PRATHYUSHA ENGINEERING COLLEGE REQUEST FOR APPROVAL FOR CONDUCT OF ADD-ON/ CERTIFICATE COURSES

Date: 18.9.2018

From

The Head of the Department, Department of CSE & IT, Prathyusha Engineering College, Thiruvallur – 602025

To The Principal Prathyusha Engineering College, Thiruvallur – 602025

Respected Sir,

Sub: Request for conduct of Add-on /Certificate Courses- Reg

With reference to the suggestions provided by the Academic Council and the Academic Advisory Committee, it is proposed to conduct the following add-on/certificate courses for the academic year 2018-2019.

S.No.	Type of the course	Name of the Add on Course	Beneficiaries	Semester to be conducted	Venue of conduct	Duration (Hrs)
		Cloud Technologies	II,III and IV Year	Odd & Even Semester	Collaboration Block-Cisco Lab	32
2	Add-on Course	R Tool for statistical Analysis and Data Mining	II,III and IV Year	Even Semester	Collaboration Block – IBM Lab	30

The following additional details are attached for your kind perusal and approval please.

- 1. Schedule of the program
- 2. List of resource persons
- 3. Certificate Sample
- 4. Sample of Brochure
- Content of each programme Thanking you.

Regards V.R.Katha

Head of the Department

Approved/Not Approved

PLM

PRINCIPAL



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CLOUD COMPUTING CLUB

ADD-ON COURSE SCHEDULE

Academic Year: 2018-19

Course Name: Cloud Technologies

Duration: 32 Hrs.

Sessi on	Timing	Content	Resource Person			
		Day 1 - 21.7.2018				
8.00 a	m to 8.30 am	Inauguration				
1	8.40 am to 1.00 pm	Concepts of Cloud Computing	Mr.John Balaji, Program Manager, AWS Cloud Solutions, Hewlett Packard Enterprise			
1.00	to 1.30 pm	Lunch Break	nch Break			
2	1.30 pm to 5.00 pm	Amazon Web Services-E2C	Mr.John Balaji, Program Manager, AWS Cloud Solutions, Hewlett Packard Enterprise			
		Day 2 -28.7.2018				
1	8.40 am to 1.00 pm	Beanstalk	Mr.John Balaji, Program Manager, AWS Cloud Solutions, Hewlett Packard Enterprise			
1.00	to 1.30 pm	Lunch Break	*			
2	1.30 pm to 5.00 pm	Hands on cloud experience in Amazon Web Services	Mr.John Balaji, Program Manager, AWS Cloud Solutions, Hewlett Packard Enterprise			
		Day 3 - 21.2.2019				
1	08.00 am to 1.00 pm	S3 Buckets, SNS, SQS and Cloud Watch	Dr.Doreen Robin, Founder & Director, Computational Intelligence Research Foundation (CIRF)			
1.00	to 1.30 pm	Lunch Break				
2	1.30 pm to 5.00 pm	IAAS Management	Dr.Doreen Robin, Founder & Director, Computational Intelligence Research Foundation (CIRF)			
		Day 4 - 22.2.2019				
1	08.00 am to 1.00 pm	AWS Project deployment	Ms.M.D.Boomija, AP/IT			
1.00	to 1.30 pm	Lunch Break				
2	1.30 pm to 5.00 pm	Implementation & Presentation	Ms.B.S.Liya, AP/IT			



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PRATHYUSHA ENGINEERING COLLEGE

DATA ANALYTICS CLUB

ADD-ON COURSE SCHEDULE

Academic Year: 2018-19

Course Name: R tool for Statistical Analysis & Data Mining

Duration: 30 Hrs.

Sessi on	Timing	Content	Resource Person
		Day 1 - 21.02.2019	
8.00 a	m to 8.30 am	Inauguration	
1	8.40 am to 1.00 pm	Introduction to Data Analytics ✓ Analysis Vs Analytics ✓ Types of Analytics	Mr.I.Mohan, AP/IT Prathyusha Engineering College
1.00	to 1.30 pm	Lunch Brea	k
2	1.30 pm to 5.00 pm	 Basics of R Programming for Data Science ✓ Why R? ✓ How to install R / R Studio? ✓ How to install R packages? ✓ Basic computations in R 	Mr.I.Mohan, AP/IT Prathyusha Engineering College
		Day 2 -22.2.2019	
1	8.40 am to 1.00 pm	 Essentials of R Programming ✓ Data Types and Objects in R ✓ Control Structures ,Functions, in R ✓ Useful R Packages Reading CSV,XLX File 	Mr.I.Mohan, AP/IT Prathyusha Engineering College
1.00	to 1.30 pm	Lunch Brea	k
2	1.30 pm to 5.00 pm	 Exploratory Data Analysis in R ✓ Basic Data Analysis ✓ Basic Graphs ✓ Treating Missing values ✓ Working with Continuous and Categorical Variables 	Mr.I.Mohan, AP/IT Prathyusha Engineering College
		Day 3 - 23.2.2019	
1	08.00 am to 1.00 pm	Predictive Modeling using Machine Learning in R ✓ Apriori ✓ K-means Clustering ✓ Naïve Bayesian classification	Mr.I.Mohan, AP/IT Prathyusha Engineering College
1.00	to 1.30 pm	Lunch Brea	lk
2	1.30 pm to 5.00 pm	Sentiment Analysis with a sample Project	Mr.I.Mohan, AP/IT Prathyusha Engineering College
		Day 4 - 25.2.2019	
1	9.00 am to 12.00 pm	Project Execution & Presentation - Valedictio	on





CLOUD COMPUTING CLUB CERTIFICATE OF MERIT











DATA ANALYTICS CLUB



"R TOOL FOR STATISTICAL ANALYSIS & DATA MINING"

MERIT CERTIFICATE

This is to certify that Ms. /Mr.

has successfully completed the course titled "R Tool for statistical

Analysis and Data Mining" conducted by Data Analytics club for the

Academic Year 2018-2019 at Prathyusha Engineering college.

Ms.B.Gunasundari Club Coordinator Ms.V.R.Kavitha HOD/CSE Dr. P.L.N.Ramesh Principal



PRATHYUSHA

ENGINEERING COLLEGE

DEPARTMENT OF INFORMATION TECHNOLOGY



COMPUTING CLUB

Presents



Course on the Title

"CLOUD TECHNOLOGIES"

Duration: 32 Hrs.

Eligibility:

- 1. II, III and IV Year CSE, IT Students
- 2. Basics of Logical thinking and Programming concepts

Course Contents:

Cloud computing concepts, Amazon Web Services – EC2-Route53-Beanstalk-Hands on cloud experience in Amazon Web Services – S3 buckets - SNS - SQS – Cloud watch – IAAS management, AWS Project deployment discussion

Outcome:

- Cloud Technologies Certification
- Placement in IT Sectors, Projects and Internships

Programme Coordinator:

Ms.B.S.LIYA, Assistant Professor

Email-id: liya.it@prathyusha.edu.in

Phone number: 9884500551

HOD: Dr.P.Chitra, Professor



PRATHYUSHA

ENGINEERING COLLEGE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DATA ANALYTICS CLUB



Presents



Course on the Title

"R TOOL FOR STATISTICAL ANALYSIS AND DATA MINING"

Duration: 30 Hrs.

Eligibility:

- 1. II, III and IV Year Students
- 2. Basics of Logical thinking and Programming concepts

Course Contents:

Introduction to Data Analytics - Analysis Vs Analytics - Types of Analytics - Basics of R Programming for Data Science - Why R? – Installation of R and R Studio – Package installation – Computation in R – Essentials of R programming - Data Types and Objects in R - Control Structures - Functions, in R - Useful R Packages - Reading CSV, XLS File – Exploratory Analysis in R – Data Analysis and graph – Treating missing values – Working with continuous and categorical variables – Predictive Modelling using Machine Learning with R – A priori – Naïve Bayes – Sample Project

Outcome:

- R Certification
- Placement in IT Sectors, Projects and Internships
- Able to do data Analytics for any data set

Programme Coordinator:

Ms.B.Gunasundari, Assistant Professor

Email-id: b.gunasundari2005@gmail.com

Phone number: 9843358385

HOD: Ms.V.R.Kavitha, Associate Professor



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ADD ON COURSE SYLLABUS

2018-19 ACADEMIC YEAR

LIST OF COURSES

- 1. Cloud Technologies by Cloud Computing Club
- 2. R-Tool for Statistical Analysis & Data Mining by Data Analytics Club

SYLLABUS

COURSE NAME : Cloud Technologies

DURATION : 32 Hrs.

TOPICS:

Cloud computing concepts, Amazon Web Services – EC2-Route53-Beanstalk-Hands on cloud experience in Amazon Web Services – S3 buckets - SNS - SQS – Cloud watch - IAAS management, AWS Project deployment discussion

COURSE NAME : R-Tool for Statistical Analysis & Data Mining

DURATION : 30 Hrs.

TOPICS:

Introduction to Data Analytics - Analysis Vs Analytics - Types of Analytics -Basics of R Programming for Data Science - Why R? – Installation of R and R Studio – Package installation – Computation in R – Essentials of R programming - Data Types and Objects in R -Control Structures - Functions, in R - Useful R Packages - Reading CSV, XLS File – Exploratory Analysis in R – Data Analysis and graph – Treating missing values – Working with continuous and categorical variables – Predictive Modelling using Machine Learning with R – Apriori – Naïve Bayes – Sample Project

PRATHVUSÍA ENGINEERING COLLEGE DEPARTMENT OF CSE & IT

CLOUD COMPUTING CLUB

CIRCULAR

DATE: 4.2.2019

The Department of Computer Science and Engineering and Information Technology has scheduled the Certificate Course titled "Cloud Technologies" through Cloud Computing Club for the students studying in II. III and IV years of study. The lists of interested students are informed to enroll themselves on or before 15.2.2019 for the programme to the Programme Coordinator as per the following schedule.

S.No.	;	Name of the Program	Programme Coordinator	Duration	Venue
¦ i		Cloud Technologies	Ms.M.D.Boomija	32	Collaboration Block-Cisco Lab

***The schedule of the programme along with the list of interested students is attached for ready reference.

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HEAD OF THE DEPARTMENT

Copy To:

- I. All Department faculty
- 2. Programme coordinators
- 3. Laboratory fo Charges
- 4. To be read in All classrooms
- 5. Department Notice Board

PRATHYUSHA ENGINEERING COLLEGE DEPARTMENT OF CSE & IT

DATA ANALYTICS CLUB

CIRCULAR

DATE: 4.2.2019

The Department of Computer Science and Engineering and Information Technology has scheduled the Certificate Course titled "R Tool for Statistical Analysis and Data Mining" through Data Analytics Club for the students studying in II, III and IV years of study. The lists of interested students are informed to enroll themselves on or before 15.2:2019 for the programme to the Programme Coordinator as per the following schedule.

S.No.	Name of the Program	Programme Coordinator	Duration	Venue
I	R Tool for statistical Analysis and Data Mining	Ms.B.Gunasundari	- 30	Megalab

***The schedule of the programme along with the list of interested students is attached for ready reference.

V.R.Koth

HEAD OF THE DEPARTMENT

Copy To:

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- 3. Laboratory In Charges
- 4. To be read in All classrooms
- 5. Department Notice Board



LIST OF STUDENTS INTERESTED & ENROLLED

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ACADEMIC YEAR : 2018-19

FACULTY COORDINATOR : Ms. M. D. Boomija

COURSE NAME: Cloud Technologies

S.NO	NAME	DEPT	YEAR	SIGNATURE
1.	Almas Banu .M.T	15	TV	Ali
	AMBIKA R	11	TV	Ambika
	Divya Rani G	IT	TV	R
	HARIHARAN . T	IT	TV.	Hazi
5.	SRIKANTH M	IT	TV.	&-
	JOSHUARAJ A.	CSE	T.	Soshua
	JoTHESH S.P.	tte	T	æ
	Yendlusi Venkata Poojitha	CBE	n	Perijette
9.	Munukuen Verhventh Red	e CSE	I	omunu
10.	G. BHAVYA	CSE	I	B
11.	G. DHANUSHA	CSE		Bhau
12.	Harish. V	OSE	Ĩ	Haer
13.	Jeentha P	CSE	TY	P. fue
14.	JIGITH . S	CSF		A

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ACADEMIC YEAR: 2018-2019

Course Name: Cloud Technologies

FACULTY INCHARGE: Ms. M. D. Boomija

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S.NO	NAME	YEAR	DEPT	FN	AN	FN	AN	FN	AN	FN	AN
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37 T.L.GAYATHEI	IV	CSE	Com bin Our land by the the



LIST OF STUDENTS INTERESTED & ENROLLED

ACADEMIC YEAR : 2018-19

FACULTY COORDINATOR : Ms.B.Gunasundari

COURSE NAME: R Tool for statistical Analysis and Data Mining

S.NO	NAME	DEPT	YEAR	SIGNATURE
١.	Monisha.k	21		Mi
2,	Pranathi. M.J	21	١v	24
3.	Saeigha. P. M	21	1~	Q
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6.	Jeevitha p	CSB	Ð	It
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8.	Joshua Raj: A	CSE	P	Fell
9.	Jothesh s.p	GE	P	FL-
16.	Jotfi lakshim. 3	CSE	R	H
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13.	Munuhuan Keshwanth Reddy	LSE	in	ett
14.	Ragavi	CSE	15	dp
ts.	changdralekha	SE		

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16	Bharan Sace	CSE	R	B
17.	Vaenalalestimi	CSE	11	¥t
18.	koushnababa	CSE	In .	100
19.	Mahalakshini	CSB	În	K
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21.	Nagendrababu	CSE	IP	NOF
22.	Kalyan	CSE	B	1
23.	Tejaguni	CSE		F
24.	Suganthi.	CSE	P	Q-1
25	Pavilhra	LSE	m	RV
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28.	Shamuqa Riya . F	CSE	D	-67
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ACADEMIC YEAR: 2018-2019

Course Name: R Tool for statistical Analysis and Data Mining

FACULTY INCHARGE: Ms. B. Gunasundari

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S.NO	NAME	YEAR	DEPT	FN	AN	FN	AN	FN	AN	FN	AN
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5	JOTHI LAKSHMI S	п	CSE	H	It	LA	ht	-1-4	- H	E-L-P	1.6
6	KAAVIYASHREE S	п	CSE	Sel-	VS	80	Ves-	the	KS	KSI	sh
7	YENDLURI VENKATA POOJITHA	п	CSE	yok	X4	XAS	XIP	Xm	Xer	XA	Ent
8	MUNUKURU YESHWANTH REDDY	п	CSE	M	in	-M-	m	M	M	P.V.	- D
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27	SMRUTHI .E	IV	CSE	KI	St	8 I	CJ	SI	SI	SI	SL
28	K.DIVAKAR	IV	CSE	P	Par	Do	Ro	D	On	Da	Pe
29	GOVERTHAN .D	IV	CSE	loor	God	1009	1001	boel	1904	God	Conert
30	MONISHA .K	IV	IT	Mi	M	Mit	M.	Mit	hi	M	L
31	PRANATHI M.J	IV	IT	Rt	R	RI	P-1	RA	RJ	Rt	RI
32	SARISHA .P.M	IV	IT	8	P	SE	R	el	SL	8	181
33	SOWMIYA .R	IV	п	Sa	So	Sea	Se	So	Sam	So	So
34	VIJAY .E	IV	IT	2AI	12	-01	10 -	2112	tail	-11.24	TING