K.S.R. COLLEGE OF ENGINEERING

(Autonomous)

Affiliated to Anna University Chennai & Approved by AICTE

Accredited by NAAC with A Grade and Eligible courses accredited by NBA

K.S.R Kalvi Nagar, Tiruchengode – 637 215,Namakkal Dt. Tamilnadu

Academic Year : 2018-2019

Department of Information Technology

Organizes

IT & ITES TRAINING "TAMILNADU SKILL DEVELOPMENT CORPORATION" & ICT ACADEMY

FEBRUARY 2019

K.S.R. COLLEGE OF ENGINEERING TIRUCHENGODE 637 215

PRINCIPAL
K.S.R. COLLEGE OF ENGINEERING
K.S.R. KALVI NAGAR,
TIRUCHENGODE-637 215

6.2.2019 to 15.3.2019
EDC
50 students

IT & ITES Training Program

Sponsored by

"Tamil Nadu Skill Development Corporation"

"Certificate Course in Data Science & Big Data Analytics with Soft Skills"

TRAINER HANDBOOK

College Name: K.S.R. COLLEGE OF ENGINEERING

Location : TIRUCHENGODE

Implemented by

Innovate... Collaborate... Educate...

ICT Academy of Tamil Nadu

ELCOT Complex, 2-7 Developed Plots, Industrial Estate,
Perungudi, Chennai - 600 096

K.S.R. COLLEGE OF ENGINEERING TIRUCHENGODE 637 215

ICTA/OPS/R/TH/00

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K.S.R. COLLEGE OF ENGINEERING
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TIRUCHENGODE-637 215

K.S.R. COLLEGE OF ENGINEERING

(An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai,
Accreditated by NAAC with 'A' Grade and ISO 9001:2008 Certified Institution)

R. SRINIVASAN BBM., MISTE., Chairman

Dr. P. SENTHIL KUMAR M.E., Ph.D.,(IITM) Principal

KSR Kalvi Nagar, Tiruchengode-637 215, Namakkal Dist., Tamil Nadu.
Ph : 04288-274213, 274741 Fax : 04288-274757 Email : info@ksrce.ac.in

College Feedback

From

Date: **15.03.2019**
Place: **Tiruchengode**

The Principal,
K.S.R College of Engineering,
Kalvi Nagar,
Tiruchengode - 637 215

To

The ICT Academy of Tamilnadu,
Chennai - 600 096.

Respected Sir,

I appreciate the ICT Academy of Tamilnadu TNSDC for conducting **Employability Skills Training in "Advanced IT/ITES (Data Science and Big Data Analytics with Soft Skills)"** for the final year **CSE, EEE, IT & ECE** Students for our Institution from **06.01.2019 to 15.03.2019.** I am very much satisfied about this training. Our Students had benefitted a lot along with their placement. On behalf of our management, I thank ICT Academy of Tamilnadu for this great effort.

Thanking You

College Seal

Principal Signature with Seal

Dr. P. Senthil Kumar, M.E., Ph.D.,(IITM),
PRINCIPAL,
K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

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K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215

(Autonomous)

Department of Information Technology

Report of Guest Lecture on Entrepreneurship Skill Development training Program

1	**Name of the Event (Seminar/Workshop/Conference/FDP/ Any other)**	Guest Lecture (Entrepreneurship Skill Development training Program)
2	**Name of the Organizer**	Department of Information Technology
3	**Date of Event**	06.02.2019 – 15.03.2019
4	**Venue of the Event**	D,Block IT Lab
5	**Title of the Event**	Entrepreneurship Skill Development training Program
6	**Name of the Coordinators**	Dr.G.Singaravel, Professor and Head of the Department
7	**Total Participants**	50
8	**Resources Person with contact details**	Ranbo P Algaupandia S Balachandar M Bhaaugavee K A
9	**Outcome of the Event**	It helps to improve entrepreneurial skills and knowledge in Big Data among individuals with the help of providing well-organized training and developing supporting institutions.

CO-ORDINATOR

K.S.R. COLLEGE OF ENGINEERING TIRUCHENGODE 637 215

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ICT Academy of Tamil Nadu – Employability Skill Training

TAMILNADU SKILL DEVELOPMENT CORPORATION

Advanced Training in IT Infrastructure and Services Training Program

(FOR THE GRADUATING STUDENTS)

HOST COLLEGE INFORMATION SHEET – FORM T1

COURSE NAME OPTED FOR TRAINING : Data Science & Big Data Analysis

College Name	K.S.R. COLLEGE OF ENGINEERING
Address and Location	KSR KALVI NAGAR, TIRUCHENGODE
District	NAMAKKAL
Pin Code	637215
State	TAMIL NADU
Email Address of the College	placement@ksrce.ac.in
Phone Number	04288 - 274213
Principal / Institution Head Name	DR. P. SENTHIL KUMAR
Principal Mobile Number	9994595475
Principal Email Address	principal@ksrce.ac.in

Details of the Nominated Coordinator

Coordinator Name	Dr. Jagadeesan M P
Designation	ASSO PROF
Department	TRAINING
Mobile Number	9570210057
Email id	ksrelt+raining@gmail.com ksrelt+raining@gmail.com ✓

AVAILABILITY OF INFRASTRUCUTRE FOR CONDUCTING TRAINING

a) Availability of classroom to conduct Training for 200 Hrs (YES or No)	YES
b) Number of **Computers available** / allotted for this training Program	60

Declaration

We would support ICT Academy to mobilize candidates and would like to host the Advanced IT and Infrastructure Services Training at our institution. We will ensure progress and smooth conductance of the Training.

Date : 18/01/2019

Signature of Principal / Head of the Institution with seal :

Dr. P. Senthil Kumar, M.E., Ph.D., (IITM).
PRINCIPAL,
K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

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TAMILNADU SKILL DEVELOPMENT CORPORATION

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COURSE REGISTRATION FORM

(All fields are mandatory and use Capital Letters to fill the application form)

Course Name *(Capital Letter's Only)*: ADVANCED IT & ITES SERVICES

Applicant Name: KEERTHANA.B

Father Name: BALASUBRAMANI.P.K.

Mother Name: AMSAVENI.B.

Date of Birth *(DD MM YYYY)*: 05 06 1998 Gender ☐ Male ☑ Female Marital Status ☑ Single ☐ Married

Mobile No: 9750234500 E-mail ID: bkeerthu2015@gmail.com

Aadhar Card / Ration Card No: 433916790799 Physically Handicapped ☐ Yes ☑ No

Religion: HINDU Community ☑ BC ☐ MBC ☐ SC ☐ ST ☐ OTHERS

Address for Communication: 7, MAIN ROAD, PAMBAGOUNDAN PALAYAM, PASUR (PO)

City: ERODE District: ERODE

State: TAMIL NADU Pin Code: 638154

College Educational Details

Qualification	Name of the School / College / University	Stream	Month / Year of Passing	Percentage / CGPA
SSLC	VELLALAR HIGH SCHOOL FOR GIRLS	STATE BOARD	2013	98
HSC	VELLALAR MATRICULATION HIGHER SECONDARY SCHOOL FOR GIRLS	STATE BOARD	2015	92.5
Diploma				
UG	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	ECE	2019	92.5
PG				

Venue of Training

Institution Name *(Capital Letter's Only)*: K.S.RANGASAMY COLLEGE OF ENGINEERING

Address: K.S.R.KALVI NAGAR, TIRUCHENGODE

State: TAMILNADU District: NAMAKKAL

Training Start Date: 06 02 2019

Declaration from the participant

I declare that all the above details are true to the best of my knowledge. I intend to attend the scheduled training classes and would participate in all the events conducted as part of the Training Program in circumstances breaching this condition I would repay the training cost to ICTACT.

Date: 07.02.2019
Place: Tiruchengode

B.Keerthu
Signature of the Participant

For office use:

K.S.R. COLLEGE OF ENGINEERING TIRUCHENGODE 637 215

Program Coordinator

K.S.R. COLLEGE OF ENGINEERING 637 215

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Student Feedback Form

Course Title: Data Science and Big data Analytics with soft skills

Trainer Name: 1. Rambo.P / Balachandar.M 2. K. Bhargavee / Alagu pandi.S

Date: 15.03.2019 Venue: KSR College of Engineering

District: Namakkal Total Hours Attended: 180 Hours.

Please tick (√) the appropriate score against each question.

Questionnaire	Below Average	Average	Fair	Good	Very Good
1. The teaching structure of the module clear and consistent.					√
2. Completeness of the coverage of syllabus in accordance with learning objectives					√
3. Balance between Theory, activities and discussions.					√
4. Length and Pace of the Program.					√
5. Quality & Coverage of the course materials provided.					√
6. Extent to which this course helped you in understanding the subject with respect to industry requirements.					√
7. The trainer demonstrates skills with related examples and multiple evaluation methods.					√
8. The trainer was able to make clear presentation and provide instructions.					√
9. Effectiveness of the practical activities.					√
10. Audio - Visual arrangements & Lab facilities					√
11. The training facility and Environment was conducive for learning.					√
12. I appreciate ICTACT's effort in arranging this training.					√

What did you like the best about this training?

Soft skill, cloud computing and Data Science is the best session.

Please give suggestions for the improvement of the course.

Need some practical activities

Your Contact details:

Student ID: 3 Department & Year: ECE XIV - year

Student Name: Dharani. R

Email ID: dharanidharu000@gmail.com Contact Number: 3243931512

ICTACT/OPS/R/SFF/03

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Dr. P. SENTHIL KUMAR M.E., Ph.D.,(IITM) Principal

KSR Kalvi Nagar, Tiruchengode-637 215, Namakkal Dist., Tamil Nadu.
Ph : 04288-274213, 274741 Fax : 04288-274757 Email : info@ksrce.ac.in

"Tamil Nadu Skill Development Corporation- Employability Skill Training Program"

TRAINING COMPLETION CERTIFICATE

This is to certify that ICT Academy of Tamilnadu along with the support of TNSDC, Government of Tamil Nadu had initiated an Employability Skills Training in **Advanced IT/ITES** for the Student youth at our Institution. We hereby certify that this training was conducted at our Institution and was successfully completed.

The Certificate Course in **Data Science and Big Data Analytics with Soft Skills** was conducted for 180 Hours and the training period was from **06.02.2019** to **15.03.2019.**

No of Students trained: **50**

The course materials were issued to all the students attending the training.

The trainers were deputed full time by ICT Academy of Tamil Nadu to impart training for the **50 students** at our institution. The training was very effective and useful for the students.

Thanking you.

Date : **15.03.2019**

Place: **Tiruchengode**

Institution Seal

Signature of Principal with Seal

Dr. P. Senthil Kumar M.E.,Ph.D.,(IITM),
PRINCIPAL,
K. S. R. COLLEGE OF ENGINEERING,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

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TIRUCHENGODE-637 215

Guidelines for the Trainer

01. The Trainer is to adhere to the terms issued in the work order accepted.

02. The coordinator nominated by the college will be the Single Point of Contact (SPOC) for the Entire Training.

03. The Single Point of Contact from ICT Academy of Tamil Nadu will be

Name	A Aron Dinesh
Mobile	755 00 44 143

04. The trainer is to coordinate with the college coordinator and ICTACTproject coordinator on any requirement with regard to the project.

05. The Training period will be 180 Hrs. as per the modules given in the Trainer Handbook.

06. The Trainer will handle the modules of the training as per the details given in the work order issued.

07. The Training should be conducted as per the Schedule provided by the college.

08. This hand book should be filled every day with signatureduly affixed for every hour training handled by the trainer.

09. Students Attendance record must be maintained for all the working days.

10. Students should be assessed (offline/ online) after each module for which the question paper will be set by Trainer. The Trainer must conduct an assessment for every module as and when the module is completed. The marks should be entered in the handbook.

11. The Final online Assessment for the students will be conducted by ICT Academy of Tamil Nadu.

12. The Trainers handbook should be filled every day and kept available for verification by ICT Academy of Tamil Nadu, Project Coordinator and The Government officials at the time of inspection.

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13. The Training material will be provided by ICT Academy and the Trainer should not use own content / material for delivery.
14. Trainer should be regular in attendance.
15. Strictly no leaveshould be encouraged for the trainees during the Training session.
16. Completed Report hand book has to be submitted at the end of 180 hours. (On completion of the Training program)
17. Only on completion of the training the certificate will be issued to the trainees.
18. If for any valid reason, the designated trainer is discontinuing the delivery of the training it has to be communicated to ICT Academy of Tamil Nadu 3 days prior.
19. The Trainer should send the training schedule everyday as per the format given.
20. The students Attendance and no of Hrs. completed should be informed on daily basis without fail via SMS or By Whats App to 755 00 44 143

Format:

1. Date :
2. Attendance
Total Male :
Total Female:
Total No of Trainees Present :
3.Total No of Hours Taken :

21. The trainer is to maintain the Dress Code:
    - Men(Formal Shirt& Pant)
    - Women (Saree or Chudi)

Note: For any other Clarification contact ICTAcademy of Tamil Nadu Coordinator.

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ICT Academy Officials Contact Details

1. ICT ACADEMY Field Coordinator

Name : Prabhu V

Mobile No. : 9384800671

Mail ID : prabhu@ictacademy.in

2. ICT ACADEMY Project In-charge

Name : A Aron Dinesh

Mobile No. : 7550044143

Mail ID : arondinesh@ictacademy.in

3. ICT ACADEMY Project Manager

Name : K.A. Vijayan

Mobile No. : 9176863339

Mail ID : vijayan@ictacademy.in

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Soft Skills

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Handbook for Trainers

Faculty Name : RANI Bo. P

Date of Joining : 06-2-19

Training Venue : KSR college of Engineering

Contact Number : 9952787424

Mail ID : fedrasrambo@hotmail.com

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60 Hours - Soft Skills

Session Duration	Chapter	Sub Topics	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
1 hour	SWOT Analysis	SWOT Assessment	Theory/PPT	06.02.2019.		
1 hour		Mapping SWOT	Theory/PPT	06.02.2019.		
2 hour	Communication Skills	Introduction & Communication Process	Theory/PPT	06.02.2019.		
2 hour		Types of Communication	Discussion/PPT	06.02.2019		
2 hour		Barriers to Effective Communication	Discussion/PPT	06.02.2019		
4 hour		Tips to develop Communication Skills	Activity/Discussion	07.02.2019.		
1 hour	Presentation Skills	Introduction & Types of Presentation	Theory/PPT	07.02.2019		
1 hour		Have a Structure	Theory/PPT	07.02.2019		
1 hour		Tips for Presentation Skills	Activity/Discussion	07.02.2019.		
1 hour	Creative Thinking Skills	Introduction & What is Creative Thinking	Theory/PPT	07.02.2019.		
1 hour		Creative Methods	Discussion/PPT	08.02.2019.		
2 hour		Blocks of Creativity	Discussion/PPT	08.02.2019.		
4 hour		Tips for Developing Creativity	Activity/Discussion	08.02.2019.		
1 hour	Goal & Time	Goal Setting	Theory/PPT	08.02.2019		
1 hour		Types of Goal	discussion/PPT	11.02.2019.		
1 hour		Time Management & Time Quadrant	Theory/PPT	11.02.2019.		
3 hour		Tips for Time Management	Activity/Discussion	11.02.2019		
1 hour	Leadership	Introduction	Theory/PPT	11.02.2019.		
1 hour		Types of Leadership	Discussion/PPT	11.02.2019.		
1 hour		Tips for Leadership	Theory/PPT	11.02.2019.		
1 hour	Resume Writing	Introduction & Purpose of Resume	Theory/PPT	12.02.2019		
1 hour		Resume's Order & Tailoring a Resume	Theory/PPT	12.02.2019.		
1 hour		Resume Should & Should not Include	Discussion/PPT	12.02.2019.		
1 hour		Reviewing your Resume	Discussion/PPT	12.02.2019		
2 hour	Group Discussion	Group Discussion & Other Forms of Discussion	Discussion/PPT	12.02.2019.		
4 hour		Importance & Evaluation of GD	Discussion/PPT	12.02.2019/13.02.19		
2 hour		Types of GD Topics	Discussion/PPT	13.02.2019.		

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Session Duration	Chapter	Sub Topics	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
1 hour		Tips for GD, Dynamics & Features of GD	Activity/Discussion	13.02.2019		
2 hour	Personal Interview	Introduction & Types of Interview	Discussion/PPT	14.02.2019		
2 hour		Skills Required	Discussion/PPT	14.02.2019		
4 hour		Tips for Personal Interview	Discussion/PPT	14.02.2019		
4 hour		Sample Job Interivew Questions	Activity/Discussion	15.02.2019		

Signature of the Trainer
ICTACT

Signature of the College Co-Ordinator
Institution with Seal

Signature of the Project Co-Ordinator
ICTACT

K.S.R. COLLEGE OF ENGINEERING
637 215
TIRUCHENGODE

15/2/19

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Data Science and Big Data Analytics

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TIRUCHENGODE-637 215

Handbook for Trainers

Faculty Name : ALAGUPANDI S

Date of Joining : 11.03.2019

Training Venue : K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE.

Contact Number : 9843439292

Mail ID : alagupandi.s@gmail.com

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40 Hours - Data Science and Big Data Analytics

Session Duration	Unit No	Sub Topics	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
Hour 1	Module 1: Introduction to Big Data Analytics	Lesson 1: Big Data Overview	Theory	11.03.2019		
Hour 1		Lesson 2: State of the Practice in Analytics	Theory	11.03.2019		
Hour 1		Lesson 3: The Data Scientist	Theory	11.03.2019		
Hour 1		Lesson 4: Big Data Analytics in Industry Verticals	Theory	11.03.2019		
Hour 1	Module 2: Data Analytics Lifecycle	Need For a Process to Guide Data Science Projects and Roles for a Successful Analytics Project	Theory	11.03.2019		
Hour 1		Data Analytics Lifecycle	Theory	11.03.2019		
Hour 1		Data Analytics Lifecycle (Cont..)	Theory	11.03.2019		
Hour 1		Data Analytics Lifecycle (Cont..)	Theory	11.03.2019		
Hour 1		Case Study to apply the data analytics lifecycle.	Theory	12.03.2019		
Hour 1		Lab Exercise 1: Introduction to Data Environment	Demonstration	12.03.2019		
Hour 1		Lab Exercise 1: Introduction to Data Environment	Demonstration	12.03.2019		
Hour 1	Module 3: Review of Basic Data Analytic Methods Using R	Using R to Look at Data – Introduction to R	Theory	12.03.2019		
Hour 1		Analyzing and Exploring the Data	Theory	12.03.2019		
Hour 1		Statistics for Model Building and Evaluation	Theory	12.03.2019		
Hour 1		Lab Exercise 2: Introduction to R	Demonstration	12.03.2019		
Hour 1		Lab Exercise 3: Basic Statistics, Visualization and Hypothesis Tests – Part 1 - Workflow	Demonstration	12.03.2019		
Hour 1		Lab Exercise 3: Basic Statistics, Visualization and Hypothesis Tests – Part 1 - Workflow	Demonstration	12.03.2019		
Hour 1		Lab Exercise 3: Working with R Language and Using SQL Server to Connect with R	Demonstration	13.03.2019		
Hour 1	Module 4: Advanced Analytics - Theory and Methods	K-means Clustering	Theory	13.03.2019		
Hour 1		Association Rules	Theory	13.03.2019		
Hour 1		Linear Regression	Theory	13.03.2019		
Hour 1		Logistic Regression	Theory	13.03.2019		
Hour 1		Naïve Bayesian Classifier	Theory	13.03.2019		
Hour 1		Decision Trees	Theory	13.03.2019		
Hour 1		Time Series Analysis	Theory	14.03.2019		
Hour 1		Text Analysis	Theory	14.03.2019		

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Session Duration	Chapter	Sub Topics	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
Hour 1	Module 4: Advanced Analytics - Theory and Methods	Lab Exercise 5 - Association Rules	Demonstration	14.03.2019		
Hour 1		Lab Exercise 6 - Linear Regression	Demonstration	14.03.2019		
Hour 1		Lab Exercise 7: Logistic Regression	Demonstration	14.03.2019		
Hour 1		Lab Exercise 8: Naïve Bayesian Classifier	Demonstration	14.03.2019		
Hour 1		Lab Exercise 9: Decision Trees	Demonstration	14.03.2019		
Hour 1		Lab Exercise 10: Time Series Analysis	Demonstration	15.03.2019		
Hour 1	Module 5: Advanced Analytics - Technology and Tools: Hadoop and HDFS	Analytics for Unstructured Data - MapReduce and Hadoop	Theory	15.03.2019		
Hour 1		The Hadoop Ecosystem	Theory	15.03.2019		
Hour 1		In-database Analytics SQL essentials	Theory	15.03.2019		
Hour 1		Advanced SQL and MADlib	Theory	15.03.2019		
Hour 1		Lab Exercise 11: Hadoop and HDFS	Demonstration	15.03.2019		
Hour 1		Lab Exercise 11: Hadoop and HDFS (cont..)	Demonstration	15.03.2019		
Hour 1		Lab Exercise 12 - In-database Analytics	Demonstration	15.03.2019		

Signature of the Trainer
ICTACT

Signature of the College Co-Ordinator
Institution with Seal

Signature of the Project Co-Ordinator
ICTACT

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Cloud Infrastructure and Services

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TIRUCHENGODE-637 215

Handbook for Trainers

Faculty Name : M. BALACHANDAR

Date of Joining : 25.02.2019

Training Venue : K.S.R COLLEGE OF ENGINEERING

Contact Number : 7418761319

Mail ID : balachandar@resprolabs.in

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40 Hours - Cloud Infrastructure and Services

Session Duration	Chapter	Sub Topic	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
1 hour		Definition of cloud computing	Theory	25.2.19	M.Ban	V.f
1 hour	Module 1: Introduction to Cloud Computing	Essential characteristics of cloud computing, Cloud computing benefits	Theory	25.2.19	M.Ban	V.f
1 hour		Infrastructure as a Service, Platform as a Service, Software as a Service,, Public cloud, Private cloud, Community cloud, Hybrid cloud	Theory	25.2.19	M.Ban	V.f
2 hour	Module 2: Building the Cloud Infrastructure	Describe the layers of cloud computing reference model	Theory	25.2.19	M.Ban	V.f
2 hour		Describe the entities and functions of each layer	Theory	25.2.19	M.Ban	V.f
1 hour		Describe the cross-layer functions of cloud computing reference model	Theory	25.2.19	M.Ban	V.f
1 hour		Describe factors to consider while building cloud infrastructure	Theory	25.2.19	M.Ban	V.f
1 hour	Module 3: Physical Layer	Software deployed on compute system	Theory	26.2.19	M.Ban	V.f
1 hour		Key components of a compute system	Theory	26.2.19	M.Ban	V.f
1 hour		Types of compute system, Types of storage devices,	Theory	26.2.19	M.Ban	V.f
1 hour		Redundant Array of Independent Disks (RAID)	Theory	26.2.19	M.Ban	V.f
1 hour		Storage system architectures. Types of network communication, Compute-to-compute communication, Compute-to-storage communication	Theory	26.2.19	M.Ban	V.f
1 hour		Storage area network (SAN) classification, Inter-cloud communication	Theory + Demonstration	26.2.19	M.Ban	V.f
1 hour	Module 4: Virtual Layer	Virtual layer, Virtualization software,	Theory + Demonstration	26.2.19	M.Ban	V.f
1 hour		Resource pool, Virtual resources, Virtual volume,	Theory	26.2.19	M.Ban	V.f
1 hour		Creating virtual volume from RAID set, Creating virtual volume from storage pool.	Theory	27.2.19	M.Ban	V.f
1 hour		Virtual network, Types of virtual network	Theory	27.2.19	M.Ban	V.f
1 hour		VLAN and VSAN	Theory	27.2.19	M.Ban	V.f
1 hour		Mapping between VLANs and VSANs in an FCoE SAN.	Theory	27.2.19	M.Ban	V.f

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Session Duration	Module	Sub Topics	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
1 hour	Module 5 Control Layer	Describe control layer and its key functions, Explain control software	Theory	27.2.19	M.B	V.L
1 hour	Module 5: Control Layer	Explain software- defined approach for managing IT resources, Describe key resource management techniques, Introduction to software-defined approach, Key function of software-defined controller, Benefits of software-defined approach	Theory	27.2.19	M.B	V.L
2 hour		Virtual storage provisioning, Automated storage tiering, Dynamic VM load balancing across storage volumes, Balancing client workload across nodes	Theory + Demonstration	27.2.19	M.B	V.L
1 hour		Network storm control, Quality of Service,	Theory	28.2.19	M.B	V.L
2 hour		Traffic shaping, Link aggregation, NIC teaming, Multipathing	Theory	28.2.19	M.B	V.L
1 hour		Service layer functions, Service catalog and its elements, Service ordering, Cloud interfaces, Cloud portal functions, Personalization of cloud portal	Theory	28.2.19	M.B	V.L
1 hour	Module 6: Service and Orchestration Layers	Interface standards for portability, Interface standards for interoperability, Common protocols for service access, Definition of service orchestration, Application programming interface	Theory	28.2.19	M.B	V.L
1 hour		Common protocols for service access, Definition of service orchestration, Application programming interface	Theory	28.2.19	M.B	V.L
1 hour		Orchestration use cases, Overview of cloud service lifecycle,	Theory	28.2.19	M.B	V.L
1 hour		Service planning phase of cloud service lifecycle, Service termination phase of cloud service lifecycle.	Theory	28.2.19	M.B	V.L
1 hour	Module 7: Business	Describe business continuity and cloud service availability, Describe fault tolerant mechanisms for cloud infrastructure	Theory	1.3.19	M.B	V.L

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Session Duration	Chapter	Sub Topics	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
1 hour	Continuity	Describe data protection solutions, Building Fault Tolerant Cloud Infrastructure - I,II	Theory	1.3.19	M.B.	[signature]
1 hour	Module 7: Business Continuity	Data Protection Solution - Backup, Data Protection Solution - Replication, Application Resiliency for Cloud.	Theory	1.3.19	M.B.	[signature]
1 hour	Module 8: Security	Describe key security terminologies, Describe key security threats in the cloud, Describe key security mechanism deployed in the cloud.	Theory	1.3.19	M.B.	[signature]
1 hour		Describe the role of GRC in the cloud, Cloud Security Threats	Theory	1.3.19	M.B.	[signature]
1 hour		Security Mechanisms - I,II,III, Governance, Risk, and Compliance (GRC).	Theory	1.3.19	M.B.	[signature]
1 hour	Module 9: Service Management	Service Operation Management - IV (Incident management, Problem management, Availability management, Information security management)	Theory	1.3.19	M.B.	[signature]

M.B.

Signature of the Trainer
ICTACT

Signature of the College Co-Ordinator
Institution with Seal

Signature of the Project Co-Ordinator
ICTACT

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Salesforce

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Handbook for Trainers

Faculty Name : Bhaargavee. K. A.

Date of Joining : 18. 09. 2019.

Training Venue : K.S.R. College of Engineering.

Contact Number : 9789271216

Mail ID : bhaarrgavee@ictacademy.in

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40 Hours - Salesforce						
Session Duration	Chapter	Sub Topics	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
1 hour	1.Introduction to Salesforce 2. Trailhead Playground Management 3. Project-Build a Suggestion Box App 4. Data Modeling	What's Salesforce?, Why salesforce?, History, What is Salesforce Trailhead?, how to work in Trailground or playground?, Salesforce Trails, Modules, Projects and Superbadges	Theory	18.02.2019		
2 hour		Get Your Trailhead Playground Username and Password, Install Apps and Packages in Your Trailhead Playground, Create a Trailhead Playground	Practical	18.02.2019.		
2 hour		Create a Suggestion Box App, Add Custom Fields, Modify the User Experience, Add Business Logic, Create Reports and Dashboards	Practical	18.02.2019.		
2 hour		Understand Custom & Standard Objects, Create Object Relationships, Work with Schema Builder	Practical	18.02.2019.		
2 hour	1. Data Management 2. Import and Export data with Data Management Tools 3. Introduction to Business Administration Spcialist 4. Reports and Dashboards for Lightning Experience	Import data, Export data	Theory	18.2.19 / 19.02.19		
2 hour		Use the Data Import Wizard, Use Data Loader to Export Data, Use Data Loader to Update Data	Practical	19.02.2019.		
1 hour		What is BSX? Why BSX? Objective, and What you can learn from this superbadge?, Outcome	Theory	19.02.2019.		
2 hour		Introduction to Reports and Dashboards in Lightning Experience, Create Reports with the Report Builder, Format Reports	Practical	19.02.2019.		
2 hour		Visualize Your Data with the Lightning Dashboard Builder, Extend Your Reporting Strategy with AppExchange	Practical	19.02.2019.		
2 hour	1.Data Security 2. Customize an Org to New Business Unit	Overview of Data Security, Control Access to Fields, Control Access to Records	Practical	20.02.2019.		
2 hour		Control Access to Objects, Create a Role Hierarchy	Practical	20.2.2019.		
2 hour		Manage User Access, Manage Chatter, Modify Your Data Model	Practical	20.2.2019.		
2 hour		Configure an Email Letterhead and Template, Automate Your Business Process	Practical	20.02.2019		
2 hour		Create Report and Dashboard Folders, Create a Simple Custom Report, Filter Your Reports, Group and Categorize Your Data	Practical	21.2.2019		

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Duration	Chapter	Sub Topics	Methodology	Date	Trainer Signature	Signature of ICT Academy Coordinator
2 hour	Project Create Reports and Dashboards for Sales and Marketing Managers	Use Summary Formulas in Your Reports, Manage Reported Data, Visualize Your Data	Practical	21.02.2019.		
2 hour		Concepts Tested in This Superbadge	Theory	21.02.2019		
1 hour		Review all the pre-req modules and Challenges done so far	Theory	21.02.2019.		
3 hour	Superbadge Challenges	Fix and Import data, Create users and manage permissions	Practical	21.2.19 | 22.2.19		
3 hour		Create reports and dashboards, Configure reusable emails	Practical	22.02.2019		
3 hour		Build a buisiness process, Build a space for collaboration, Review all the challenges	Practical	22.02.2019		

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Signature of the Project Co-Ordinator
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Attendance Sheet

Name of the College : K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE

Note: Mark P for Present and A for Absent

Start Date 06.02.2019 End Date 15.03.2019

S. No	Name of the Student	06/02	07/02	11/02/19	12/02/19	13/02/19	14/02/19	15/02/19	16/02/19	18/2/19	19/2/19
1	[illegible] VI. R.	P	P	P	P	P	P	P	P	P	P
2	DEVI . U	P	P	P	P	P	P	P	P	P	P
3	DHARANI . R	P	P	P	P	P	P	P	P	P	P
4	DHIVYA . M	P	P	P	P	P	P	P	P	P	P
5	KARTHIKA . D	P	P	P	P	P	P	P	P	P	P
6	KEERTHANA . I	P	P	P	P	P	P	P	P	P	P
7	PRAVEEN KUMAR . V	P	P	P	P	P	P	P	P	P	P
8	ELANGO . P	P	P	P	P	P	P	P	P	P	P
9	GUGAPRIYA . S	P	P	P	P	P	P	P	P	P	A
10	JEEVAN RAJ . R	P	P	P	P	P	P	P	P	P	P
11	KAMATCHI . S	P	P	P	P	P	P	P	P	P	P
12	KAVIBHARATI R	P	P	P	P	P	P	A	A	P	P
13	SANTHOSHKUMAR . R M	P	P	P	P	P	P	P	P	P	P
14	PRAKASHRAJ . S	P	P	P	P	P	P	P	P	P	P
15	KAVIYA G	A	A	P	P	P	P	P	P	P	P
16	KOUSALYA . L	A	A	P	P	P	P	P	P	P	P
17	LAVANYA . A	A	A	P	P	P	P	P	P	P	P
18	MURUGAN . T	P	P	P	P	P	P	P	P	P	P
19	MUTHU RATHINAM KN	P	P	P	P	P	P	A	P	P	P
20	SELDKKANNU . S	P	P	P	P	P	P	A	P	P	P
21	GOKULRAJ . V	A	A	P	A	A	A	A	A	A	A
22	MURALIDHARAN . R	A	A	P	P	P	P	A	P	P	P
23	NARMADHA . R	P	P	P	P	P	P	A	P	P	P
24	PAVITHRA P	P	P	P	P	P	P	P	P	P	P

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		06/02	07/02	08/02	11/02	12/02	13/02	14/02	15/02	18/2/19	19/2/19
26	VIGNESH KUMAR.P	P	P	P	P	P	P	P	P	P	A
27	BHARANIDHARAN.K	P	P	P	P	P	P	P	P	P	P
28	DEEPIKA.V	P	P	P	P	P	P	P	P	P	P
29	KARTHIKEYAN.N	P	P	P	P	P	P	P	P	P	P
30	MOHANRAJ.M	P	P	P	P	P	P	P	P	P	P
31	REKA.P	P	P	P	P	P	P	P	P	P	P
32	SRINIVASEERMANAN.A	A	A	A	A	A	A	A	A	A	A
33	HEMALATHA.N	A	A	A	P	P	P	P	P	P	P
34	SANGEETHAN.V	A	A	P	P	P	P	P	P	P	P
35	VELMURUGAN.M	A	A	A	A	P	P	P	P	P	P
36	ARCHANA K.S	P	P	P	P	P	P	P	P	P	P
37	JANARTHANAN.R	P	P	P	P	P	P	P	P	P	P
38	LINGESHWARI.C	P	P	P	P	P	P	P	P	P	P
39	NIHAL N.P	P	P	P	P	P	P	P	P	P	P
40	SHRI VIDHYA.S	P	P	P	P	P	P	P	P	P	P
41	VISHWANATHAN.M	A	A	A	A	P	P	P	A	P	P
42	ARTHI.S	P	P	P	P	P	P	P	A	P	P
43	ELAKKIYA.S	P	P	P	P	P	P	P	P	P	P
44	GAYATHRI.S	P	P	P	P	P	P	P	P	P	P
45	KEERTHANA.B	P	P	P	P	P	P	P	P	P	P
45	SATHISH K.	P	P	P	P	P	P	P	P	P	P
47	DHIVYA DHARSHINI.K	A	A	A	P	P	P	P	P	P	P
48	CACKILA.S	A	A	A	P	P	P	P	P	P	P
49	ARAVINDAN P	A	A	A	P	P	P	P	P	P	P
50	KARTHI.D	A	A	A	P	P	P	P	P	P	P
	MOHANAVEL.B	A	A	A	P	P	P	P	P	P	P
	No. of Hrs. taken today	08	08	08	08	08	08	08	04	08	08
	No. of Students Present	35	35	41	46	48	49	48	41	48	47
	Signature of the Trainer										

College Co-ordinators Sign.

College Seal

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Attendance Sheet

Name of the College : K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE

Note: Mark P for Present and A for Absent

S. No	Name of the Student	Start Date 06.02.2019 End Date 15.03.2019									
		20/2/19	21/2/19	25/2/19	26/2/19	27/2/19	1/3/19	4/3/19	5/3/19	12/3/19	13/3/19
1	VAISHNAVI. R										
2	DEVI. U										
3	DHARANI. R										
4	DHIVYA. M										
5	KARTHIKA. D										
6	KEERTHANA. L										A
7	PRAVEEN KUMAR. V										
8	ELANGO. P										
9	GUGAPRIYA. S										
10	JEEVAN RAJ. R										
11	KAMATCHI. S										
12	KAVIBHARATHI. R	A	A	A	A	A	A	A	A	A	A
13	SANTHOSH KUMAR. R.M.										
14	PRAKASHRAJ. S										
15	KAVIYA. G										
16	KOUSALYA. L										
17	LAVANYA. A										
18	MURUGAN. T										
19	MUTHU RATHINAM. K.N										
20	SELLAKANNU. S				A	A	A	A	A	A	A
21	GOKULRAJ. V										
22	MURALIDHARAN. R										
23	NARMADHA. R										
24	PAVITHRA. P.										A

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		20/02	21/02	22/02	25/2/19	26/02/19	27/2/19	28/2/19	1/3/19	11/3/19	12/3/19	12/3/19
25	VIGNESH KUMAR.P	P	P	P	P	P	P	P	P	P	P	P
26	BHARANIDHARAN.K											
27	DEEPIKA. V											
28	KARTHIKEYAN. N											
29	MOHANRAJ.M											
30	REKA.P											
31	SRINIVASARAMANAN.A											
32	HEMALATHA.M											
33	SANGILI KANNAN.V											
34	VELMURUGAN.M											
35	ARCHANA.K.S.									A	A	
36	JANARTHANAN.R										A	
37	LINGESHWARI.C										A	
38	NIHAL.M.A.	A	A	A	A	A	A	A	A	A	A	
39	SHRI VIDHYA.S									A	A	
40	VISHWANATHAN.M									A	A	
41	AARTHI.S											
42	ELAKKIYA.S										A	
43	GAYATHRI.S											
44	KEERTHANA.B											
45	SATHISH.K											
46	DHIVYA DHARSHINI.K											
47	GOKILA.S.											
48	ARAVINDAN.P											
49	KARTHI.D											
50	MOHANAVEL.B.											
No. of Hrs. taken today		08	08	08	09	08	08	08	07	8	8	
No. of Students Present		48	48	48	47	47	47	47	47	44	35	
Signature of the Trainer												

College Co-ordinator Sign'.

College Seal

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Attendance Sheet

Name of the College : K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE

Note: Mark P for Present and A for Absent

S. No	Name of the Student	Start Date 06.03.2019. End Date 15.03.2019.									
		13/3/19	14/3/19	15/3/19	18/3/19						
1	VAISHNAVI.R										
2	DEVI.U	A	U.S.		U.S.						
3	DHARANI.R										
4	DHIVYA.M	A									
5	KARTHIKA.D										
6	KEERTHANA.L										
7	PRAVEEN KUMAR.V										
8	SLANGO.P										
9	GUGAPRIYA.S	A									
10	JEEVANRAJ.R										
11	KAMATCHI.S										
12	KAVIBHARATHI.R	A	A	A	A						
13	SANTHOSHKUMAR.R.M										
14	PRAKASHRAJ.S										
15	KAVIYA.G										
16	KOUSALYA.L										
17	LAVANYA.A										
18	MURUGAN.T										
19	MUTHU RATHINAM.K.N										
20	SELLAKANNU.S	A	A	A							
21	GOKULRAJ.V	A									
22	MURALIDHARAN.R										
23	NARMADHA.R										
24	PAVITHRA.P	A	A	A							

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		13/3/19	14/3/19	15/3/19	18/03/19
25	VIGNESH KUMAR.P				
26	BHARANI DHARAN.K				
27	DEEPIKA.V				
28	KARTHIKEYAN.N				
29	MOHANRAJ.M				
30	REKA.P				
31	SRINIVASARAMANAN.A				
32	HEMALATHA.M				
33	SANGILIKANNAN.V				
34	VELMURUGAN.M				
35	ARCHANA.K.S	A	A	A	
36	JANARTHANAN.R	A	A	A	
37	LINGESHWARI.C	A	A	A	
38	NIHAL.M.A	A	A	A	
39	SHRI VIDHYA.S	A	A	A	
40	VISHWANATHAN.M	A	A	A	
41	AARTHI.S				
42	ELAKKIYA.S	A	A	A	
43	GAYATHRI.S				
44	KEERTHANA.B				
45	SATHISH.K				
46	DHIVYA DHARSHINI.K				
47	GOKILA.S				
48	ARAVINDHAN.P				
49	KARTHI.D				
50	MOHANAVEL.B.				
No. of Hrs. taken today		08	08	08	00
No. of Students Present			40	40	
Signature of the Trainer					

College Co-ordinator Signature

College Coordinator

K.S.R. COLLEGE OF ENGINEERING 637 215

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