



GTU Open Source Technologies Club

Any technological advance needs a reason to be introduced into society.
The Open Source Movement created equal opportunities for people all over the world to participate in the global economy.



INTRODUCTION

Gujarat Technological University has always supported the latest trends in the benefit of the students. GTU wants to encourage students/faculties to participate actively in the Open Source movement. To take this a step forward Hon'ble Vice Chancellor Dr. Akshai Aggarwal has introduced Open Source Technologies Club (OSTC).

In May 2013, GTU has introduced Open Source Technologies Club initiative for all the affiliated colleges in collaboration with Spoken Tutorial Project-IIT Bombay. This initiative has been taken to enhance the employability and higher education prospects of the youth of Gujarat by learning software much in demand for PG courses and in the job market. Open Source Technologies Club is first time introduced by Gujarat Technological University.

Spoken tutorial is an initiative of National Mission on Education through ICT, Government of India, to promote IT literacy through Open Source Software. The Spoken Tutorial project is about teaching and learning a particular FOSS (Free and Open Source software) like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, **Advanced C++**, Blender, **Java and Netbeans**, **Python** Libre Office, etc. via an easy Video tool - Spoken Tutorials. The Spoken Tutorial project is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through ICT.

Gujarat Technological University has brought an opportunity for the students/faculties as well as colleges' administrative staff for obtaining a certificate from IIT Bombay while working in their college lab. Gujarat Technological University had started Spoken tutorial project during Dec 2011. Many Colleges are going to organize various workshops with the help of IITB Spoken tutorial team and till date more than 20,000 students/faculties participated in the workshops on Latex, Php, Mysql, C, C++, Java, Linux etc.

GTU wants that all colleges should establish OSTC, the UDISHA Club at their college should work to form an OSTC. You can find more details about this from:

http://www.gtu.ac.in/circulars/13May/Open_Source_Clubs.pdf

Overall Activities of the OSTC Club:

- OSTC awareness- Events
- OSTC Training- Workshops (IIT Bombay's Spoken Tutorials Project has come Forward to support such Clubs.)
- OSTC Literacy- Lecture-Demonstration
- OSTC Movement-Talks
- OSTC Projects for students

List of Colleges where OSTC has been established till date and various activities are going on these institutes under OSTC:

Sr No	College Name	Co_Ordinator	Activities going on under OSTC
1	Gandhinagar Institute of Technology, Gandhinagar	Prof. Rahul Vaghela	Inaugural Function of OSTC and Python Workshop on 27 th -28 th Sept 13 Workshop on Latex and Java on 19/10/2013 Workshop on PhP and Mysql on 12/10/2013 Workshop on Scilab on 16/11/13 & 26/11/2013 Workshop on Linux on 30/11/2013 Report is available at: http://www.gtu.ac.in/circulars/13Oct/GIT%20OSTC%20Report.pdf http://www.gtu.ac.in/Report/OSTC_GIT1.pdf
2	Shree Tapi Brahmacharyashram Sabha College of Diploma Engineering, Surat	Prof. Bhavna Gajera Prof.M.M.Korat	OSTC Awareness event and Workshop on Latex on 03/08/2013 Workshop on Latex on 03/08/2013 Workshop on C and C++ on 17/08/2013 Workshop on Libre office Suit on 28/08/2013 and 16/09/2013, 18/09/2013 and 19/09/2013 Report is available at: http://www.gtu.ac.in/circulars/13Sept/OSTC%20REPORT_STBSPoly.pdf
3	Shree Swami Atmanand Saraswati Institute of Technology, Surat	Prof. Mitul K. Patel	OSTC inauguration and workshop on Python on 12/07/2013 Workshop on python on 03/08/2013 Report is available at: http://www.gtu.ac.in/circulars/13Sept/AITS.pdf
4	B. H. Gardi College of Engineering and Technology, Rajkot	Prof. Kapil K. Shukla	OSTC inauguration and workshop on C and C++ on 25/09/2013 Workshop on Advanced C++ on 06/09/2013 Reports are available at: http://www.gtu.ac.in/circulars/13Oct/Gardi_OSTC.pdf http://www.gtu.ac.in/circulars/13Dec/03122013_02.pdf Website Link: https://sites.google.com/site/gardiostc Facebook Group: https://www.facebook.com/groups/gardiostc/
5	Atmiya Institute of Technology & Science, Rajkot	Prof. Ashish M. Kothari	Inauguration function/inaugurated book on OSCAD and workshop on Scilab on 22/08/13 Workshop on Scilab on 25/09/2013 Visit of Ms.Madhukriti Shrivastva from Spoken tutorial on 11/09/2013 Reports are available at: http://www.gtu.ac.in/circulars/13Sept/AITS.pdf http://www.gtu.ac.in/circulars/13Nov/Scilab_AITS.pdf http://www.gtu.ac.in/ColCorner/02012014_01.pdf
6	Om Engineering College, Junagadh	Prof.K H Raviya Prof. M D Gundaliya	OSTC Inauguration and Workshop on Latex on 15/10/2013 Report is available at: http://www.gtu.ac.in/circulars/13Nov/OM_Engg_OSTC.pdf
7	Hansaba College of Engineering & Technology, Sidhpur	Prof. Avani J. Raval	OSTC Inauguration and Workshop on Java on 03/10/2013 Report is available at: http://www.gtu.ac.in/circulars/13Oct/HCET_Java.pdf

8	Valia Institute of Technology, Valia	Prof. Anuradha Imdapur Prof. Rupali Attarde	Awareness Event of OSTC and Workshop on Latex on 11/10/2013 Report is available at: http://www.gtu.ac.in/circulars/13Nov/VIT_Latex.pdf
9	Grow More Faculty Of Engineering, Himantnagar	Prof. Rahul Patel	OSTC Inauguration and Workshop on Linux Operating system on 16/07/2013 Report is available at: http://www.gtu.ac.in/circulars/13Sept/Grow%20More_Linux.pdf
10	Kalol Institute of Technology, Kalol	Prof. Sandip Kumar S. Chauahn	Inauguration of OSTC and workshop on Libre office Suit Calc on 19/07/2013 Report is available at: http://www.gtu.ac.in/circulars/13Sept/AITS.pdf
11	V.V.P. Engineering College, Rajkot	Dr. Krishna Joshi	Inauguration of OSTC and Workshop on Libre office Suit Writer on 26/10/2013 Report is available at: http://www.gtu.ac.in/circulars/13Nov/OSTC_LO_VVP.pdf
12	Dr. B.B.A. Govt. Polytechnic, Karad	Prof. Bhagwanje e Jha	Inauguration of OSTC and Workshop on Libre Office Suit Base on 24/10/2013 http://www.gtu.ac.in/Report/BBA_OSTC.pdf
13	Laxmi Institute of Technology, Sarigam	Prof. Amrat M. Patel	Inauguration of OSTC and Workshop on Libre suite on 19/07/13
14	Smt. S. R. Patel Engineering College, Unjha	Mr. Shirin J. Patel	
15	Shree Saraswati Institute of Technology Rajpur, Kadi	Prof. Bimal Kumar	
16	Shroff S R Rotary Institute of Chemical Technology, Ankleshwar	Dr. Snehal Lokhandwala	
17	Faculty of Engineering Technology & Research, Bardoli	Prof. Vivek C. Joshi	
18	Gujarat Power Engineering & Research Institute, Mewad	Prof. Rajesh Patel	
19	A. D. Patel Institute of Technology New Vallabh Vidyanagar	Dr. Ramji M. Makwana	

20	Image Engineering & Technical Institute,Kheda	Mrs.Minu Dixit	
21	Dr.Jivraj Mehta Institute of Technology,Anand	Prof. Arpit Mehta	
22	A Y Dadabhai Technical Institute, Kosamba	Mr. D G kalathia Mr. V M Patil	
23	Dr. Subhash Techincal Campus,Junagadh	Prof. Chetan J. Shingadiya Prof. Samik Rathod Prof. R. B.Vaghasiya	Going to organize workshops on C, Latex, Scilab on 25th Jan 2014
24	Shree Dhanvantri College of Diploma Engineering,Surat	Prof.Rashesh J Rajput	

About Logo of GTU Open Source Technologies Club:

This is the official logo of GTU Open Source Technologies Club developed by one student, Mr.Hardik Thaker. GTU had organized Logo Design Contest on Official facebook page of OSTC (<https://www.facebook.com/pages/GTU-Open-Source-Technologies-Club/604633859582015>) and we got more than 50 creative logos for the same designed by our students as well as faculty.



Meaning /about OSTC logo:

- 1) Circle half filled and half empty stands for the overall project developments viz, closed source and open sources.
- 2) Group of People of various colours defines a club where various types of developers /programmers /students/ faculties/researches come and build / fork the projects.
- 3) The stand below them is a platform provided by GTU.
- 4) The rising leaf above them mention that it's an new initiative taken by us.

Some Glimpse of activities conducted under OSTC:



OSTC_AITS,Rajkot



OSTC_Grow More Engg College,Himatnagar



OSTC_HCET,Sidhpur



OSTC_VVP Engg College,Rajkot

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