

About the Institution

The R.M.K. Engineering College, started in the year 1995 is situated in a picturesque environment at Kavaraipettai, Gummidipoondi Taluk, Thiruvallur District, Tamilnadu. The College is run by Lakshmikanthammal Educational Trust. The objective of the Trust is to "Foster Technical and Higher Education, Training & Research in various branches of Engineering & Technology, while, the emphasis is to inculcate among the youth, a sense of discipline, and to mould them as professionals with integrity and character". The College has acquired recognition and public acknowledgement as one of the top ranking institutions in the State. College has been accredited by NAAC with A+ Ranking. Also Ranked 84th by MHRD in NIRF Ranking 2017 and Ranked 6th by MHRD in Swachhta Ranking 2017.

Chief Pataron

Shri. R. S. Munirathinam,	Chairman
Smt. Manjula Munirathinam,	Chairperson
Shri. R. Jothi Naidu,	Director
Shri. R. M. Kishore,	Vice-Chairman
Shri. Yalamanchi Pradeep,	Secretary
Dr. Durgadevi Pradeep,	Vice-Chairperson
Smt. Sowmya Kishore,	Trustee
Dr. M. S. Palanichamy,	Advisor
Dr. K. Chandrasekaran,	Dean
Dr. Elwin Chandra Monie,	Dean - Research
Dr. K. A. Mohamed Junaid,	Principal

Contact us

044 - 67906790 Ext(361), 044-67906761.
Email - Info@rmkec.ac.in
Mobile - 9443428360.

Registration

Enrollment will be strictly online, and no other mode of application will be entertained. The last date of Registration is 22 August 2019, 12.30 pm .
The URL for registration
<https://www.it.iitb.ac.in/nmeict/announcements.html>
registration

Prerequisite

Before the workshop, participants should register on <https://spoken-tutorial.org/>

The Username and Password should be noted. This is an extremely important step. One needs the above information to post questions on the forum, explained from 8 to 9minutes 45seconds of this video .
Note

- Neither IIT Bombay nor the Remote Centre will bear the travel expenses of the participating representatives. There shall also be no accommodation provided to the participants.
- All participants are required to bring earphones, as they will have to listen to video tutorials. Without earphones, the workshop will not at all be effective.
- Computers to practise Spoken Tutorials and to learn Linux will be available at the Remote Centres. But if they wish, participants can bring their own laptops

Teaching faculty

1. Prof. Kumar Appaiah
Department of Electrical Engineering,
Indian Institute of Technology Bombay
2. System Administrators, FOSSEE and Spoken Tutorial, IIT - Bombay,

One day Workshop on Linux



Organised by



IIT
Bombay

Hosted by



RMKEC

Linux Course Co-coordinator

Mr. A. Arthanareeswaran

Assistant Professor

Department of Computer Science & Engineering
RMK Engineering College

Remote Centre Coordinator

Dr. GEEETHA RAMADAS

Professor & Head

Electrical and Electronics Engineering



R.M.K. ENGINEERING COLLEGE

RSM Nagar, Kavaraipettai 601 206, Tamil Nadu

www.rmkec.ac.in

Tel: (044) 6790 6790



Introduction

IIT Bombay has conducted many large-scale teacher training workshops under the Train 10,000 Teachers (T10KT) programme, sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India, and trained over 2,00,000 teachers. Another successful technology developed at IIT Bombay is Spoken Tutorial, using which about 50 lakh students have been trained on various ICT topics. The effectiveness of this method can be seen from the testimonials available here - <https://spokentutorial.org/testimonials/media/?foss=70> and the TEDx talk. This project is funded by NMEICT, MHRD.

It is now proposed to offer the highly effective Spoken Tutorial based ICT training to a large number of teachers, across the country, through the T10KT methodology, with Linux training being taken up next.

Linux is one of the most popular Operating Systems used today. Linux refers to the family of Unix-like computer operating systems that use the Linux kernel. It can be installed on a wide variety of computer hardware, ranging from mobile-phones, tablet computers and video game consoles to mainframes and supercomputers.

The FOSSEE project at IIT Bombay (<https://fossee.in>) has been promoting Linux, and other FOSSEE (Free/Libre and open source software). FOSSEE is also funded by NMEICT, MHRD.

The Linux workshop is organised by the Teaching Learning Centre (TLC) at IIT Bombay, funded by the *Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PM-MNMTT)*, MHRD, Govt. of India.

Large-scale Workshop

As Spoken Tutorial method offers hands on practice, with 100% active learning, those who undergo this training will be able to start using Linux immediately after the workshop. They will also be able to conduct Linux workshops for their students, using Spoken Tutorials, without requiring any help from anyone else.

The one day Linux workshop will be conducted on Friday, 23 August 2019, through the select Remote Centres of IIT Bombay. This will be a blended training programme that uses A-VIEW for live interactions and Spoken Tutorials to learn to use Linux. The medium of instruction for this workshop is English.

Syllabus for the workshop

Depending on the level of the user, one can learn any/all of the topics mentioned below. If one cannot complete all the topics, one can complete them later on, through self-learning, as all required Spoken Tutorials are freely available.

Linux: Ubuntu Desktop, Desktop Customization, Installing software in Ubuntu Linux, Basic Commands, General Purpose Utilities, File System, Working With Regular Files, File Attributes, Redirection Pipes, Basics of System Administration.

Bash: Introduction to Bash shell scripting, Basics of Shell Scripting, Command line arguments and Quoting, Globbing and Export command, Array operations in Bash, More on Arrays, Conditional execution, Nested and multilevel if/elif statements, Logical Operators.

Linux for Sys Admins: Creating a user account, Assigning Groups on User Creation, User Password management, Modifying User Account, Group Password and Login, Adminstrating Group with `passwd` Command, Modifying and Deleting

A Linux Virtual Box and relevant tutorials will be made available to all learners at the chosen Remote Centre. More Linux tutorials are available at <https://spoken-tutorial.org>.

The FOSSEE team helps you migrate your labs

The FOSSEE team has taken up the effort to promote Linux in colleges all over India. We help you to migrate your CS/IT course labs to Open source software labs on the Linux Operating System. If interested, please write to us at info@fossee.in.

Course Fee

Every participant has to pay Rs. 100 as the course fee to IIT Bombay at the time of online registration. On the day of the workshop, i.e., on 23 August 2019, they have to pay Rs. 400/- to the Remote Centre that they would be attending, to defray the cost of organising the workshop, lunch, and coffee/tea. Please note that the registration fee once paid is neither refundable nor adjustable under any circumstances.

Who should attend?

As this workshop is not subject-specific, teaching faculty from all colleges (engineering, sciences, arts, commerce, management, law, medicine, etc.), polytechnic colleges, ITIs, and schools, can attend. Teachers registered in any Masters programme, and also all Research Scholars can also participate.

Criteria for issuing Certificates

E-certificate will be provided to the participants after successful completion of the workshop and filling up the feedback form.

Duration and Venue

The workshop will be conducted on Friday, 23 August 2019 from 8.30 AM to 4.30 PM at RMK Engineering College (Remote Centre of IIT Bombay).