cordially invites you for the workshop

on

R PROGRAMMING

DATE:08th September 2017
TIME:9:30 A.M

VENUE:UE LAB

Dr.S.Sudalaimuthu
Vice Chancellor
Karpagam Academy of Higher Education

Dr.R.Sundararajan
Registrar
Karpagam Academy of Higher Education

Dr.D.Lakshmanan
Dean,Faculty of Engineering
Karpagam Academy of Higher Education

Chief Guest
Ms.Nita Bhupatrai
Director
Udaan Technologies
Coimbatore

Mr.M.Vigneshwar
&
Mr.T.Mohanraj
Convenors
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING

Dr.R.Santhosh
HoD
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING

BROUCHURE :

DECENNIUM YEAR 2017-2018
KARPAGAM ACADEMY OF HIGHER EDUCATION
KARPAGAM UNIVERSITY
(Deemed to be University Established Under Section 3 of UGC Act 1956)
Pollachi Main Road,Eachanari Post,Coimbatore-641 021,INDIA
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ONE DAY WORKSHOP ON
R-PROGRAMMING
Chief Guest
Ms.Nita Bhupatrai
Director
Udaan Technologies
Coimbatore
DATE : 8.9.2017
VENUE:UE Lab

REPORT :

The workshop commenced with welcome speech by **Dr. R.Santhosh(Associate Professor & Head, CSE Department)** and welcomed the Expert and participant and explained the objectives and importance of the workshop.

Ms. Nita Bhupatarai was an industry (Udaaan Technologies) expert and shared his insights, real life scenarios, , practical use cases and their solutions on R language and hands on development using various R CloudLabs. The lecture was focused on the key concepts related to the Internet of Things and the participants received a brief overview of the following topics: Learn various statistical concepts like linear and logistic regression, cluster analysis, and forecasting with predictive data analytics.In addition you will also learn hypothesis testing techniques. ACTE, best Training Institute in Chennai provides an in-depth understanding of the R language, R-studio, and R packages. You will learn the various types of apply functions including DPYR, gain an understanding of data structure in R, and perform data visualizations using the various packages available in R. it helps the students beginner level to advanced techniques that is taught by experienced working professionals to get the placement in good MNC companies.Finally **Ms.Aksharaa.P,** II CSE is given by vote of thanks.

Topics Covered:

Working with Data in R

Intro to the RStudio Environment, packages, and RMarkdown

- Intro to data manipulation with the dplyr package
- Descriptive statistics

- Data transformations with tidyr

- Data visualization with ggplot2

- Bivariate correlations and reliability tests with psych
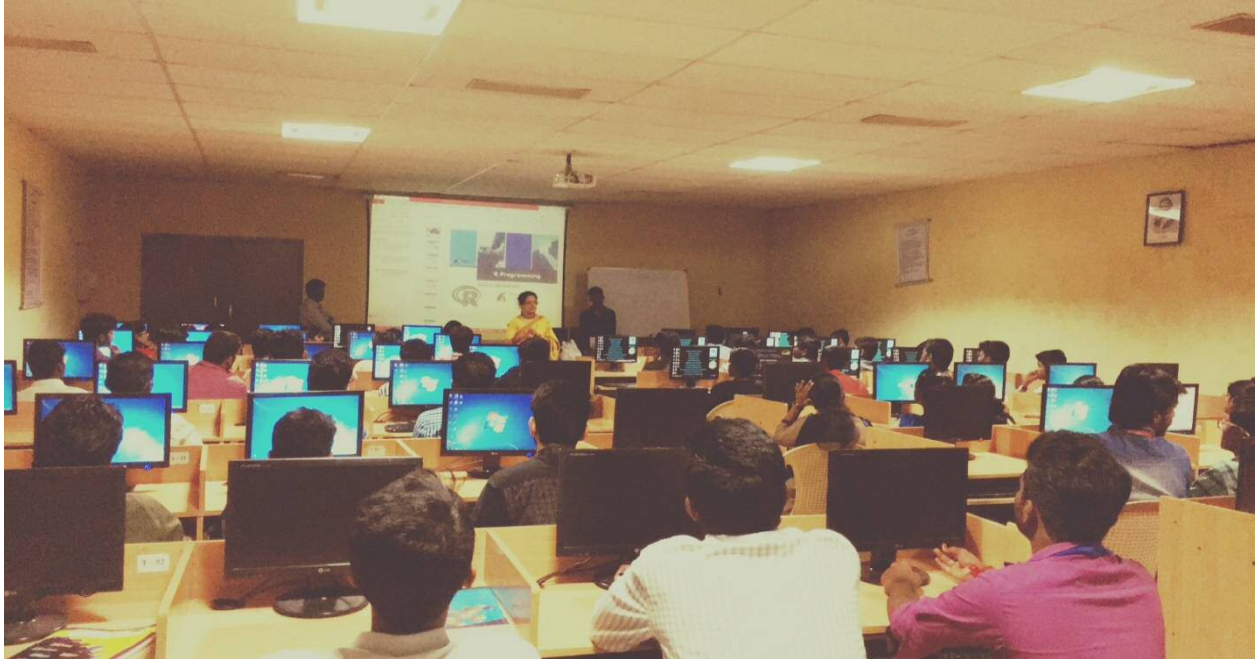
Hands on Training:

Statistical Modeling in R

Basic inference tests: T-tests and chi-square test

- Analysis of Variance (ANOVA)

- Linear regression

- Logistic regression

- Exploratory Factor Analysis (EFA)

- Confirmatory Factor Analysis (CFA) with lavaan

PHOTOS :

National Level Workshop on "R Programming " by **Ms. Nita Bhupatarai by, Udaaan Technologies**, on 08.08.2017.

Hands on Training Session on R-Programming

RESOURCE PERSON DETAILS:

Ms. Nita Bhupatrai

Founder - Udaan Technologies, Coimbatore

Coimbatore, Tamil Nadu, India

Udaan Technologies is an energetic startup that offers exceptional Software Consultancy Services, Project Management Consultancy Services and IT training Services including call center services. Udaan Technology aims to provide the most cost-effective solution through the best delivery methods and processes to ensure that customers can focus their internal resources on key business processes

IT experience (18 + yrs)

o Extensive experience in various facets of management roles (Test Management, Delivery Management, Project Management)

o 18 + yrs of experience in the IT industry with around 13+ yrs of Software Test Experience

o A certified software Test Manager with development background on Microsoft technologies

o Worked as Delivery Manager for Data Migration project and Program Interface for DWH project.

o Extensive experience in managing testing projects, Exposure to Performance Testing using WebLoad and functional testing tool using QTP

o Detailed knowledge of testing processes and methodologies

o Excellent analytical and strong communication skills

o Fast Learner, Self-Driven & Adaptive

ATTENDANCE SHEET:

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
Phone No: 0422-6471113-4, 6453777 Fax No: 0422 – 2980022-23
Email ID: info@karpagam.com   Web: www.kahedu.edu.in
FACULTY OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WORKSHOP ON R PROGRAMMING

Year/Semester	:	II Year / III Semester
Class	:	II B.E., Computer Science and Engineering
Branch	:	Computer Science and Engineering
Batch	:	2016 – 2017
Date	:	8 September 2017

NAME LIST

S.No.	Reg. No.	Student Name	Signature F.N.	Signature A.N.
1	16RBECSE054	PRIYA M	M. Esf	M. Esf
2	16RBECSE055	PRIYADHARSHNI R	R. Priyadharshni	R. Priyadharshni
3	16RBECSE056	RAAGAVI P	P. Raagavi	P. Raagavi
4	16RBECSE057	RAGHU B		
5	16RBECSE058	RAGHUL S	Raghul. S	Raghul. S
6	16RBECSE059	RAGU V	Ragu	Ragu
7	16RBECSE062	RAMEN KANTH P	ABSENT	ABSENT
8	16RBECSE063	RAMYA R	Ramya. R	Ramya. R
9	16RBECSE064	RANJANI D	D. Ranjani	D. Ranjani
10	16RBECSE065	RANJITH R	Ranjith. R	Ranjith. R
11	16RBECSE066	RANJITH S	S. Ranjith	S. Ranjith
12	16RBECSE067	ROBIN ROSH R	ABSENT	ABSENT
13	16RBECSE068	SAFFRIN S	S. Saffrin	S. Saffrin
14	16RBECSE069	SAILESH S		
15	16RBECSE070	SANJAY S	Sanjay	Sanjay
16	16RBECSE071	SANTHOSH KUMAR N	N. Santhoshkumar	N. Santhoshkumar
17	16RBECSE072	SANTHOSH KUMAR S	Jay	Jay
18	16RBECSE073	SARAVANAN S	ABSENT	ABSENT
19	16RBECSE074	SATHEESH P	P. Satheesh	P. Satheesh
20	16RBECSE075	SATHIYA GOWRI E	ABSENT	ABSENT
21	16RBECSE077	SHARAN KUMAR A		
22	16RBECSE078	SHIHABUDHEEN T M		
23	16RBECSE079	SHINY M	ABSENT	ABSENT

CERTIFICATE:

Karpagam Academy of Higher Education
(Deemed University)
(Established Under Section 3 of UGC Act, 1956)
Coimbatore – 641 021

FACULTY OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND   ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that **Ms. PRIYA.M (16RBECSE054)** has participated in the Workshop on R-Programming held at CSE Department, Karpagam Academy of Higher Education, and Coimbatore on **08.10.2017.**

Organizing Secretary

HOD