

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 15

(A Govt. Aided ISO 9001 – 2008 Certified, Autonomous Institution Affiliated to Anna University)

WORKSHOP REPORT

1	Workshop Title	TEQIP - II Sponsored One-Week Short Term Hands-On Training Programme on " Cloud Computing Technologies"
2	No. of External Participants	25 Faculties & 6 Research Scholars / Students
3	No. of Internal Participants	19 Nos (19 Faculties)
4	Co-ordinators	Ms. K. Indira, Assistant Professor, IT Dept, TCE. Mr. M. Thangavel, Assistant Professor, IT Dept., TCE.
5.	Name & Organization of the Resource Person	Mr. E. Mahendran & Team, CDAC. Dr. M. Mahendran, Physics, TCE, Dr. S. Jeyabharathi, Maths, TCE, Dr. P. Chitra, CSE, TCE, Dr. M.K. Kavitha Devi, CSE, TCE, Ms. R. Leenasri, IT, TCE, Ms. M. Nirmala Devi, IT, TCE, Ms. C.V. Nisha Angeline, IT, TCE, Mr. M. Thangavel, Assistant Professor, IT Dept., TCE. Ms. K. Indira, Assistant Professor, IT Dept, TCE.
6.	Date and Duration of the Programme	November 29 - 4 December, 2016 & 6 - Days Programme (9.30 AM to 5.30 PM).
7.	Objective of the Workshop	Cloud Computing Technologies Short Term Hands-On Training Programme will make participants adept at various cloud computing architectures. Live hands-on will help participants keep up with Cloud technologies, tools and methodologies required to understand and work on cloud computing principles used in the IT industry. The objective of this workshop is to give a practical exposure in the domain of Cloud to the research community.
8.	Contents covered in Day 1	FN: Introduction to Cloud Computing M. Thangavel, TCE Cloud Sim R. Leenasri, TCE

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		AN: Virtualization – VmWare & Oracle Virtual Box : Configuration, VM Creation M. Thangavel, TCE Internet of Things C.V. Nisha Angeline, TCE
9.	Contents covered in Day 2	FN: Intel Single Chip Cloud Computer Dr. P. Chitra TCE OpenMP K. Indira, TCE AN: Wherever you step-in your research follows Dr. M. Mahendran, TCE Who is the Owner: Copyright & Plagiarism Dr. M. Mahendran, TCE
10.	Contents covered in Day 3	FN: Oracle Software in Silicon Cloud Dr. M. K. Kavitha Devi Data analysis by R-Statistical approach M. Nirmala Devi, TCE AN: Hadoop – Pseudo Node & Fully Distributed Installation & Configuration-Hands On M. Thangavel, TCE Hadoop – Map Reduce (Grep & Word Count) Hands On M. Thangavel, TCE
11.	Contents covered in Day 4	FN: Research Tool Box Dr.S.Jeyabharathi, TCE Mongo DB + Programming M. Thangavel, TCE

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		AN: Mongo DB + Programming M. Thangavel, TCE Eucalyptus - Hands-On M. Thangavel, TCE
12.	Contents covered in Day 5	FN: Hadoop Eco System Tools - PIG, HIVE & HBASE : Theory Mr. E. Mahendran & Team, CDAC Hadoop Eco System Tools – PIG Installation & Configuration Map Reduce Execution in PIG Mr. E. Mahendran & Team, CDAC AN: Hadoop Eco System Tools - HIVE Installation & Configuration Mr. E. Mahendran & Team, CDAC Hadoop Eco System Tools - HBase Installation & Configuration. Mr. E. Mahendran & Team, CDAC
13.	Contents covered in Day 6	FN: KVM Introduction, Installation & Configuration, VM Creation in KVM Mr. E. Mahendran & Team, CDAC Introduction to Openstack + Openstack Single Node, Installation & Configuration Mr. E. Mahendran & Team, CDAC FN: Working on Openstack + Openstack Demo & Discussions Mr. E. Mahendran & Team, CDAC
14.	Certifications	SoloLearn, Big Data University, Spoken Tutorial, & Microsoft Virtual Academy.

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15.	Budget	Rs. 83,325/- Requested. Rs. 69,374/- Utilized
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Forwarded to the Dean (TL &FD)

Signature of the Coordinator

Prof. & Head, Dept. of IT