COURSE FILE

ON

IT WORKSHOP

Course Code– CS203ES

I B. Tech Semester- II
A.Y.2022-2023

Prepared by
N.KEERTHI CHANDANA
ASSISTANT PROFESSOR

Head of the Department
Department of H&S
SRI INDU INSTITUTE OF ENGG & TECH
Sheriguda(V) Ibrahimpatnam (M) R.R. Dist-501 510

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Sri Indu Institute of Engineering & Tech,
Sheriguda(Vill), Ibrahimpatnam
R.R. Dist. Telangana-501 510.

Sri Indu Institute of Engineering and Technology (Autonomous)

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ESTD : 2007

NameofthePhysical laboratory:	IT WORKSHOP
Course code	CS203ES
Room No	D005
Name of the lab in charge	P.SWATHI
Name of the faculty in charge	N.KEERTHICHANDANA

Index of Lab File

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INSTITUTE VISION & MISSION

Vision:

      To become a premier institute of academic excellence by providing the world class education that transforms individuals into high intellectuals, by evolving them as empathetic and responsible citizens through continuous improvement.

Mission:

- ➤ **IM1:** To offer outcome-based deducation and enhancement of technical and practical skills.
- ➤ **IM2:** To Continuous assess of teaching-learning process through institute-industry collaboration.
- ➤ **IM3:** To be a center of excellence for innovative and emerging fields in technology development with state-of-art facilities to faculty and students' fraternity.
- ➤ **IM4:** To Create an enterprising environment to ensure culture, ethics and social responsibility among the stake holders.

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PROGRAMME OUTCOMES

PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2:ProblemAnalysis: Identify,formulate,researchliterature,andanalyzecomplex engineering problems reaching substantiated conclusions using first principles of mathematics, naturalsciences, and engineering sciences.

PO3:Design/DevelopmentofSolutions: Designsolutions forcomplexengineeringproblems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The Engineer & Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7:Environment&Sustainability: Understandtheimpactoftheprofessionalengineering solutionsinsocietalandenvironmentalcontexts,anddemonstratetheknowledgeof,and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9:Individual&TeamWork: Functioneffectivelyasanindividual,andasamemberor leader in diverse teams, and in multi disciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, give and receive clear instructions.

PO11: Project Management & Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-Long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning inthe broadest context oftechnologicalchange.

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BR22 B.Tech AI & DS Syllabus　　　　　　　　　　　　　　　　　　　　　　　　SIIET

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B.Tech. in ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

COURSE STRUCTURE, I YEAR SYLLABUS (BR22 Regulations)
Applicable from Academic Year: 2022-23 Batch

I Year I Semester

S. No.	Course Code	Course Title	L	T	P	Credits
1.	MA101BS	Matrices and Calculus	3	1	0	4
2.	AP102BS	Applied Physics	3	1	0	4
3.	CS103ES	Programming for Problem Solving	3	0	0	3
4.	ME102ES	Engineering Workshop	0	1	3	2.5
5.	EN104HS	English for Skill Enhancement	2	0	0	2
6.	CS106ES	Elements of Computer Science & Engineering	0	0	2	1
7.	AP105BS	Applied Physics Laboratory	0	0	3	1.5
8.	CS107ES	Programming for Problem Solving Laboratory	0	0	2	1
9.	EN107HS	English Language and Communication Skills Laboratory	0	0	2	1
10.	*MC101ES	Environmental Science	3	0	0	0
11.		Induction Programme				
		Total	14	3	12	20

I Year II Semester

S. No.	Course Code	Course Title	L	T	P	Credits
1.	MA201BS	Ordinary Differential Equations and Vector Calculus	3	1	0	4
2.	CH203BS	Engineering Chemistry	3	1	0	4
3.	ME201ES	Computer Aided Engineering Graphics	1	0	4	3
4.	EE201ES	Basic Electrical Engineering	2	0	0	2
5.	EC201ES	Electronic Devices and Circuits	2	0	0	2
6.	CH206BS	Engineering Chemistry Laboratory	0	0	2	1
7.	EE202ES	Basic Electrical Engineering Laboratory	0	0	2	1
8.	CS201ES	Python Programming Laboratory	0	1	2	2
9.	CS203ES	IT Workshop	0	0	2	1
		Total	11	3	12	20

IT WORKSHOP
(Course Code: CS203ES)

B.Tech. I Year II Sem.   **L T P C**
                                                 0 0 2 1

Course Objectives: The IT Workshop for engineers is a training lab course spread over 60 hours. The modules include training on PC Hardware, Internet & World Wide Web and Productivity tools includingWord, Excel, PowerPoint and Publisher.

Course Outcomes:
- Perform Hardware troubleshooting
- Understand Hardware components and inter dependencies
- Safeguard computer systems from viruses/worms
- Document/ Presentation preparation
- Perform calculations using spreadsheets

PC Hardware

Task 1: Identify the peripherals of a computer, components in a CPU and its functions. Draw the block diagram of the CPU along with the configuration of each peripheral and submit to your instructor.

Task 2: Every student should disassemble and assemble the PC back to working condition. Lab instructors should verify the work and follow it up with a Viva. Also students need to go through the video which shows the process of assembling a PC. A video would be given as part of the course content.

Task 3: Every student should individually install MS windows on the personal computer. Lab instructor should verify the installation and follow it up with a Viva.

Task 4: Every student should install Linux on the computer. This computer should have windows installed. The system should be configured as dual boot with both Windows and Linux. Lab instructors should verify the installation and follow it up with a Viva

Internet & World Wide Web

Task1: Orientation & Connectivity Boot Camp: Students should get connected to their Local Area Network and access the Internet. In the process they configure the TCP/IP setting. Finally students should demonstrate, to the instructor, how to access the websites and email. If there is no internet connectivity preparations need to be made by the instructors to simulate the WWW on the LAN.

Task 2: Web Browsers, Surfing the Web: Students customize their web browsers with the LAN proxy settings, bookmarks, search toolbars and pop up blockers. Also, plug-ins like Macromedia Flash and JRE for applets should be configured.

Task 3: **Search Engines & Netiquette:** Students should know what search engines are and how to use the search engines. A few topics would be given to the students for which they need to search on Google. This should be demonstrated to the instructors by the student.

Task 4: Cyber Hygiene: Students would be exposed to the various threats on the internet and would be asked to configure their computer to be safe on the internet. They need to customize their browsers to block pop ups, block active x downloads to avoid viruses and/or worms.

LaTeX and WORD
Task 1 – Word Orientation: The mentor needs to give an overview of LaTeX and Microsoft (MS) office or equivalent (FOSS) tool word: Importance of LaTeX and MS office or equivalent (FOSS) tool Word as word Processors, Details of the four tasks and features that would be covered in each, Using LaTeX and word – Accessing, overview of toolbars, saving files, Using help and resources, rulers, format painter in word.

Task 2: Using LaTeX and Word to create a project certificate. Features to be covered:- Formatting Fonts in word, Drop Cap in word, Applying Text effects, Using Character Spacing, Borders and Colors, Inserting Header and Footer, Using Date and Time option in both LaTeX and Word.
Task 3: Creating project abstract Features to be covered:-Formatting Styles, Inserting table, Bullets and Numbering, Changing Text Direction, Cell alignment, Footnote, Hyperlink, Symbols, Spell Check, Track Changes.
Task 4: Creating a Newsletter: Features to be covered:- Table of Content, Newspaper columns, Images from files and clipart, Drawing toolbar and Word Art, Formatting Images, Textboxes, Paragraphs and Mail Merge in word.

Excel
Excel Orientation: The mentor needs to tell the importance of MS office or equivalent (FOSS) tool Excel as a Spreadsheet tool, give the details of the four tasks and features that would be covered in each. Using Excel – Accessing, overview of toolbars, saving excel files, Using help and resources.

Task 1: Creating a Scheduler - Features to be covered: Gridlines, Format Cells, Summation, auto fill, Formatting Text

Task 2 : Calculating GPA - .Features to be covered:- Cell Referencing, Formulae in excel – average, std. deviation, Charts, Renaming and Inserting worksheets, Hyper linking, Count function, LOOKUP/VLOOKUP

Task 3: Split cells, freeze panes, group and outline, Sorting, Boolean and logical operators, Conditional formatting

Powerpoint

Task 1: Students will be working on basic power point utilities and tools which help them create basic powerpoint presentations. PPT Orientation, Slide Layouts, Inserting Text, Word Art, Formatting Text, Bullets and Numbering, Auto Shapes, Lines and Arrows in PowerPoint.

Task 2: Interactive presentations - Hyperlinks, Inserting –Images, Clip Art, Audio, Video, Objects, Tables and Charts.

Task 3: Master Layouts (slide, template, and notes), Types of views (basic, presentation, slide slotter, notes etc), and Inserting – Background, textures, Design Templates, Hidden slides.

REFERENCE BOOKS:

1. Comdex Information Technology course tool kit Vikas Gupta, *WILEY Dreamtech*
2. The Complete Computer upgrade and repair book, 3rd edition Cheryl A Schmidt, *WILEY Dreamtech*
3. Introduction to Information Technology, ITL Education Solutions limited, *Pearson Education.*
4. PC Hardware - A Handbook – Kate J. Chase *PHI* (Microsoft)
5. LaTeX Companion – Leslie Lamport, *PHI/Pearson.*
6. IT Essentials PC Hardware and Software Companion Guide Third Edition by David Anfinson and Ken Quamme. – *CISCO Press, Pearson Education.*
7. IT Essentials PC Hardware and Software Labs and Study Guide Third Edition by Patrick Regan – CISCO Press, *Pearson Educatio*

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COURSE OUTCOMES

Course Name: ITWORKSHOP LAB(C129)

AttheEndofthecourse,studentwillbeableto

CONo	DESCRIPTION
C129.1	Identifyperipheralsofacomputer.(Knowledge)
C129.2	Developaworddocumentation.(Synthesis)
C129.3	DevelopanExcelsheetforstudentmarks(Synthesis)
C129.4	Developbasicprogramsonpowerpointpresentation.(Synthesis)
C129.5	DevelopbasicprogramsonHTMLtag.(Synthesis)

Cos and POs& PSOs Mapping

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C129.1	3	2	1	2	--	--	--	--	--	--	--	--	--	--
C129.2	2	3	--	1	2	--	--	--	--	--	--	3	--	--
C129.3	2	1	3	2	1	--	--	--	--	--	--	--	--	--
C129.4	3	2	1	--	2	--	--	2	3	--	--	2	--	--
C129.5	2	1	3	--	--	--	--	2	3	--	--	--	--	--
Avg	2.4	1.8	2	1.6	1.6	--	--	2	3	--	--	2.5	--	--

3-High   2-Medium   1-Low

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LIST OF EXPERIMENTS AND THEIR CO,PO MAPPING

S. No	Name of The Experiment	CO	PO
1	Identify peripherals of a computer.	1	1,2,3,4
2	Develop a word documentation	2	1,2,4,5,12
3	Develop an Excel sheet for student marks	3	1,2,3,4,5,
4	Develop basic programs on power point presentation	4	1,2,3,5,8,9,12
5	Develop basic programs on HTML tag	5	1,2,3,8,9

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Class: AI &DS **Semester: II** **W.E.F-03-04-2023** **LH:-D-210**

	I 9:40-10:30	II 10:30 - 11:20	III 11:20-12:10	12:10-12.45	IV 12.45-1.35	V 1.35-2.25	VI 2.25-3.15	VII 3.15-4.00
MON	CAEG PRACTICE			L U N C H	EC	BEE	EDC	LIBRARY
TUE	EC/BEE LAB				ODE	EC	BEE	BEE(T)/EDC(T)
WED	ITWS LAB				ODE	EDC	BEE	PYTHON(T)
THU	ODE	EC	EDC		EC/BEE LAB			ODE(T)/EC(T)
FRI	BEE	ODE	ODE		CAEG PRACTICE			EDC(T)/ BEE(T)
SAT	EDC	EC	BEE		PYTHON LAB			EC(T)/ODE(T)

Course Code	Course Name	Name of the Faculty	Course Code	Course Name	Name of the Faculty
MA201BS	ODE-Ordinary Differential Equations & Vector Calculus	V.SUJATHA	CH206BS	EC LAB-Engineering Chemistry Laboratory	K.MOUNIKA/V.MOUNIKA
CH203BS	EC-Engineering Chemistry	K.MOUNIKA	EE202ES	BEE LAB-Basic Electrical Engineering Laboratory	G.BHARGAVI/K.RAJASHEKAR
ME201ES	CAEG-Computer Aided Engineering Graphics	A.MALLESH	CS201ES	PYTHON Programming Laboratory	M.TEJASWI/ P.BALU
EE201ES	BEE-Basic Electrical Engineering	G.BHARGAVI	CS203ES	ITWS-IT Workshop	N.KEERTHI CHANDANA/B.SWATHI
EC201ES	EDC-Electronic Devices & Circuits	P.SRILATHA			

Class In-Charge   **Time Table Coordinator**   **Head of The Department**

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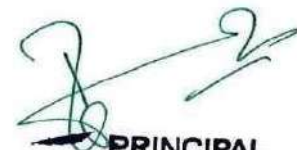**510Website:https://siiet.ac.in/**

LABOCCUPANCYCHART
ITWORKSHOPLAB

	I 9:40-10:30	II 10:30-11:20	III 11:20-12:10	12:10-12.45	IV 12.45-1.35	V 1.35-2.25	VI 2.25-3.15	VII 3.15-4.00
MON	ITWS/EWSLAB(IOT)				ITWS/EWSLAB(CSE-A)			
TUE	ITWS/EWSLAB(DS)				ITWS/EWSLAB(CSE-A)			
WED	ITWS/EWSLAB(AIDS)				ITWS/EWSLAB(DS)			
THU	ITWS/EWSLAB(CSE-B)				ITWS/EWSLAB(AIML-A)			
FRI	ITWS/EWSLAB(AIML-B)				ITWS/EWSLAB(CSE-CS)ITWS/EWSLAB(CSE			
SAT	ITWS/EWSLAB(CSE-CS)/ITWS/EWSLAB(CSE-C)				ITWS/EWSLAB(CSE-B)			

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X3

BR22

Lab External Question paper

Year&Semester:I-II   Branch: AI&DS

Subject Name: IT WORKSHOP LAB   Faculty Name: N.KEERTHI CHANDANA

S.No.	QUESTIONS

1. EverystudentshoulddisassembleandassemblethePCbacktoworkingcondition
2. EverystudentshouldindividuallyinstalloperatingsystemlikeLinuxorMSwindowsonthepersonalcomputer
3. Hardware Troubleshooting
4. Software troubleshooting
5. Orientation & connectivity boot camp
6. Web browsers &surfing the web
7. Search Engines &Netiquette
8. CyberHygieneaboutvirusesontheinternetandinstallanti-virussoftware
9. Develop home page: Student should learn to develop his/her home page using HTML consisting of his/her photo, name, address and education details as a table and his/her skill set as a list.
10. Using Latex and Word to create project certificate Features to be covered:-Formatting Fonts in word, Drop Cap in word, Applying Text effects, Using Character Spacing, Borders and Colors, Inserting Header and Footer, Using Date
11. Creating project abstract Features to be covered: - Formatting Styles, inserting table, Bullets and Numbering,ChangingTextDirection,Cellalignment,Footnote,Hyperlink,Symbols,SpellCheck,Track Changes.
12. Creating a News letter: Features to be covered:-Table of Content, Newspaper columns,
13. Spreadsheet Orientation: Accessing, overview of toolbars, savingspreadsheetfiles,Usinghelpandresources.CreatingaScheduler:-Gridlines,FormatCells,Summation,autofill, Formatting Text
14. Calculating GPA-.Features to be covered:-Cell Referencing, Formulae in spread sheet–average ,std.
15. Creating PowerPoint

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IT WORKSHOP Lab External Time Table with examiners

A.Y.:2022-23   **SEM-II**

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Department Of Computer Science and Engineering
ITWS Lab External Time Table
Examination Branch

A.Y. : 2022-23   SEM-II   GNITC

sno	DATE	Day	Branch	Session	Total No of Students	Remarks Internal Examiner	External Examiner	
1	19-08-23	SATURDAY	DS	FN	62	M.KARUNA	G.Kiran Kumar	94909 47535
2	21-08-23	MONDAY	CSE-A	FN	65	D.SRUTHI	Srujana Bharathi	94407 32023
3	21-08-23	MONDAY	AI&DS	AN	64	T.RAVICHARAN	Srujana Bharathi	
4	22-08-23	TUESDAY	CSE-C	FN	61	D.SRUTHI	Devadas saraswat	86022 76001
5	22-08-23	TUESDAY	AI&ML-B	AN	47	G.SREEKALPANA	Devadas saraswat	
6	23-08-23	WEDNESDAY	CSE-B	FN	65	D.SRUTHI	A.Vishalakshi	70321 46627
7	23-08-23	WEDNESDAY	AI&ML-A	AN	50	G.SREEKALPANA	A.Vishalakshi	
8	24-08-23	THURSDAY	CS	FN	62	G.SREEKALPANA	Chaitanya bharathi	96525 82979
9	24-08-23	THURSDAY	IOT	AN	63	M.KARUNA	Chaitanya bharathi	

FN : 9.40 am to 12.25 pm
AN : 1.00 pm to 4.00 pm

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IT WORKSHOP LAB

Do's

1. Pull the plug itself,notthecordattachedto it

2. Disconnectanyappliancesthatsparkandhaveitrepairedimmediately

3. Alwaysdisconnectappliancesbeforecleaningthem

4. Turnofappliancewhenyou leavehome

5. Cleanapplianceandfreeofdust,lintgrease,

6. Usemoistureresistantcardswhenoutside.

7. Wearrubbersolidshoeswhenoperatingpowertools

8. Followmanufacturer'sinstructionswhenoperatingelectricaldevices.Allelectrical

   devices should carryan under writer's laboratoryapproval tag

9. Makesureoutdoorelectricaloutletsarecoveredwithweatherproofcovers

10. Useextensioncardsonlyfortemporaryapplications

11. Useheavydutycardswhenusingpowertools

12. Keepworkareascleananddry.Sparkscanignitewoodscraps,sawdustand solvents

13. Makesureyourpowertoolsaregroundedorcertifieddoubleinsulated.

14. Whenutilizingadapters,makesuretoscrewinthewireforgrounding.

Don'ts

1. Neverturnonanappliancewhenstandingorsittinginwater.Shockscanbefatal.

2. Neveroverloadacircuitbypluggingintomanyappliances

3. Plugthreewaygroundedplugsintoappropriateoutlets.Nevertamperwiththethirdprong

4. Neverinstallcordsunderrugswheretheywillbecomewarnbyfoottraffic

IT WORK SHOP LAB

PHYSICAL LAB-10 FLOOR PLAN

ROOMNO:D-005   **BLOCK:D**   **FLOOR:G**

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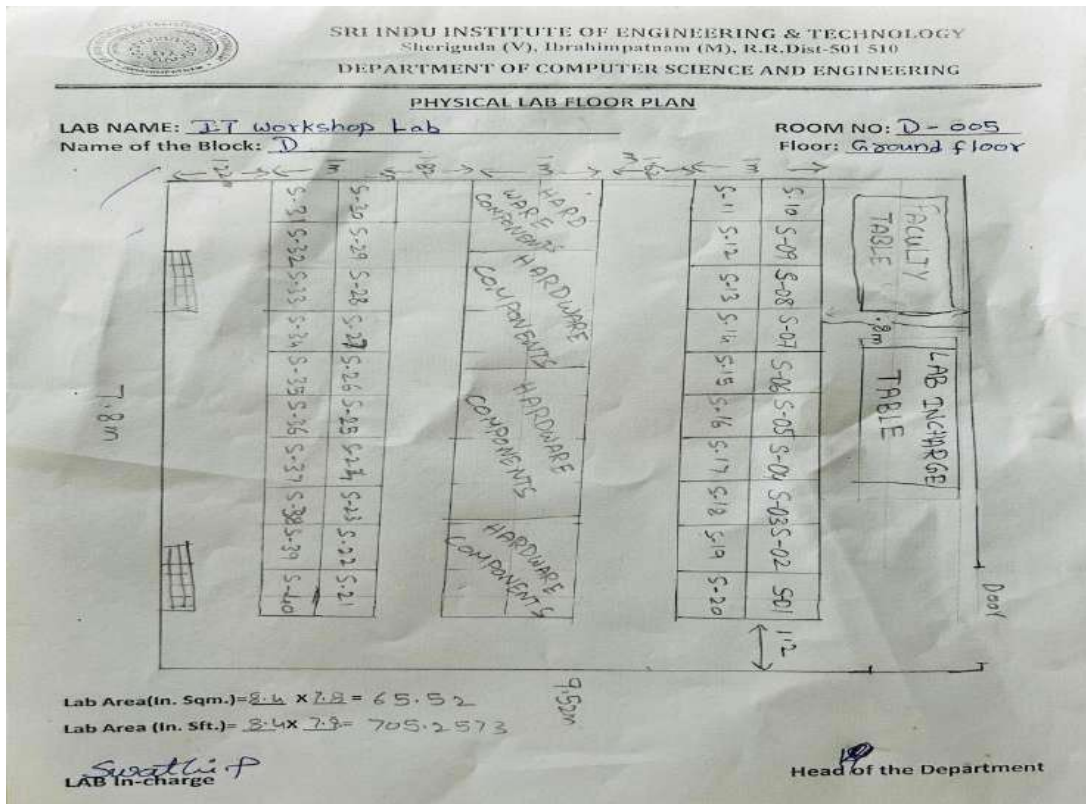**KhalsaIbrahimpatnam,Sheriguda(V),Ibrahimpatnam(M),RangaReddyDist.,Telangana–501**
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LAB MANUAL LINK

https://docs.google.com/document/d/12J2Ke5fjxMRWDyDGve-HA_lQ0vzMN23_/edit?usp=sharing&ouid=116530743316276773401&rtpof=true&sd=true

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Humanities and Sciences

CourseOutcome Attainment(Internal Examination-1)

Name of the faculty: N.KEERTHI CHANDANA   Academic Year: 2022-23

Branch & Section: AI&DS   Examination: I B.TECH II SEM

Lab Course Name: ITWS LAB   LAB INTERNAL

Year/ semester :I -II

S.No	HTNo.	R+O+A	V+V	E+E+R
Max.Marks==>		10	10	10
1	22X31A7201	10	10	6
2	22X31A7202	9	10	4
3	22X31A7203	10	10	6
4	22X31A7204	10	9	6
5	22X31A7205	10	10	6
6	22X31A7206	10	10	7
7	22X31A7207	10	10	6
8	22X31A7208	10	10	6
9	22X31A7209	10	10	7
10	22X31A7210	10	10	6
11	22X31A7211	9	10	5
12	22X31A7212	10	7	5
13	22X31A7213	10	10	5
14	22X31A7214	8	10	6
15	22X31A7215	10	10	7
16	22X31A7216	10	10	4
17	22X31A7217	10	10	6
18	22X31A7218	9	10	6
19	22X31A7219	10	10	5
20	22X31A7220	10	10	6
21	22X31A7221	9	10	4
22	22X31A7222	10	10	6
23	22X31A7223	10	10	6
24	22X31A7224	10	10	5
25	22X31A7225	10	10	7
26	22X31A7226	10	10	7
27	22X31A7227	10	10	7
28	22X31A7228	9	10	6
29	22X31A7229	10	10	5
30	22X31A7230	10	10	4
31	22X31A7231	9	10	7
32	22X31A7232	10	10	6
33	22X31A7233	10	10	7
34	22X31A7234	10	10	7
35	22X31A7235	10	10	8
36	22X31A7236	10	10	6
37	22X31A7237	10	10	6
38	22X31A7238	10	10	8

39	22X31A7239	10	10	7
40	22X31A7240	10	10	5
41	22X31A7241	10	10	6
42	22X31A7242	10	10	7
43	22X31A7243	10	10	5
44	22X31A7244	10	10	6
45	22X31A7245	10	10	6
46	22X31A7246	10	10	5
47	22X31A7247	10	10	5
48	22X31A7248	10	10	6
49	22X31A7249	10	10	6
50	22X31A7250	10	10	7
51	22X31A7251	10	10	6
52	22X31A7252	10	10	6
53	22X31A7253	10	10	6
54	22X31A7254	10	10	6
55	22X31A7255	9	10	6
56	22X31A7256	10	10	5
57	22X31A7257	10	10	6
58	22X31A7258	10	10	5
59	22X31A7259	10	10	6
60	22X31A7260	10	10	5
61	22X31A7261	10	10	5
62	22X31A7262	10	10	6
63	22X31A7263	10	9	6
64	22X31A7264	9	10	4
Targetsetbythefaculty/		6.00	6.00	6.00
Numberofstudents		64	64	64
Percentageofstudents		100%	100%	70%

CO Mapping with Exam Questions:

CO-1	y	y	Y
CO-2	y	y	Y
CO-3	y	y	Y
CO-4			
CO-5			
CO-6			

%StudentsScored>Target %		100%	100%	97%

CO Attainment based on Exam Questions:

CO-1	100%	100%	70%
CO-2	100%	100%	70%
CO-3	100%	100%	70%

CO-4			
CO-5			

CO	Intrnlpractic	E+E+R	OveralI
CO-1	100%	70%	85%
CO-2	100%	70%	85%
CO-3	100%	70%	85%
CO-4			
CO-5			
CO-6			

Attainment(Internal1Examination)=

Level
3
3
3

3

R+O+A:RECORD+OBSERVATION+ATTANDANCE V+V:

VIVA VOICE

E+E+R:EXPERIMENTWRITEUP+EXECUTION+RESULT

Attainment	Level
1	40%
2	50%
3	60%

SRIINDUINSTITUTEOFENGINEERINGANDTECHNOLOGY

Department of Humanities and Sciences

Course Outcome Attainment(InternalExamination-2)

Name of the faculty: N.KEERYHI CHANDANA

Branch & Section: AI&DS

Lab Course Name: ITWS LAB

AcademicYear:202223

Examination:1B.TECH IISEM
LAB INTERNAL-II

Year/semester I-II

S.No	HTNo.	R+O+A	V+V	E+E+R
Max.Marks==>		10	10	10
1	22X31A7201	10	9	9
2	22X31A7202	9	9	8
3	22X31A7203	10	9	9
4	22X31A7204	10	9	8
5	22X31A7205	10	9	8
6	22X31A7206	10	10	7
7	22X31A7207	10	10	8
8	22X31A7208	10	9	8
9	22X31A7209	8	9	5
10	22X31A7210	10	10	8
11	22X31A7211	10	9	8
12	22X31A7212	10	9	8
13	22X31A7213	10	9	8
14	22X31A7214	10	9	6
15	22X31A7215	10	10	9
16	22X31A7216	10	9	9
17	22X31A7217	10	10	8
18	22X31A7218	10	10	8
19	22X31A7219	10	10	9
20	22X31A7220	10	10	9
21	22X31A7221	10	10	8
22	22X31A7222	10	10	9
23	22X31A7223	10	10	9
24	22X31A7224	10	10	8
25	22X31A7225	10	10	6
26	22X31A7226	10	10	7
27	22X31A7227	10	10	9
28	22X31A7228	10	9	8
29	22X31A7229	10	9	8
30	22X31A7230	10	9	9
31	22X31A7231	9	8	7
32	22X31A7232	9	8	5
33	22X31A7233	10	10	8
34	22X31A7234	9	8	6
35	22X31A7235	10	9	8
36	22X31A7236	10	9	8
37	22X31A7237	10	9	8
38	22X31A7238	10	10	7
39	22X31A7239	10	10	8

40	22X31A7240	9	9	8
41	22X31A7241	10	10	8
42	22X31A7242	10	10	9
43	22X31A7243	10	10	9
44	22X31A7244	10	10	9
45	22X31A7245	10	10	8
46	22X31A7246	10	9	8
47	22X31A7247	9	9	8
48	22X31A7248	10	10	9
49	22X31A7249	10	10	9
50	22X31A7250	10	10	8
52	22X31A7251	10	10	9
53	22X31A7252	10	9	8
54	22X31A7253	10	10	9
55	22X31A7254	10	10	8
56	22X31A7255	10	9	8
57	22X31A7256	10	8	8
58	22X31A7257	10	10	9
59	22X31A7258	10	8	8
60	22X31A7259	10	9	8
61	22X31A7260	10	10	8
62	22X31A7261	10	10	8
63	22X31A7262	10	10	8
64	22X31A7263	10	9	8
Target set by the faculty/		6.00	6.00	6.00	#REF!
Number of students		64	64	62	0
Percentage of students		64	64	64	0

COMappingwithExamQuestions:

CO-1				
CO-2				
CO-3				
CO-4	y	y	Y	y
CO-5	y	y	Y	y
CO-6	y	y	Y	y

%StudentsScored>Target %	95%	58%	95%

COAttainmentbasedonExamQuestions:

CO-1				
CO-2				
CO-3				

CO-4	100%	100%	97%	97%
CO-5	100%	100%	97%	97%

CO	Intrnalpractic	E+E+R	ppt	OveralI
CO-1				
CO-2				
CO-3				
CO-4	100%	97%	97%	98%
CO-5	100%	97%	97%	98%
CO-6	100%	97%	97%	98%

Attainment(Internal2Examination)=

Level
3
3
3

3

R+O+A : RECORD+OBSERVATION+ATTANDANCE

V+V: VIVA VOICE

E+E+R:EXPERIMENTWRITEUP+EXECUTION+RESULT

AttainmentLevel	
1	40%
2	50%
3	60%

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Humanities and Sciences
Course Outcome Attainment(University Examinations)

Name of the faculty: N. KEERTHI CHANDANA   Academic Year: 2022-2023

Branch &Section: AI&DS   Year/Semester: I/II

Lab Course Name: ITWS LAB   Examination: UNIVERSITY EXAMINATIONS

S.No	Roll Number	Marks Secured
1	22X31A7201	56
2	22X31A7202	50
3	22X31A7203	55
4	22X31A7204	56
5	22X31A7205	52
6	22X31A7206	56
7	22X31A7207	57
8	22X31A7208	55
9	22X31A7209	56
10	22X31A7210	57
11	22X31A7211	50
12	22X31A7212	55
13	22X31A7213	56
14	22X31A7214	50
15	22X31A7215	57
16	22X31A7216	56
17	22X31A7217	56
18	22X31A7218	56
19	22X31A7219	57
20	22X31A7220	57
21	22X31A7221	54
22	22X31A7222	56
23	22X31A7223	57
24	22X31A7224	56
25	22X31A7225	56
26	22X31A7226	56
27	22X31A7227	57
28	22X31A7228	50
29	22X31A7229	56
30	22X31A7230	56
31	22X31A7231	50
32	22X31A7232	49
33	22X31A7233	57
34	22X31A7234	49
35	22X31A7235	57
36	22X31A7236	57
37	22X31A7237	57
38	22X31A7238	56
39	22X31A7239	57

S. No	Roll Number	Marks Secured
40	22X31A7240	50
41	22X31A7241	57
42	22X31A7242	57
43	22X31A7243	56
44	22X31A7244	56
45	22X31A7245	57
46	22X31A7246	56
47	22X31A7247	54
48	22X31A7248	57
49	22X31A7249	57
50	22X31A7250	57
51	22X31A7251	56
52	22X31A7252	56
53	22X31A7253	57
54	22X31A7254	56
55	22X31A7255	50
56	22X31A7256	56
57	22X31A7257	57
58	22X31A7258	56
59	22X31A7259	57
60	22X31A7260	57
61	22X31A7261	56
62	22X31A7262	57
63	22X31A7263	55
64	22X31A7264	54

Attainment Level	% students
1	40%
2	50%
3	60%

ClassAverage mark	55
Numberofstudentsperformedabovethetarget	45
Number ofsuccessfulstudents	61
Percentageofstudentsscoredmorethantarget	74%
Attainmentlevel	**3**

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Humanities and Sciences

Course Outcome Attainment

Name of the faculty: N.KEERTHICHANDANA

Academic Year: 2022-23

Branch & Section: AI&DS

Year / Semester: I-II

Lab Course Name: ITWSLAB

Course Outcomes	1st Internal Exam	2ndInternal Exam	Internal Exam	University Exam	Attainment Level
CO1	3.00		3.00	3.00	3.00
CO2	3.00		3.00	3.00	3.00
CO3	3.00		3.00	3.00	3.00
CO4		3.00	3.00	3.00	3.00
CO5		3.00	3.00	3.00	3.00
CO6		3.00	3.00	3.00	3.00
Internal& University Attainment:			3.00	3.00	
Weight age			70%	30%	
CO Attainment for the course(Internal, University)			2.10	0.90	
CO Attainment for the course(Direct Method)			3.00		

Overall course attainment level   **3.00**

Department of Humanities and Sciences
Program Outcome Attainment(from Course)

Name of Faculty: N.KEERTHICHANDANA Academic Year: 2022-23
Branch& Section: AI&DS Year/Semester: 1-II
Course Name: ITWSLAB

CO-POmapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	1	2	--	--	--	--	--	--	--	--	--	--
CO2	2	3	--	1	2	--	--	--	--	--	--	3	--	--
CO3	2	1	3	2	1	--	--	--	--	--	--	--	--	--
CO4	3	2	1	--	2	--	--	2	3	--	--	2	--	--
CO5	2	1	3	--	--	--	--	2	3	--	--	--	--	--
CO6	2.4	1.8	2	1.6	1.6	--	--	2	3	--	--	2.5	--	--
Course	**2.40**	**1.80**	**2.00**	**1.65**	**1.65**	###	#####	**2.00**	**3.00**	####	####	**2.50**	#####	####

CO	Course Outcome Attainment
CO1	3.00
CO2	3.00
CO3	3.00
CO4	3.00
CO5	3.00
CO6	3.00
Overallcourseattainmentlevel	3.00

PO-ATTAINMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO Attainment	2.40	1.80	2.00	1.65	1.65	####	######	2.00	3.00	#####	#####	2.50

CO contribution to PO- 33%,67%,100%(Level1/2/3)