	Available + L6 + Hosted + Not Masked																		
	Available + L6 + Hosted + Masked/or																		
	any issues Partially Available + L6 + Hosted +										_								
	masked																		
	Not Available + L6 + Hosted + Not Masked																		
	Not Available + L0 + Not Hosted										_		_		_				-
	Sent for hosting																		
	Available + L6 + Hosted + Not Masked																		
	+ Test																		
	Lab not at 16																		
		No of	abs are at level 6,							19	abs are at level 6, 1	ab are at level 4				19 Labs are a	t level 6, 1 lab a	re at level 4	
S. No	Lab Name	Experiments	Integration Status	Hosted On		Comments	ТОВО												
1	Problem Solving	10	6	AWS	No issues	Source files are available for all the experiments and the lab is hosted.		Available + L6 + Hosted + Not Masked + old src for all experiments											
	i i					The lab is at I.6 through ansible playbook. Source code present													
2	Databases	10	4	IIITH Server	No issues	The lab is at L6 through ansible playbook. Source code present for all the simulations. (Yogesh from systems to move the deployment from IIIT to AWS)		Available + L6 + Hosted + Not Masked											
								Available + L6 + Hosted + Not Masked + old src											
3	Digital Logic Design	10	6	AWS	No issues	Sources are available for all the experiments.		for all experiments											
	Image Processing	11	6	AWS	https://github.com/vintual- cabatmage-processing-	Sources are available for all the experiments.		Available + L6 + Hosted + Not Masked + old src for all experiments											
-	image Processing	- 11	- 0	AWO	https://github.com/Virtual-	Sources are available for all tile experiments.		tot an experiments											_
5	Computer Graphics	- 11	6	AWS	https://github.com/Virtual- Labs-computer-graphics- intresues/1	Sources are available for all the experiments.		Available + L6 + Hosted + Not Masked											
						The lab is at I.6 through ansible playbook. Source code present													
	Data Mining	11	6	IIITH Server	No issues	for all the simulations.		Available + L6 + Hosted + Not Masked				-							_
7	Cryptography	10	6		No issues https://pithub.com///idual-	Sources are available for all the experiments.		Available + L6 + Hosted + Not Masked	-		_	+							+
8	Artificial Neural Networks	10	6	AWS	https://github.com/Virtual- Labs/arthoral-neural- neural-neural-neural-	Sources are available for all the experiments.		Available + L6 + Hosted + Not Masked											
9		10	6		No issues	Sources are available for all the experiments.		Available + L6 + Hosted + Not Masked											
						1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1												
	Rasin Ennineering Mechanics and Streeth					sources for all the 10 experiments and masked all the													
	Basic Engineering Mechanics and Strength of Materials	10	6			fla for 9 experiments and avi file for 4th experiment.		Available + L6 + Hosted + Not Masked											
	Hydraulics and Fluid Mechanics	10	6			Sources are available for all the experiments.		Available + L6 + Hosted + Not Masked											
	Natural Language Processing	10	6		No issues	Sources are available for all the experiments.		Available + L6 + Hosted + Not Masked											
13	Basic Structural Analysis	10	6	AWS	No issues	Sources are available for all the experiments.		Available + L6 + Hosted + Not Masked											_
14	Computer Programming	10	6	AWS	https://github.com/Virtual-La	Sources are available for all the experiments.  Sources are available for all the experiments, There is issue with 10th experiment, so its masked. 9 experiments are hosted.	host 10th experiment with old src code - Khushpreet	Available + L6 + Hosted + 1 Masked											
15	Data Structures	9	6	AWS	https://github.com/Virtual-La	experiments) and the fla files are not available for other 5 experiments(5,6,7,8,9 experiments).		Partially Available + L6 + Hosted + No masked expt + old src code											
						2 experiments are masked[10th and 11th exp], and .fla files for		Partially Available + L6 + Hosted + 2 Masked											
16	Computer Organization	11	6	AWS	https://github.com/Virtual-La	3 experiments (2,3, & 9th experiments.) are not available in bitbucket and in container.		(src not available at all ) + old src code for all experiments											
	Pattern Recognition	8	6			Source files(.java files ) are available for all the experiments.		Not Available + L6 + Hosted + Not Masked											
						Source files(.java) are not available for all the experiments. But there is an issue setting up java 3D environment on the		Partially Available + L6 + Hosted + Not Masked											
18	EM Theory	10	6*	AWS	No issues	there is an issue setting up java 3D environment on the machine.		Partially Available + L6 + Hosted + Not Masked + Issues											
						6 experiments are in flash, 2 experiments are in java 3D, .java													
19	Physical Chemistry	10	6	AWS	No issues	6 experiments are in flash, 2 experiments are in java 3D, java files are not available for the last 2 experiments. So, 2 experiments are masked (7, 8) and sent request to host.	Update sources and unmask both the experiments - Sravanthi - DONE	Partially Available + L6 + Hosted + 2 Masked											
	Linux Lab	10	1	IIITH Server	https://githuth.com/Uddust		Knowledge transfer from Apury to Khushpreet - DONE												
20	Linux Lab	10	1	III I H Server	Labstinux-lab-lithtssues/4	Multiple container issue	Knowledge transfer from Aparv to Knastipreet - DONE												_
	12 labs a		b is at level 1, 3 l		0					 9 labs are at level 6, 1 la	is at level 4, 6 labs	are at level 0		9	labs are at level 6	6, 1 lab is at leve	el 4, 6 labs are	at level 0	
S>NO	Lab Name	No. of Experiments	Integration Status	Hosted On	Issues	Comments													
1	Molecular Absorption Spectroscopy	10	6	AWS	No issues	Source files are available for all the experiments and the lab is hosted.		Available + L6 + Hosted + Not Masked											
						Source files are available for all the experiments and the lab is													
2	Computational Linguistics	9	6	AWS	No issues	hosted.		Available + L6 + Hosted + Not Masked											
3	Molecular Florescence Spectroscopy	10	6	AWS	No issues	Source files are available for all the experiments and the lab is hosted.		Available + L6 + Hosted + Not Masked											
						Partially Available ( .fla files are not available for 1,2,3,5,6,8,9													
4	Colloid and Surface Chemistry	9	6	AWS	No issues	experiments), available for 4th and 10th.		Partially Available + L6 + Hosted + Not Masked											
						Source files are partially Available (Require java for 3, 4, 8 experiments & fla for 1, 6, 7 experiments.) None of the													
	Circular Dichronism Spectroscopy	10	6		No issues	experiments are masked.		Partially Available + L6 + Hosted + Not Masked											
	Molecular Interactions	11	6		Not identified	Source files(.java 3D) are not available for all the experiments.		Not Available + L0 + Hosted + Not Masked											_
	Physical Science Lab Geotechnical Engineering Lab	9	6*		Not identified Not identified	Sources (Java 3D) are not available for all the experiments Source files (Java 3D) are not available for all the experiments		Not Available + L0 + Hosted Not Available + L0 + Hosted + Not Masked			-	-	-						-
-	Occurrences Engineering Lab	,		AWO		Collected source files (.java 3D and .fln) in sept, 2015. Need to		NO ANDRONE T LO T PROSECUT NO MASKED				+							_
	Characterist Discouries	100		41415		test		Available + L6 + Hosted + Not Masked + Test											
	Structural Dynamics	10	6	AWS		and need to send request to update the sources  Collected the courses (i.v.a 2D and flash) for all the experiments					_	_	_						-
9				AWS		Collected the sources (java 3D and flash) for all the experiments in sept, 2015 - Need to test src		Available + L6 + Hosted + Not Masked + Test											
	Soil Mechanics and Foundation Engineering	10	6			Collected course files ( issue) for 2 experiments[] in cent. 2015.		Partially Available + L6 + Hosted + Not Masked + Test											
10	1				No leaves	Need to test Source not available for 7 experies													
10	Speech Signal Processing	10	6			Collected source files (.java) for 3 experiments[] in sept, 2015. Need to test. Sources not available for 7 experiments Sources (.java) are not available for all experiments and lab is													
10	Speech Signal Processing Optical Remote Sensing	10		AWS Not hosted	Not identified	Sources (.java) are not available for all experiments and lab is not hosted		Not Available + L0 + Not Hosted											
10 11 12 13	Speech Signal Processing Optical Remote Sensing Quantum Chemistry	10 8 10		AWS Not hosted Not hosted	Not identified No issues	Sources (.java) are not available for all experiments and lab is not hosted Source files(.java) are not available for all the experiments.		Not Available + L0 + Not Hosted Not Available + L0 + Not Hosted											
10 11 12 13 14	Speech Signal Processing  Optical Remote Sensing  Quantum Chemistry  Mobile Robotics	10 8 10 10	6 0 0	AWS  Not hosted  Not hosted  Not hosted	Not identified No issues No issues	Sources (.java) are not available for all experiments and lab is not hosted Source files(.java) are not available for all the experiments. Source files(.java) are not available for all the experiments.		Not Available + L0 + Not Hosted											
10 11 12 13 14	Speech Signal Processing Optical Remote Sensing Quantum Chemistry	10 8 10		AWS Not hosted Not hosted	Not identified No issues No issues	Sources (,java) are not available for all experiments and lab is not hosted  Source files(,java) are not available for all the experiments.  Source files(,java) are not available for all the experiments.  Multiple container issue		Not Available + L0 + Not Hosted Not Available + L0 + Not Hosted											
10 11 12 13 14 15	Speech Signal Processing  Optical Remote Sensing  Quantum Chemistry  Mobile Robotics	10 8 10 10	6 0 0	AWS  Not hosted  Not hosted  Not hosted	Not identified No issues No issues	Sources (.java) are not available for all experiments and lab is not hosted Source files(.java) are not available for all the experiments. Source files(.java) are not available for all the experiments.		Not Available + L0 + Not Hosted Not Available + L0 + Not Hosted											

S.No.	Lab ID	Lab Name	Integration Level	Documentation	Comments	List of experiments	
1	CSE01	Data structures	6	Yes			
2	CSE02	Computer programming	6	Yes			
3	CSE15	Digital logic design	6	Yes			ok for hosting
4	CSE19	Image Processing	6	Not required			
5	CSE18	Computer graphics	6	Yes			
6	CSE20	Pattern Recognition	6	Yes			ok for hosting
7	EMT	EM Theory	6	Yes			
8	CSE29	Cryptography	6	Not required			ok for hosting
9	CSE22	Artificial Neural Networks	6	Yes			ok for hosting
10	CSE11	Computer Organization	6	Yes			not updated
11	CSE14	VLSI	6	Yes			
12	EERC03	Hydraulics and Fluid Mechanics	6	Yes			
13	CCNSB06	Physical Chemistry	6	Not required			
14	CSE07	Databases	4	Not required	Scripts cant run with ovpl. Though scripts run on ubuntu machine without any issue. Raised an Issue on ovpl repo. [Saikrishna yet to update the status]		
15	CSE06	Data Mining	4	Not required	change-shell.sh create-sage.exp start_sage pre-build-script.sh [Saikrishna yet to update the status]		
16	EERC01	Basic Engineering Mechanics and Strength of Materials	6	No	This two lab needs java3d running on the clients machine. I have tried it with different combinations of jre and java3d package versions but that did not help.	10 exps	
17	PHY14	Physical Sciences	6				
18	CSE09	Linux Lab	3	Not required	Multiple container issue		
19	CSE05	Principles of Programming Languages	3	Not required	Multiple container issue - Apurv and Saikrishna 1. Idap server is set up, lab is able to connect to the server but not able to create user, the problem might be with the version of Idapscripts. 2.NFS quotatools is depricated now, found the alternate for that but then modprobe quota_v2 doesn't support anymore	Have yogesh helping with the team	
20	CSE04	Problem Solving	2	Not required			

	Labs Running on ADS		
Lab Name	Status	Technology	Done by
Data structures	Flash plugin	Flash plugin	Sravanthi
Computer programming	icedtea plugin,jre	icedtea plugin,jre	9
Digital logic design	Java and Iced tea plugin	Icedtea plugin,Java (1.7.0-65)	Sadhana
Computer graphics	Java and Iced tea plugiin updated but it is not displaying	Java(1.7.0- 65),Icedtea Plugin	Sravanthi
Pattern Recognition	Java and Iced tea plugin	Java(1.7.0- 65),Icedtea Plugin	Sravanthi
EM Theory	Required Java 3D	java version "1.7.0-65", OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D 1.5.2	Sadhana
Computer Organization	Required Java and icedtea plugin		Sripathi
VLSI	Java ,Waveform		
Basic Engineering Mechanics and Strength of Materials	Need Java 3D	Java(1.7.0- 65),Icedtea Plugin (1.7.65),Java3D (1.5.2)	get the status from sripathi
Hydraulics and Fluid Mechanics	Issue with a container	Java(1.7.0- 65),Icedtea Plugin (1.7.65),Java3D (1.5.2)	
Physical Chemistry	Required Java 3D	Java3D(1.5.2) for last two Experiments and Flash	
Physical Sciences	Required Java 3D	Java3D(1.5.2) and Flash	

.NO	NO Lab Id Lab Name		Testing on Local Machine (1A)	Lab D	ependencies	Testing over OVPL (2A)	Private IP Address (2B)		Labs Hosted	on Azamon		Files with dot Extension
				Server side Dependencies (1B)	Client side Dependencies (1B)			Lab Status (3A)	Hosted URL	Documentation (3B)	Comments	
1	CSE01	Data Structures	Yes	php5,apache2	flash Plugin	Yes	10.2.58.130	Yes	cse01.virtual-labs.ac.in	Yes		.swf
2	CSE02	Computer Programming	Yes	apache2	icedtea plugin,jre (1.7.0-65)	Yes	10.2.58.140	Yes	cse02.virtual-labs.ac.in	Yes		.java , .class
3	CSE09	Linux Lab	Yes	php5,apache2	None	No				Not Required		.swf
4	CSE11	Computer Organization	Under progress	php5,apache2	Java(1.7.0-65),Icedtea Plugin, Flash	Yes						.jar, .classswf
5	CSE04	Problem Solving	Under progress	php5,apache2	None							.js
6	CSE07	Databases	Yes	php5,apache2,sage	None					Yes		
7	CSE15	Digital Logic Design	Yes	apache2	icedtea plugin,Java (1.7.0-65)	Yes	10.2.58.131	Yes	dld.virtual-labs.ac.in	Yes		.jar
8	CSE19	Image Processing	Yes	apache2,php5,libapache2- mod-php5,apache2, php5-gd, libcv-dev, libcv2.3, libcvaux- dev, libcvaux2.3, libhighgui- dev, libhighgui2.3 and some libopencv packages	None	Yes			image-processing.virtual-labs.ac.in	Not Required		
9	CSE18	Computer Graphics	Yes	apache2	Java(1.7.0-65),Icedtea Plugin	Yes	10.2.58.132	Yes	computer-graphics.virtual-labs.ac.i	Yes		.js
10	CSE20	Pattern Recognition	Yes	php5,apache2	Java(1.7.0-65),Icedtea Plugin	Yes	10.2.58.133	Yes	pattern-recognition.virtual-labs.ac.i	Yes		.jar, .jnlp
11	CSE06	Data Mining	Yes	Sage,php5, apache2	None	No	10.2.57.214					
12	CSE29	Cryptography	Yes	php5,apache2	None	Yes	10.2.58.136	Yes		Not Required		.pdf
13	CSE22	Artificial Neural Networks	Yes	php5,apache2	java version "1.6.0-65", Iced tea Plugi	Yes				Yes		.js, .jar
14	emt	EM Theory	Yes	php5, apache2	java version "1.6.0-65", OpenJDK Runtime Environment (IcedTea 2.5.3), Java 3D (1.5.2)	Yes		Yes	emt.virtual-labs.ac.in	Yes		.js , .swf
15	cse14	VLSI	Yes	php5, apache2	Java, WaveForm	Yes						.js
16	eerc01	Basic Engineering Mechanic Strength of Materials	Yes	php5, apache2	Java(1.7.0-65),Icedtea Plugin (1.7.65),Java3D(1.5.2)	Yes				Asks for Manifest.txt during run time.We need to have the actual content of the experiment to generate the manifest.txt file.Currently its just the executables that we have along with us.		.jar , .jnlp, js, .swf
17	eerc03	Hydraulics and Fluid Mechan	Yes	php5, apache2	Java(1.7.0-65),Icedtea Plugin (1.7.65),Java3D(1.5.2)	Yes				Throws run time exceptions to resolve we need to look into the sources of the simulations. Currently its just the executables that we have along with us.		.jar , .jnlp, js, .swf
18	ccnsb06	Physical Chemistry	No	apache2	Java3D 1.5.2 for last 2 experiments and Flash	Yes						.js , .swf
19	phy14	Physical Sciences	No		Java3D 1.5.2 and Flash							.jnlp, .swf, .js, jar

S.No	Lab Id	Lab Name	Testing on Local Machine (1A)	Lab Dependencies		Testing over ADS (2A)	Private IP Address (2B)	Labs Hosted on Azamon					
				Server side Dependencies (1B)	Client side Dependencies (1B)			Lab Status (3A)	Hosted URL	Documentation (3B)	Comments	Source Codes	Status
1	cse24	Natural Language Processing	Yes	apache, php	none	yes	10.2.58.121		http://nlp-iiith.vlabs.ac.	Not required		.php	
2	ccnsb02	Colloid and Surface Chemistry	yes	apache, php	Flash Plugin	yes	10.2.58.4		http://csc-iiith.vlabs.ac	Yes		.swf, .fla	
3	ccnsb03	Molecular Absorption Spectroscopy	yes	apache, php	Flash Plugin	yes	10.2.58.40		http://mas-iiith.vlabs.a	Yes		.swf, .sh, .fla	
4	ccnsb07	Molecular Interactions	Yes	apache	Java,IcedTea Plugin		10.2.58.125		http://mi-iiith.vlabs.ac.i	Yes		.java, .class, .php, .swf	Yes
5	eerc05	Geotechnical Engineering Lab	Yes	apache	Flash Plugin, IcedTea plugin and java 3D	yes	10.2.58.130		http://ge-iiith.vlabs.ac.i	Yes		.java, .class, .jar, .jnlp, .swf	Yes
6	cse23	Computational Linguistics	Yes	apache	None	yes	10.2.58.129		http://cl-iiith.vlabs.ac.ir	Not required		.js, .php, .jar	
7	eerc06	Structural Dynamics	Yes	apache	Flash Plugin, IcedTea plugin and java 3D	yes	10.2.58.3		http://sd-iiith.vlabs.ac.i	Yes		.jnlp,.jar, .jar, .swf	No
8	cse16	Speech Signal Processing	Yes	apache, php	Java Plugin 1.7.0_79,icedtea plugin	yes	10.2.56.111		http://ssp-iiith.vlabs.ac	Yes		.jar, .js, .php	No
9	cse21	Optical Remote Sensing	(but not running manually)	apache,php	flash, java	yes	10.2.56.24			Yes		.swf, .class, .js, .php	No
10	eerc02	Soil Mechanics and Foundation Engineering	Yes	apache,php	Flash Plugin, IcedTea plugin and java 3D	yes			http://smfe-iiith.vlabs.a	Yes		.swf, .jar, .php, ,jnlp	No
11	ccnsb01	Molecular Florescence Spectroscopy	yes	apache.php	Flash Plugin	Yes	10.2.58.144		http://mfs-iiith.vlabs.ac	Yes		.fla, .swf	
12	ccnsb04	Quantum Chemistry	Yes	apache, php	Java 3D,Java and icedtea plugin	yes	10.2.58.141			Yes		.class, js, .php	No
13	ccnsb05	Circular Dichronism Spectroscopy	Yes	apache,php	Java,IcedTea Plugin	yes	10.2.56.222		http://cds-iiith.vlabs.ac	Yes		.js, .jar, .flp, .swf	
14	eerc04	Basic Structural Analysis	Yes	apache,php	Flash Plugin, IcedTea plugin and java 3D	yes	10.2.56.28		http://bsa-iiith.vlabs.ac	Yes		.jnlp, .swf, .js, jar	No
15	cse30	Analog CMOs VLSI Circuit Design	Yes	apache,php	Flash,Java and IcedTea plugin	Yes	10.2.56.6			Yes		.class, .java, .php	Yes
16	cse17	Mobile Robotics	Under progress		java, iced-tea plugin	yes	10.2.56.7			Yes		.jar,	No