

Semester Training Planner (STP) of STRC-HIT Odd Semester AY 2016-17

Dept.	FOSS Tool/ Software	FOSS Description (Brief)	Training/Workshop Dates (Tentative) 2/3 Hrs.	Student Limit	Departmental Faculty Coordinator(s)	Departmental Student Coordinators
BT	Python	programming language	23 rd August, 2016	20	Dr. Tarun Kanti Mandal, Assoc. Prof. Tel:9433384747 tkmandal09@gmail.com	4 th yr: Nandita Patra, 8293323188 3 rd yr: Priyanjana Mukherjee, 8420532079 2 nd yr: Urshita Mazumdar, 9475245254
	Cell Designer	Structured diagram editor for drawing gene-regulatory and biochemical networks.	6 th September, 2016	20		
CS	Python	programming language	2 nd week of August,2016	20	Mr. Anupam Pattanayak Asst. Prof. Tel:9476429255 anupam.pk@gmail.com	3 rd yr: Shubham Singhanian, 9002135992 2 nd yr: Shubham kumar, 9083487539 Krishnendu Mondal, 8420331538
	Scilab	Computational Software	4 th week of August, 2016	20	Mr. Arindam Giri, Asst. Prof. Tel:9434239187 ari_giri111@rediffmail.com	
EC	Blender	Graphic Software	29 th August, 2016	20	Mr. Dibyendu Chowdhury Asst. Prof. Tel: 9932644639 dibyendu.chow@gmail.com	3 rd yr: Aman Raj, 7063767412 Saddam Hussain, 8972256601 2 nd yr: Kanika Chaudhary, 7384688321 Sumit Anand, 7098172564
	eSim	EDA Tool	1 st September, 2016	20		
	Python	programming language	30 th August, 2016	20	Mr. Surajit Mukherjee, Asst. Prof. Tel: 9903872605 ece.surajit@yahoo.com	
	Scilab	Computational Software	2 nd September, 2016	20	Mr. Tirthadip Sinha, Asst. Prof. Tel:9477167865 tirthadip.sinha@gmail.com	
EE	Java	programming language	1 st week of September,2016	20	Mr. Sourav Kumar Das Asst. Prof. Tel: 9433436800 sourav.besu2006@gmail.com	3 rd yr: Vivek Kumar Khandelwal, 7076243885 Subir Kumar, 9635272260 2 nd yr: Viranchi raja, 8290103997
	Python	programming language	2 nd week of September,2016	20		
	C	programming language	3 rd week of August,2016	20	Mr. Shubhasish Sarkar, Asst. Prof. Tel: 9832151208 shubhasish.sarkar18@gmail.com	
	C++	programming language	4 th week of August,2016	20		
IT	Python	programming language	4 th week of August, 2016	20	Mr. Bidyut Das, Asst. Prof. Tel:9434415548 bidyut2002in@gmail.com	3 rd yr: Megha Ganguly, 9614233248
	PHP & MySQL	programming language	1 st week of September, 2016	20	Ms. Madhumita Maity, Asst. Prof. Tel:9474616344 madhu.maity07@gmail.com	

Student Supervisors from STRC-HIT:

Sumit Kr. Agarwal, 4th Year ECE student, Tel: 9614798135, Email: skagarwal7757@gmail.com

S. Sourav Kumar, 3rd Year CSE student, Tel: 8293424664, Email: souravbadami@gmail.com



Spoken Tutorial Resource Center, Haldia Institute of Technology (STRC-HIT)

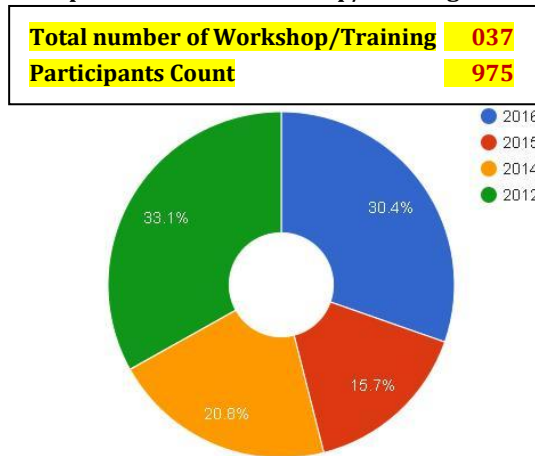
STRC-HIT is a collaboration between Haldia Institute of Technology (HIT) and Spoken Tutorial Project group of IIT Bombay to empower the students in Free and Open Source Software (FOSS) which are available **free of cost** from developer's site.

The Spoken Tutorial project is the initiative of the "Talk to a Teacher" project of Indian Institute of Technology, Bombay, funded by Ministry of Human Resource Development (MHRD), Government of India, under the National Mission on Education through Information and Communication Technology (NMEICT) to spread IT literacy in all over India. This MOOCS program (awarded by GOOGLE) teaches various software skills to all the engineering and technology students with both academic and employment focus.

STRC-HIT's training/workshops provide you with an opportunity of e-learning which is a new method of learning where one is self-tutored through audio-videos, online examination and certification by IIT Bombay. The idea is to properly train students, who will in return further help to train other students for their own thoroughness and keep this initiative active and growing. **'Learn yourself and help others to learn software at free of cost'.**

N.B.- MAKAUT (formerly WBUT) already included a Design lab into revised syllabus for final year CSE and IT students based on the Spoken Tutorials (basically Audio-Video platform for self learning) which would be graded through online assessments by IITB at free of cost.

Statistics of the Spoken Tutorial workshop/Training conducted in HIT so far =>



With the interests and active participations from the five engineering branches, STRC-HIT has organized the following training/workshops in even semester 2016:-

PYTHON and 'C' in CSE dept. # OSCAD and SCILAB in ECE and EE dept. #NETBEANS and PERL in IT dept. #BLENDER in Civil Engg. Dept.

Open source efforts are not only idealistic, but make economic and commercial sense as well. These have a potential to empower all Indian children to collaborate and make us a developed nation. We invite you to join us.....

#Facebook Group => STRC-HIT Haldia (Official)

<https://www.facebook.com/groups/1636385643282689/>

#Facebook Page => STRC-HIT

<https://www.facebook.com/hitstrc/>

Listing Resource Centers => Academic Center Information:

<http://spoken-tutorial.org/software-training/academic-center/143/haldia-institute-of-technology/>

#Web presence of MAKAUT (formerly WBUT) where they have mentioned Spoken Tutorial:

<http://spoken-tutorial.org/news/official-letters-and-links/web-presence-of-wbut-where-they-have-mentioned-spoken-tutorial/>



STRC-HIT is presently offering following FOSS training/workshop for the students with active help from Spoken Tutorial Project, IIT Bombay:

FOSS	Relevant Department(s) (but not restricted to others)	Commercial Equivalent software	Applied in research/ academia/ industry/public sector so far
LaTeX	All Engineering streams specially CS/IT/MCA	MS word	Value addition to academic Skills set. Essential for International paper presentation and scientific journals.
PHP & MySQL		.NET	Website Developer in all types of small and large enterprises, Air-India, Bridge & Roof Co., Media channels, agencies etc.
C/C++		Programming language	Popular companies requiring programmers on C/C++, Java, Netbeans, Perl and Ruby are HCL technologies, Wipro, L&T, TCS etc.
Java			
Netbeans			
Perl			
Ruby			
Python			Johnson Space Center(NASA), Swedish Meteorological and Hydrological Institute (SMHI), Environmental Systems Research Institute (ESRI), Nokia, Yahoo Maps, Google spider and search engine, Walt Disney animation, Red Hat Linux distribution uses Python
Scilab & Scicos	ECE/ EE/ EIE/ ICE	MATLAB & Simulink	CEA/CESTA (French research facility), CNES (French government space agency), Xilinx (Germany), University of Luxembourg, Temasek Polytechnic (Singapore), Johnson Electric GATE (Italia), Upper Austria University of Applied Sciences, Bavarian State Research Center for Agriculture (Germany), Inria (France), Noesis Solutions (Belgium), Openeering/Enginsoft, CEREMA, Cospas-Sarsat, GEOLAB, MIT etc.
eSim (formerly OSCAD)		OrCAD	EDA tool for circuit design, simulation, analysis and PCB design in SME's and academic institutions.
Blender	All Engineering streams specially CE/PE	AutoCAD, Maya 3D	Sectors, such as advertising, PC games, TV, education, interior-decoration etc. www.oniria.com.br ; http://redcartel.com.au ; www.flipdesign.co.nz ;
OpenFOAM	ME/Chem	Fluent	BARC, Tata steel, Volkswagen and it's daughter companies like Audi, Seat etc. make heavily use of OPENFOAM ...
GChemPaint	Chem		GChemPaint is currently being developed as part of The Chemistry Development Kit, and a Standard Widget Tool kit-based GChemPaint application is being developed, as part of Bioclipse.
Cell Designer	BT		A modeling tool of biochemical networks, used in Mizuho Information & Research Institute Mitsui Knowledge Industry Co. Ltd. Dept. of Bioscience and Informatics, Keio University Okinawa Institute of Science and Technology

