

**1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

S. No	Description	Page Number	
		From	To
1.	University Academic calendars	1	3
2.	Sample document of Time tables	4	4
3.	Sample document of Lesson plans	5	12
4.	Sample document of remedial Classes	13	16
5.	Sample document of Project certificates	17	24
6.	Sample Internship certificates	25	26
7.	Sample document of list of Add-on Programs	27	55
8.	Sample document of Internal Exam Time table	56	56
9.	Sample document of University external exam time tables	57	57
10.	Sample document of result analysis	58	59

IQAC



Principal

PRINCIPAL

DRK Institute of Science & Technology  
 Bowrampet, Guntur, Andhra Pradesh - 522 043.

Ganesh

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2023-24

B. Tech II YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork		19.09.2023
2	1 <sup>st</sup> Spell of Instructions (including Dussehra Recess)	19.09.2023	25.11.2023 (10 Weeks)
	<b>Dussehra Recess</b>	23.10.2023	28.10.2023 (1 Week)
3	First Mid Term Examinations	28.11.2023	02.12.2023 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before		08.12.2023
5	2 <sup>nd</sup> Spell of Instructions	04.12.2023	27.01.2024 (8 Weeks)
6	Second Mid Term Examinations	29.01.2024	03.02.2024 (1 Week)
7	Preparation Holidays and Practical Examinations	05.02.2024	09.02.2024 (1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before		07.02.2024
9	End Semester Examinations	12.02.2024	24.02.2024 (2 Weeks)

Note: No. of Working / Instructional Days: 90

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork		26.02.2024
2	1 <sup>st</sup> Spell of Instructions	26.02.2024	29.04.2024 (9 Weeks)
3	First Mid Term Examinations	30.04.2024	04.05.2024 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before		10.05.2024
5	2 <sup>nd</sup> Spell of Instructions (including Summer Vacation)	06.05.2024	12.07.2024 (10 Weeks)
6	<b>Summer Vacation</b>	13.05.2024	25.05.2024 (2 Weeks)
7	Second Mid Term Examinations	15.07.2024	20.07.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	22.07.2024	27.07.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before		24.07.2024
10	End Semester Examinations	29.07.2024	09.08.2024 (2 Weeks)

Note: No. of Working / Instructional Days: 90

REGISTRAR



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**ACADEMIC CALENDAR 2023-24**

**B. Tech./B. Pharm. III YEAR I & II SEMESTERS**

**I SEM**

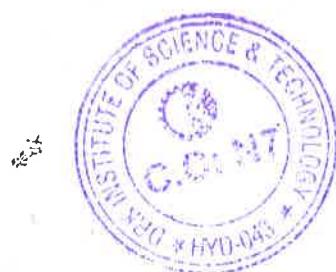
S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork		<b>11.10.2023</b>
2	1 <sup>st</sup> Spell of Instructions (including Dussehra Recess)	11.10.2023	12.12.2023 (9 Weeks)
3	<b>Dussehra Recess</b>	23.10.2023	28.10.2023 (1 Week)
4	First Mid Term Examinations	13.12.2023	19.12.2023 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before		23.12.2023
6	2 <sup>nd</sup> Spell of Instructions	20.12.2023	19.02.2024 (8 Weeks)
7	Second Mid Term Examinations	20.02.2024	24.02.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	26.02.2024	02.03.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before		28.02.2024
10	End Semester Examinations	04.03.2024	16.03.2024 (2 Weeks)

Note: No. of Working/ instructional days: 90

**II SEM**

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork		<b>18.03.2024</b>
2	1 <sup>st</sup> Spell of Instructions	18.03.2024	10.05.2024 (8 Weeks)
3	<b>Summer Vacation</b>	13.05.2024	25.05.2024 (2 Weeks)
4	First Mid Term Examinations	27.05.2024	01.06.2024 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before		06.06.2024
6	2 <sup>nd</sup> Spell of Instructions (including Summer Vacation)	03.06.2024	03.08.2024 (9 Weeks)
7	Second Mid Term Examinations	05.08.2024	09.08.2024 (1 Week)
8	Preparation Holidays and Practical Examinations	12.08.2024	17.08.2024 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before		14.08.2024
10	End Semester Examinations	19.08.2024	31.08.2024 (2 Weeks)

Note: No. of Working/ instructional days: 90



*S. Tanikelly*  
REGISTRAR I/c.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**Revised ACADEMIC CALENDAR 2023-24**

**B. Tech./B. Pharm. IV YEAR I & II SEMESTERS**

**I SEM**

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork		<b>31.07.2023</b>
2	1 <sup>st</sup> Spell of Instructions	31.07.2023	30.09.2023 (8 Weeks)
4	First Mid Term Examinations	03.10.2023	07.10.2023 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before		<b>13.10.2023</b>
6	2 <sup>nd</sup> Spell of Instructions (including Dussehra Recess)	09.10.2023	08.12.2023 (9 Weeks)
7	Dussehra Recess	23.10.2023	28.10.2023 (1 Week)
8	Second Mid Term Examinations	11.12.2023	16.12.2023 (1 Week)
9	Preparation Holidays and Practical Examinations	18.12.2023	23.12.2023 (1 Week)
10	Submission of Second Mid Term Exam Marks to the University on or before		<b>28.12.2023</b>
11	End Semester Examinations	27.12.2023	10.01.2024 (2 Weeks)

Note: No. of Working/instructional days: 92

**II SEM**

S.	Description	Duration	
		From	To
1	Commencement of II Semester classwork		<b>12.01.2024</b>
2	1 <sup>st</sup> Spell of Instructions	12.01.2024	07.03.2024 (8 Weeks)
3	First Mid Term Examinations	11.03.2024	16.03.2024 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before		<b>22.03.2024</b>
5	2 <sup>nd</sup> Spell of Instructions	18.03.2024	18.05.2024 (9 Weeks)
6	Second Mid Term Examinations	20.05.2024	25.05.2024 (1 Week)
7	Preparation Holidays and Practical Examinations	27.05.2024	01.06.2024(1 Week)
8	Submission of Second Mid Term Exam Marks to the University on or before		<b>01.06.2024</b>
9	End Semester Examinations	03.06.2024	15.06.2024 (2 Weeks)

Note: No. of Working/ instructional days: 90

*24/7/23*  
REGISTRAR



Department of Computer science and Engineering

**B.TECH 2<sup>ND</sup> YEAR 1<sup>ST</sup> SEM CSE (AI & ML) TIME TABLE W.E.F 06-NOV-23**

CSM	9:20-10:0	10:00-11:00	11:10-12:00	12:00-12:50	12:50-1:40	1.40-2:30	2:30-3:20	3:20-4:10
MON	MSF	SE	OS	COI		<-OS LAB-->		
TUE	OS	SDC	COA	LIB	DS	MSF	SE	
WED	DS	SE	MSF	SDC	COA	OS	SPORTS	
THU	OS	LIB	SE	DS		<-SE LAB-->		
FRI		<-DSL LAB-->		COA	MSF	DS	COI	

SUBJECT NAME	FACULTY NAME
MSF	MARY FLAVIA
Data Structures	G.JACOB
Computer Organization and Architecture	Dr.NARMADA
Software Engineering	A.RAMU
Operating Systems	N.SOWJANYA
Data Structures LAB	G.JACOB
Software Engineering LAB	A.RAMU
Operating Systems LAB	N.SOWJANYA
Skill Development Course (Node JS/React JS/Django	L.VASAVI
CONSTITUTION OF INDIA(COI)	RAMA SWAMY

**CS405PC: JAVA PROGRAMMING****B.TECH II Year II Sem.**

<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>

**Course Objectives:**

- To introduce the object-oriented programming concepts.
- To understand object-oriented programming concepts, and apply them in solving problems.
- To introduce the principles of inheritance and polymorphism; and demonstrate how they relate to the design of abstract classes
- To introduce the implementation of packages and interfaces
- To introduce the concepts of exception handling and multithreading.
- To introduce the design of Graphical User Interface using applets and swing controls.

**Course Outcomes:**

- Able to solve real world problems using OOP techniques.
- Able to understand the use of abstract classes.
- Able to solve problems using java collection framework and I/o classes.
- Able to develop multithreaded applications with synchronization.
- Able to develop applets for web applications.
- Able to design GUI based applications

**UNIT - I**

**Object-Oriented Thinking-** A way of viewing world – Agents and Communities, messages and methods, Responsibilities, Classes and Instances, Class Hierarchies- Inheritance, Method binding, Overriding and Exceptions, Summary of Object-Oriented concepts. Java buzzwords, An Overview of Java, Data types, Variables and Arrays, operators, expressions, control statements, Introducing classes, Methods and Classes, String handling.

**Inheritance-** Inheritance concept, Inheritance basics, Member access, Constructors, Creating Multilevel hierarchy, super uses, using final with inheritance, Polymorphism-ad hoc polymorphism, pure polymorphism, method overriding, abstract classes, Object class, forms of inheritance- specialization, specification, construction, extension, limitation, combination, benefits of inheritance, costs of inheritance.

**UNIT - II**

**Packages-** Defining a Package, CLASSPATH, Access protection, importing packages.

**Interfaces-** defining an interface, implementing interfaces, Nested interfaces, applying interfaces, variables in interfaces and extending interfaces.

**Stream based I/O (java.io)** – The Stream classes-Byte streams and Character streams, Reading console Input and Writing Console Output, File class, Reading and writing Files, Random access file operations, The Console class, Serialization, Enumerations, auto boxing, generics.

**UNIT - III**

**Exception handling** - Fundamentals of exception handling, Exception types, Termination or resumptive models, Uncaught exceptions, using try and catch, multiple catch clauses, nested try statements, throw, throws and finally, built-in exceptions, creating own exception sub classes.

**Multithreading-** Differences between thread-based multitasking and process-based multitasking, Java thread model, creating threads, thread priorities, synchronizing threads, inter thread communication.

**UNIT - IV**

**The Collections Framework (java.util)-** Collections overview, Collection Interfaces, The Collection classes- Array List, Linked List, Hash Set, Tree Set, Priority Queue, Array Deque. Accessing a Collection via an Iterator, Using an Iterator, The For-Each alternative, Map Interfaces and Classes, Comparators, Collection algorithms, Arrays, The Legacy Classes and Interfaces- Dictionary, Hashtable, Properties, Stack, Vector  
More Utility classes, String Tokenizer, Bit Set, Date, Calendar, Random, Formatter, Scanner

#### UNIT - V

**GUI Programming with Swing –** Introduction, limitations of AWT, MVC architecture, components, containers. Understanding Layout Managers, Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout.

**Event Handling-** The Delegation event model- Events, Event sources, Event Listeners, Event classes, Handling mouse and keyboard events, Adapter classes, Inner classes, Anonymous Inner classes.

**A Simple Swing Application, Applets** – Applets and HTML, Security Issues, Applets and Applications, passing parameters to applets. Creating a Swing Applet, Painting in Swing, A Paint example, Exploring Swing Controls- JLabel and Image Icon, JTextField, **The Swing Buttons-** JButton, JToggleButton, JCheckBox, JRadioButton, JTabbedPane, JScrollPane, JComboBox, Swing Menus, Dialogs.

#### TEXT BOOKS:

1. Java The complete reference, 9<sup>th</sup> edition, Herbert Schildt, McGraw Hill Education (India) Pvt. Ltd.
2. Understanding Object-Oriented Programming with Java, updated edition, T. Budd, Pearson Education.

#### REFERENCE BOOKS:

1. An Introduction to programming and OO design using Java, J. Nino and F.A. Hosch, John Wiley & sons
2. Introduction to Java programming, Y. Daniel Liang, Pearson Education.
3. Object Oriented Programming through Java, P. Radha Krishna, University Press.
4. Programming in Java, S. Malhotra, S. Chudhary, 2<sup>nd</sup> edition, Oxford Univ. Press.
5. Java Programming and Object-oriented Application Development, R. A. Johnson, Cengage Learning.



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

Department of Computer Science and Engineering

Lesson plan

Program Name: Java Programming

AY: 2021-22

Course: CSE

Class/Sem: II-I

Faculty Name: G Srinivas

Regulation: R18

S. No	Topics	Chalk and Talk
L1	UNIT - I Object-Oriented Thinking - Agents and Communities	Chalk & Talk Explanation
L2	Messages and Methods, Responsibilities in OOP	Chalk & Talk Explanation
L3	Classes and Instances, Class Hierarchies	Chalk & Talk Explanation
L4	Inheritance Basics - Concept and Examples	Chalk & Talk Explanation
L5	Method Binding and Overriding - Concepts and Examples	Chalk & Talk Explanation
L6	Exceptions in OOP - Introduction and Handling Basics	Chalk & Talk Explanation
L7	Summary of Object-Oriented Concepts	Chalk & Talk Summary
L8	Java Buzzwords - Platform Independence, Portability, etc.	Chalk & Talk Explanation
L9	Overview of Java - History, Basic Syntax, Features	Chalk & Talk Explanation
L10	Data Types in Java - Primitive and Non-Primitive	Chalk & Talk Explanation
L11	Variables - Declaration, Scope, and Initialization	Chalk & Talk Explanation
L12	Arrays in Java - One-Dimensional and Multi-Dimensional Arrays	Chalk & Talk Explanation
L13	Operators and Expressions - Arithmetic, Logical, Relational	Chalk & Talk Explanation





( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

Department of Computer Science and Engineering

L14	Control Statements - if, else, switch, loops (for, while, do-while)	Chalk & Talk Explanation
L15	Defining Classes - Syntax, Structure, and Examples	Chalk & Talk Explanation
L16	Methods in Java - Declaration, Calling, and Overloading	Chalk & Talk Explanation
L17	Constructors - Default, Parameterized, and Overloading	Chalk & Talk Explanation
L18	Access Modifiers - Public, Private, Protected, Default	Chalk & Talk Explanation
L19	Static Methods and Variables - Concepts and Examples	Chalk & Talk Explanation
L20	Final Keyword - Usage in Variables, Methods, and Classes	Chalk & Talk Explanation
L21	String Handling in Java - String Class, StringBuffer, StringBuilder	Chalk & Talk Explanation
L22	Inheritance Concept - Basics and Real-World Examples	Chalk & Talk Explanation
L23	Member Access and Inheritance - Understanding the Hierarchy	Chalk & Talk Explanation
L24	Constructors in Inheritance - Super Keyword, Constructor Chaining	Chalk & Talk Explanation
L25	Creating Multilevel Hierarchy - Examples and Exercises	Chalk & Talk Explanation
L26	Using final with Inheritance - Preventing Overriding and Inheritance	Chalk & Talk Explanation
L27	Polymorphism - Ad Hoc and Pure Polymorphism, Method Overriding	Chalk & Talk Explanation
L28	Abstract Classes and Object Class - Usage and Examples	Chalk & Talk Explanation
L29	Forms of Inheritance - Specialization, Specification	Chalk & Talk Explanation



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

Department of Computer Science and Engineering

L30	Forms of Inheritance - Construction, Extension, Limitation, Combination	Chalk & Talk Explanation
L31	Benefits and Costs of Inheritance - When and Why to Use Inheritance	Chalk & Talk Explanation
L32	Review of Inheritance Concepts	Chalk & Talk Summary
L33	<b>UNIT - II</b> Defining a Package - Creating and Accessing Packages	Chalk & Talk Explanation
L34	CLASSPATH - Understanding and Setting Up	Chalk & Talk Explanation
L35	Access Protection in Java - Public, Private, Protected, Default in Packages	Chalk & Talk Explanation
L36	Importing Packages - Built-In and User-Defined Packages	Chalk & Talk Explanation
L37	Defining and Implementing Interfaces - Basics	Chalk & Talk Explanation
L38	Nested Interfaces - Concept and Usage	Chalk & Talk Explanation
L39	Applying Interfaces - Practical Examples and Exercises	Chalk & Talk Explanation
L40	Variables in Interfaces - Constants and Final Variables	Chalk & Talk Explanation
L41	Extending Interfaces - Inheritance in Interfaces	Chalk & Talk Explanation
L42	Stream-Based I/O - Introduction to java.io Package	Chalk & Talk Explanation
L43	Byte Streams and Character Streams - Reading and Writing Data	Chalk & Talk Explanation
L44	Console I/O - Reading Input and Writing Output to Console	Chalk & Talk Explanation
L45	File Handling in Java - File Class, Reading, and Writing Files	Chalk & Talk Explanation
L46	Random Access File Operations and Serialization	Chalk & Talk Explanation



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

Department of Computer Science and Engineering

L47	Enumerations in Java - Enum Type, Usage, and Examples	Chalk & Talk Explanation
L48	Autoboxing and Unboxing - Concepts and Practical Examples	Chalk & Talk Explanation
L49	Introduction to Generics - Type Safety, Benefits, and Usage	Chalk & Talk Explanation
L50	Generics in Classes and Methods - Examples and Exercises	Chalk & Talk Explanation
L51	Wildcards in Generics - Understanding Bounded and Unbounded Wildcards	Chalk & Talk Explanation
L52	Review and Practice Problems on Packages and Interfaces	Chalk & Talk Practice
L53	<b>UNIT - III</b> Fundamentals of Exception Handling - Try, Catch, and Finally	Chalk & Talk Explanation
L54	Exception Types - Checked, Unchecked, and Custom Exceptions	Chalk & Talk Explanation
L55	Termination vs. Resumptive Models - Concepts and Differences	Chalk & Talk Explanation
L56	Multiple Catch Clauses and Nested Try Statements	Chalk & Talk Explanation
L57	Throw, Throws, and Finally - Usage and Examples	Chalk & Talk Explanation
L58	Built-in Exceptions - Handling Common Exceptions in Java	Chalk & Talk Explanation
L59	Creating Own Exception Subclasses - Custom Exception Handling	Chalk & Talk Explanation
L60	Multitasking in Java - Thread-Based vs. Process-Based	Chalk & Talk Explanation
L61	Java Thread Model - Life Cycle of a Thread	Chalk & Talk Explanation
L62	Creating Threads - Extending Thread Class and Implementing Runnable Interface	Chalk & Talk Explanation



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

Department of Computer Science and Engineering

L63	Thread Priorities - Setting and Getting Thread Priorities	Chalk & Talk Explanation
L64	Synchronizing Threads - Synchronized Methods and Blocks	Chalk & Talk Explanation
L65	Inter-Thread Communication - wait(), notify(), notifyAll()	Chalk & Talk Explanation
L66	Review and Practice Problems on Exception Handling and Multithreading	Chalk & Talk Practice
L67	Quiz on Exception Handling and Multithreading	Chalk & Talk Quiz
L68	Mid-Term Review of Units I-III	Chalk & Talk Review
L69	<b>UNIT – IV</b> Collections Overview - Introduction to java.util Package	Chalk & Talk Explanation
L70	Collection Interfaces - List, Set, Queue, Map	Chalk & Talk Explanation
L71	Collection Classes - ArrayList, LinkedList, HashSet, TreeSet, PriorityQueue	Chalk & Talk Explanation
L72	ArrayDeque, Accessing Collections via an Iterator	Chalk & Talk Explanation
L73	Using an Iterator - For-Each Alternative, Comparators	Chalk & Talk Explanation
L74	Collection Algorithms - Sorting, Searching, and More	Chalk & Talk Explanation
L75	Arrays, Legacy Classes, and Interfaces - Dictionary, Hashtable, Properties	Chalk & Talk Explanation
L76	More Utility Classes - StringTokenizer, BitSet, Date, Calendar, Random	Chalk & Talk Explanation
L77	<b>UNIT - V</b> GUI Programming with Swing – Introduction, AWT Limitations, MVC Architecture	Chalk & Talk Explanation
L78	Understanding Layout Managers – Flow Layout, Border Layout, Grid Layout, Card Layout, Grid Bag Layout	Chalk & Talk Explanation



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

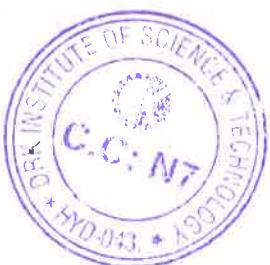
Department of Computer Science and Engineering

L79	Event Handling – The Delegation Event Model, Event Sources, Event Listeners	Chalk & Talk Explanation
L80	Handling Mouse and Keyboard Events, Adapter Classes, Inner Classes, Anonymous Inner Classes	Chalk & Talk Explanation
L81	A Simple Swing Application, Applets – Applets and HTML, Security Issues	Chalk & Talk Explanation
L82	Applets and Applications, Passing Parameters to Applets, Creating a Swing Applet	Chalk & Talk Explanation
L83	Painting in Swing, A Paint Example	Chalk & Talk Explanation
L84	Exploring Swing Controls – JLabel, ImageIcon, JTextField, JButton, JToggleButton, JCheckBox, JRadioButton	Chalk & Talk Explanation
L85	Exploring Swing Controls – JTabbedPane, JScrollPane, JList, JComboBox, Swing Menus, Dialogs	Chalk & Talk Explanation
L86	Practical Examples and Exercises on Swing Controls	Chalk & Talk Practice
L87	Review and Practice Problems on GUI Programming with Swing	Chalk & Talk Practice
L88	Final Review and Comprehensive Exam Preparation	Chalk & Talk

  
Staff

  
Hod CSE

  
Principal  
PRINCIPAL  
DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500 043.





(Approved by AICTE & Affiliated to JNTUH)  
( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

## Department of Electronics and Communication Engineering

### Notice

Date: 10/10/2022

This is to inform all students with backlog subjects that remedial classes have been scheduled to help you prepare for your upcoming exams and clear your backlog subjects. These classes are designed to provide additional academic support and cover the essential topics from the relevant subjects.

The following student were recognized as weaker students, classes will be conducted in order to improve their academics.

S. No	HT. No	Student Name	Signature
1	20N71A0407	CHLAVANYA HARICHANDANA	Lavanya
2	20N71A0409	CHI AJAY REDDY	Ajay Reddy
3	20N71A0409	D MANIDEEP KUMAR	Manideep
4	20N71A0413	D YASWANTH	D-Yashwanth
5	20N71A0416	J JOHN HIDE	John
6	20N71A0418	K SAI DURGA	Sai Durga
7	20N71A0424	PEDDINTI ARVIND	P-Arvind

#### Schedule

Start Date: 17/10/22 TO 28/10/22

Venue: room no 207

Subjects to be Covered: signals& systems

Kiran  
HOD ECE

Pravin  
PRINCIPAL  
DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500 043.



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

### Department of Electronics and Communication Engineering

#### Attendance sheet

S. No	HT. No	Student Name	1	2	3	4	5	6	7	8	9	10	11
1	20N71A0407	CHLAVANYA HARICHANDANA	P	P	P	P	P	P	P	A	A	P	P
2	20N71A0409	CHI AJAY REDDY	P	P	P	P	P	P	P	P	A	P	S
3	20N71A0409	D MANIDEEP KUMAR	P	P	P	P	P	P	P	P	P	P	P
4	20N71A0413	D YASWANTH	P	P	P	A	P	P	P	P	P	P	P
5	20N71A0416	J JOHN HIDE	P	P	P	P	P	P	P	P	P	P	P
6	20N71A0418	K SAI DURGA	P	P	P	P	P	P	P	P	P	P	P
7	20N71A0424	PEDDINTI ARVIND	P	P	P	P	P	P	P	P	P	P	P

Kiran  
HOD

*lm*  
PRINCIPAL  
DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500 043.



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

### Department of Computer science and Engineering

#### Attendance sheet

S. No	HT. No	Student Name	1	2	3	4	5	6	7	8	9	10
1	20N71A0502	Aavu Bhavani	P	P	P	A	P	P	P	P	D	P
2	20N71A0504	A Yashwanth Goud	P	P	D	P	P	P	P	P	P	P
3	20N71A0505	Anuj Kumar	P	A	P	P	P	P	P	P	A	P
4	20N71A0507	Avula Kishore	A	P	P	P	P	P	P	P	P	P
5	20N71A0577	K Venu	P	P	P	P	P	A	P	P	P	P
6	20N71A0529	K Sneha	P	P	P	P	D	P	P	P	P	A
7	20N71A0531	K Lakshmi Mounika	P	P	P	P	P	P	D	A	P	P
8	20N71A0535	N Koushik	P	P	P	D	P	P	D	P	P	P
9	20N71A0540	M Sreeja	P	P	P	L	P	P	P	A	D	P
10	20N71A0561	S Bharath Kumar	P	P	A	P	P	P	P	P	P	P

Sowjanya  
HOD CSE

*lsw*  
PRINCIPAL  
DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500 043.



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

## Department of Computer science and Engineering

### Notice

Date: 03/10/2022

This is to inform all students with backlogs that remedial classes have been scheduled to help you prepare for your upcoming exams and clear your backlogs. These classes are designed to provide additional academic support and cover the essential topics from the relevant subjects.

The following student were recognized as weaker students, classes will be conducted in order to improve their academics.

S. No	Hall Ticket No	Student Name	Signature
1	20N71A0502	Aavu Bhavani	Bhavani
2	20N71A0504	A Yashwanth Goud	A yashwanth
3	20N71A0505	Anuj Kumar	Anuj Kumar
4	20N71A0507	Avula Kishore	Avula Kishore
5	20N71A0577	K Venu	Venu
6	20N71A0529	K Sneha	Sneha
7	20N71A0531	K Lakshmi Mounika	K. L. Mounika
8	20N71A0535	N Koushik	Koushik
9	20N71A0540	M Sreeja	Sreeja
10	20N71A0561	S Bharath Kumar	Bharath Kumar

### **Schedule**

**Start Date:**05/10/2022 To 15/10/2022

**Venue:** Room no 107

**Subjects Covered:** Discrete Mathematics

*Sowjanya*  
HOD CSE

*Amr*  
PRINCIPAL

DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500-043

CSD

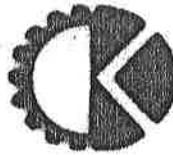
**DRK INSTITUTE OF SCIENCE AND TECHNOLOGY**

(Affiliated to JNTUH, Hyderabad)

Bowrampet(v), Via Force Academy

Hyderabad-500043

**CERTIFICATE**



This to certify that the project report entitled "**The Impact And Response Of Artificial Intelligence On Theory Of Enterprise Management**" is a bonafide record of the project work done and submitted by **V.RACHANA (21N75A6707), P.LOKESH (20N71A6708), K.RAJESH (20N71A6703), K.SWATHI (20N71A6704), N.SATHVIK (20N71A6707)**, For the partial fulfillment of the requirement for the award of B.Tech. Degree in **COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)**, JNTUH for the academic year 2023-2024

*Sowjanya*  
**INTERNAL GUIDE**  
N.SOWJANYA  
(Assistant Professor)

*K.PRAVEEN*  
**HEAD OF THE DEPARTMENT**  
K.PRAVEEN  
(Associate Professor)

*[Signature]*  
**EXTERNAL EXAMINAR**



## DRK INSTITUTE OF SCIENCE AND TECHNOLOGY

BOWRAMPET (V) VIA AIRFORCE ACADEMY, HYDERABAD - 500043

Mobile : +91-9000711899, +91-8500711899, EAN: 684183432292 Website:

22

(Approved by AICTE, Affiliated to JNTUH)

DATE: 12-8-2024

### CERTIFICATE

This is to certify that the Project carried out at "ACCENTURE" BY "BANDROLLU MAHESHWARI" 22N71E0005, submitted in partial fulfilment of the requirements for the post graduate degree of **MASTER OF BUSINESS ADMINISTRATION** of "DRK INSTITUTE OF SCIENCE AND TECHNOLOGY" Affiliated to JNTUH HYDERABAD, during the academic year 2023-2024 is a bonafide record of work carried out under the guidance and supervision of Assistant Professor Ms.SUSEELA GRACE PADMA

Internal Guide

( MS.SUSEELA GRACE PADMA )

Assistant Professor

HOD/ MBA

( Dr. P. Prasanthi)

Associate Professor

5/08/24

External Examiner

Principal

( Dr. K. Venkata Subbaiah)

Professor



## DRK INSTITUTE OF SCIENCE AND TECHNOLOGY

(Approved by AICTE & Affiliated JNTUH)

Bowrampet, Near Pragathinagar, Hyderabad – 500043.

### DEPARTMENT OF MECHANICAL ENGINEERING

### CERTIFICATE

This is to certify that the project report entitled "DESIGN AND THERMAL ANALYSIS OF PISTON" is being submitted by B. MOHAN KUMAR (20N75A0307), G. PURUSHOTHAM (20N75A0316), M. THUKARAM (20N75A0331), V. SHIVANAND (20N75A0347), K.CHANDRA SHEKAR (20N75A0320) In partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering, to the DRK INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad is a bonafide work carried out by him/her under my guidance and supervision.

The Result embodied in this report has not been submitted to any other University or Institution for the award of any degree.

  
PRINCIPAL

(K. VENKATA SUBBAIAH)

HOD

(BHUMIREDDY

RAVINDRA REDDY)

PROJECT GUIDE

(Dr. PAVAN BAGALI)

EXAMINER



## CERTIFICATE

This is to certify that the project report entitled **RANSOMWARE CLASSIFICATION AND DETECTION WITH MACHINE LEARNING ALGORITHMS** Being submitted by Mr. R. ADITYA (20N71A0558), Mr. R. VEDHANTH (21N75A0522), Mrs. T.BHUVANESHWARI (21N75A0529), Mr. T. KURUMURTHI (20N71A0568) In particular fulfillment for the award of the Degree of Bachelors of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University is a record of bonafied work carried out by him under my guidance and supervision.

The results embodied in the project report have not been submitted to any other University or Institution for the award of any Degree or Diploma.

*V. Suman*  
INTERNAL GUIDE

MR.V. SUMAN

(ASSISTANT PROFESSOR)

*K. Praveen*  
HEAD OF DEPARTMENT  
MR. K. PRAVEEN

(Associate Professor)

*S. M*  
EXTERNAL EXAMINER

ECE

# DRK INSTITUTE OF SCIENCE AND TECHNOLOGY

(Affiliated to JNTUH, Hyderabad)

Bowrampet (v), Via Force Academy

Hyderabad-500043

## CERTIFICATE

This to certify that the project report entitled "INDOOR POSITIONING SYSTEM USING BLUETOOTH LOW ENERGY" is a bonafide record of the project work done and submitted by

P SAI SUDEEP 20N71A0423

B VINOD KUMAR 21N75A0409

E PRATHUSHA 21N75A0416

A MADHAVI 20N71A0401

For the partial fulfilment of the requirement for the award of B.Tech. Degree in  
**ELECTRONICS AND COMMUNICATION ENGINEERING, JNT University**

Hyderabad, for the academic year 2023-2024

GUIDE

*M. Srinivasulu*  
Head of the Department

External Viva-Voce Exam Held on \_\_\_\_\_

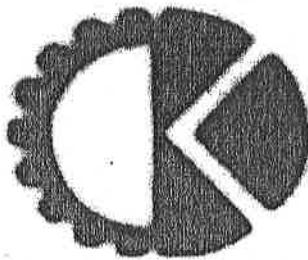
*H. R. N. S.*  
EXTERNAL EXAMINER

# **DRK INSTITUTE OF SCIENCE AND TECHNOLOGY**

**(Affiliated to JNTUH, Hyderabad)**

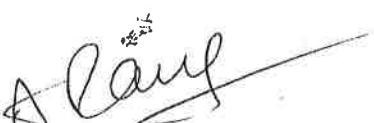
**Bowrampet (v), Via Force Academy**

**Hyderabad-500043**



## **CERTIFICATE**

This to certify that the project report entitled "**PREDICTING FLIGHT DELAYS WITH ERROR CALCULATION USING MACHINE LEARNED CLASSIFIERS**" is a bonafiderecord of the project work done and submitted by AFSHIYA TAHREEN (20N71A6601) B.CHANDRAKALA (21N75A6602) S.AHAMMAD RAZA (20N71A6633) S.NAGARAJU (20N71A6635). For the partial fulfilment the requirement for the award of B.Tech. Degree in **COMPUTER SCIENCE ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)**, JNT University Hyderabad, for the academic year 2023-2024

  
**INTERNAL GUIDE**

**Mrs. A.RAMU**  
(ASSISTANT PROFESSOR)

  
**HEAD OF THE DEPARTMENT**

**MR. K. PRAVEEN**  
(ASSOCIATE PROFESSOR)

  
**EXTERNAL EXAMINER**

Mech



## DRK INSTITUTE OF SCIENCE AND TECHNOLOGY

(Approved by AICTE & Affiliated JNTUH)

Bowrampet, Near Pragathinagar, Hyderabad – 500043.

### DEPARTMENT OF MECHANICAL ENGINEERING

### CERTIFICATE

This is to certify that the project report entitled "DESIGN AND THERMAL ANALYSIS OF PISTON" is being submitted by B. MOHAN KUMAR (20N75A0307), G. PURUSHOTHAM (20N75A0316), M. THUKARAM (20N75A0331), V. SHIVANAND (20N75A0347), K.CHANDRA SHEKAR (20N75A0320) In partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering, to the DRK INSTITUTE OF SCIENCE AND TECHNOLOGY, Hyderabad is a bonafide work carried out by him/her under my guidance and supervision.

The Result embodied in this report has not been submitted to any other University or Institution for the award of any degree.

  
PRINCIPAL

(K. VENKATA SUBBAIAH)

  
HOD

(BHUMIREDDY  
RAVINDRA REDDY)

  
PROJECT GUIDE

(Dr. PAVAN BAGALI)

  
EXAMINER

2020-2023

**DRK INSTITUTE OF SCIENCE AND TECHNOLOGY**

(Approved by AICTE & Affiliated JNTUH)

Bowrampet, Near Pragathinagar, Hyderabad – 500043.



**DEPARTMENT OF MECHANICAL ENGINEERING**

**CERTIFICATE**

This is to certify that the project report entitled "**MODELLING AND STRUCTURAL ANALYSIS OF CAM SHAFT**" is being submitted by **J. JITHENDER (20N75A0318)**, **CH. RAVITEJA (20N75A0312)**, **D. NITHIN KUMAR (20N75A0314)**, **N. UDAY KIRAN (20N75A0336)**, **R. BHOOPATHI(20N75A0343)** in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering, to the **DRK INSTITUTE OF SCIENCE AND TECHNOLOGY**, Hyderabad is a bonafide work carried out by him/her under my guidance and supervision.

The Result embodied in this report has not been submitted to any other University or Institution for the award of any degree.

  
**PRINCIPAL**

**(K. VENKATA SUBBAIAH)**

  
**HOD**

**BHUMIREDDY  
RAVINDRAREDDY**

  
**PROJECT GUIDE**

**(Dr.A. PRASAD)**

  
**EXAMINER**

SkillForge E-Learning Solutions Pvt Ltd

# CERTIFICATE

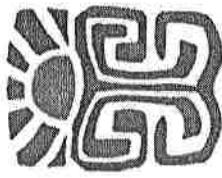
## of Course Completion

Proudly Presented To :

### Thallapelly Abhinaya

In recognition of his/her hard work & dedication in  
completing the Web Development course  
from 01-04-2024 to 31-05-2024.

In Collaboration With :



TECHNEX'24



### SkillForge

Certificate ID : 823855336

Awarded On : 20-06-2024

Bharath K Godha

Bharath Kumar  
(Academic Head)

# CERTIFICATE

## of Internship Completion

Proudly Presented To:

### Thatthari Nikith Chandra

Has successfully completed Internship in Web Development from 15-04-2024 to 15-06-2024. During his/her internship, the student was found to be dedicated, hardworking and intelligent.



Certificate ID : 3328098768

Awarded On : 22-06-2024

Bharath K Godha

Bharat Kumar  
(Academic Head)



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

## Department of Computer science and Engineering (Data science)

Ref.NO: DRKIST/CSD/AOP/2022-23/01

Date:14/08/2022

### CIRCULAR

Department of CSE (Data Science) organizing “A Two-Week Certification Course on Cybersecurity Data Analytics” for all CSE(DS) students. Interested students can enroll their name to Mr. G. Srinivas (Program coordinator) on or before 20/08/2022. Certificate will be issued to the students after successful completion of the course. The details contents of the course and other information is attached herewith.

S. No	Name of the Course	Date of Commencement	Venue
1.	A Two-Week Certification Course on Cybersecurity Data Analytics	05/09/2022	Seminar Hall

#### Copy to

1. Office Room.
2. Exam Cell.
3. Library.
4. Head of CSE Dept.
5. Head of CSE (AI & ML)
6. Head of EEE Dept.
7. Head of Mech Dept.
8. Head of S&H Dept.
9. Head of MBA Dept.



*Girish*  
**PRINCIPAL**  
DRK Institute of Science & Technology  
Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043

## **ABOUT THE DRKIST**

The DRK Institute of Science and Technology's journey of success began in 2004 under the visionary leadership of Mr. D.B. Chandra Sekhar Rao, who founded the institute in honor of his late father, Sri Dasari Rama Kotaiah Garu. Mr. D.B. Chandra Sekhar Rao, a distinguished entrepreneur, established the institute with a commitment to high-quality education, aiming to contribute to the nation's economic and industrial growth. As part of the DRK Educational Society, the institute has invested significantly in infrastructure, academic resources, and career development, fostering a dynamic learning environment that enhances students' conceptual and technical skills for modern challenges.

## **ABOUT THE CSE DEPARTMENT**

The Department of Computer Science and Engineering (Data Science) at DRK Institute of Science and Technology was established in 2020 and offers undergraduate programs to students from both urban and rural areas across India. It boasts well-equipped computing laboratories and a comprehensive range of software and hardware applications. Emphasizing fundamental learning and the latest technologies, the department fosters creativity by encouraging students to engage in projects of varying complexity. DRK values this field highly and supports it by offering a dedicated course.

## **ABOUT THE CERTIFICATE PROGRAM**

Two-week certification course on Cybersecurity Data Analytics equips participants with skills to analyze and interpret security data, detect threats, and respond effectively. The program covers basics of cybersecurity and data analytics, hands-on labs with industry tools, and practical techniques for threat detection. It's ideal for IT professionals and data analysts seeking to specialize in cybersecurity.

### **TOPICS TO BE COVERED**

- Day 1: Introduction to Cybersecurity Data Analytics
- Day 2: Cybersecurity Fundamentals
- Day 3: Data Collection and Preprocessing
- Day 4: Exploratory Data Analysis (EDA)
- Day 5: Anomaly Detection Techniques
- Day 6: Machine Learning for Anomaly Detection
- Day 7: Threat Intelligence
- Day 8: Security Data Visualization
- Day 9: Case Studies in Cybersecurity Data Analytics
- Day 10: Practical Applications and Tools
- Day 11: Hands-on Project Work
- Day 12: Final Project Presentation and Review

# **A TWO WEEKS CERTIFICATION COURSE ON Cybersecurity Data Analytics**

**5<sup>TH</sup> SEPTEMBER 2022 TO  
17<sup>TH</sup> SEPTEMBER 2022**

**Organized by CSE Department**



**BOWRAMPET(V), VIA AIRFORCE ACADEMY,  
HYDERABAD-500043**  
Mobile: +91-9000711899, +91-8790711899,  
Website: [www.drkist.edu.in](http://www.drkist.edu.in) (Approved by AICTE,  
Affiliated to JNTUH)



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

## Department of Computer science and Engineering (Data science)

**Course Title: A Two-Week Certification Course on Cybersecurity Data Analytics**  
Week schedule

S. No		Topics to be covered
1	Week 1: Fundamentals and Core Techniques	Day 1: Introduction to Cybersecurity Data Analytics
2		Day 2: Cybersecurity Fundamentals
3		Day 3: Data Collection and Preprocessing
4		Day 4: Exploratory Data Analysis (EDA)
5		Day 5: Anomaly Detection Techniques
6		Day 6: Machine Learning for Anomaly Detection
7	Week 2: Advanced Techniques and Applications	Day 7: Threat Intelligence
8		Day 8: Security Data Visualization
9		Day 9: Case Studies in Cybersecurity Data Analytics
10		Day 10: Practical Applications and Tools
11		Day 11: Hands-on Project Work
12		Day 12: Final Project Presentation and Review

Lec 1 to 12

  
PROGRAM COORDINATOR

  
HOD CSE(DS)

  
PRINCIPAL

  
PRINCIPAL  
DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500 043.



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

## Department of Computer science and Engineering (Data science)

Course Name: A Two-Week Certification Course on Cybersecurity Data Analytics

### Syllabus

S. No	Content	Dates
1	<p>Day 1: Introduction to Cybersecurity Data Analytics</p> <ul style="list-style-type: none"><li>• Overview of cybersecurity data analytics</li><li>• Importance and applications of data science in cybersecurity</li><li>• Course objectives and structure</li></ul>	05/09/2022
2	<p>Day 2: Cybersecurity Fundamentals</p> <ul style="list-style-type: none"><li>• Common threats and vulnerabilities</li><li>• Cybersecurity frameworks and standards</li><li>• Basics of network security</li></ul>	06/09/2022
3	<p>Day 3: Data Collection and Preprocessing</p> <ul style="list-style-type: none"><li>• Types of cybersecurity data</li><li>• Data collection methods and tools</li><li>• Data cleaning and preprocessing techniques</li></ul>	07/09/2022
4	<p>Day 4: Exploratory Data Analysis (EDA)</p> <ul style="list-style-type: none"><li>• Introduction to EDA</li><li>• Techniques for EDA</li><li>• Visualizing cybersecurity data</li></ul>	08/09/2022
5	<p>Day 5: Anomaly Detection Techniques</p> <ul style="list-style-type: none"><li>• Introduction to anomaly detection</li><li>• Statistical methods for anomaly detection</li><li>• Machine learning methods for anomaly detection</li></ul>	09/09/2022
6	<p>Day 6: Machine Learning for Anomaly Detection</p> <ul style="list-style-type: none"><li>• Supervised vs unsupervised learning</li><li>• Clustering techniques (e.g., K-means)</li><li>• Implementing anomaly detection models</li></ul>	10/09/2022



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

### Department of Computer science and Engineering (Data science)

7	Day 7: Threat Intelligence <ul style="list-style-type: none"><li>• Overview of threat intelligence</li><li>• Collecting and analyzing threat data</li><li>• Using threat intelligence for proactive defense</li></ul>	12/09/2022
8	Day 8: Security Data Visualization <ul style="list-style-type: none"><li>• Principles of effective data visualization</li><li>• Tools for visualizing security data</li><li>• Creating interactive dashboards</li></ul>	13/09/2022
9	Day 9: Case Studies in Cybersecurity Data Analytics <ul style="list-style-type: none"><li>• Review of real-world case studies</li><li>• Lessons learned and best practices</li><li>• Discussion and analysis</li></ul>	14/09/2022
10	Day 10: Practical Applications and Tools <ul style="list-style-type: none"><li>• Practical tools for cybersecurity data analytics (e.g., SIEM, Splunk)</li><li>• Integrating data science techniques with cybersecurity tools</li><li>• Hands-on session with selected tools</li></ul>	15/09/2022
11	Day 11: Hands-on Project Work <ul style="list-style-type: none"><li>• Defining project objectives and scope</li><li>• Implementing a cybersecurity data analytics project</li><li>• Guidance and troubleshooting</li></ul>	16/09/2022
12	Day 12: Final Project Presentation and Review <ul style="list-style-type: none"><li>• Presentation of final projects</li><li>• Peer review and feedback</li><li>• Course review and wrap-up</li></ul>	17/09/2022

PROGRAM COORDINATOR

  
HOD  
PRINCIPAL

PRINCIPAL  
DRK Institute of Science & Technology  
Bowrampet, Quthbullapur, Hyderabad-500 043.



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

## **Department of Computer science and Engineering (Data science)**

A Two-Week Certification Course on Cybersecurity Data Analytics

### Signature Sheet

S No	Name	Year	Signature
1	ATLURI VIGNESHWAR RAO	III YEAR	A. Vigneshwar Rao
2	J RAJESHWARI	III YEAR	J. Rajeswari
3	K RAJESH	III YEAR	K. Rajesh
4	KICHUGARI SWATHI	III YEAR	K. Swathi
5	KOPPALA JAWAHAR JOVAH	III YEAR	Jawahar Jovah
6	LAXMAIGHARI HANISH	III YEAR	Hanish
7	NARRA SATHVIK REDDY	III YEAR	Sathvik Reddy
8	PUPPALA LOKESH	III YEAR	Lokesh
9	RAVIKOTI MATAM ABHISHEK ANAND	III YEAR	R. Abhishek Anand
10	SAIKRISHNA REDDY	III YEAR	SaiKrishna Reddy
11	SAMALA RAKESH	III YEAR	Rakesh
12	VEERABOINA PRAVALIKA	III YEAR	Pravalika
13	KASARAM NEHA	III YEAR	Neha
14	KOTHI VIVEK VARDHAN REDDY	III YEAR	Vivek
15	SAMANTAKURTI GNANA DEEPTI	III YEAR	S. Gnana Deepthi
16	THOTA POOJITHA	III YEAR	Poojitha
17	VAJROJU AJITH KUMAR	III YEAR	Ajith
18	VANMA RACHANA	III YEAR	Rachana
19	YANAMANDRA BHUVAN SAI	II YEAR	Bhuvan Sai
20	AAVULA AKSHAYA	II YEAR	Akshaya
21	AAVULA TEJASWI	II YEAR	Tejaswi
22	AFSHA TAMKINAT	II YEAR	A. Tamkinat
23	AKULA MAHENDRA	II YEAR	Mahendra
24	BADDIREDDY KRISHNA	II YEAR	Krishna
25	BAKKA KRANTHI SAI KIRAN KUMAR	II YEAR	Sai Kiran
26	BHASA KISHORE KUMAR	II YEAR	Kishore
27	BOLLAM SUMANTH	II YEAR	Sumanth
28	CHEEKATLA AKSHAYA	II YEAR	Akshaya
29	CHIDURUPADU AKHILA	II YEAR	C. Akhila
30	CHIKKELA SHIVA PRASAD	II YEAR	Shiva
31	DEVSOTH GEETHA	II YEAR	Geetha
32	DHARNA LAXMI NARAYANA	II YEAR	Laxmi
33	GUNDA SAI KIRAN	II YEAR	Sai Kiran
34	KADIKEKAR SHIVA PRASAD	II YEAR	Shiva Prasad
35	KOLUMULA PRANITHA	II YEAR	Pranitha
36	KONDAMUDI TUSHITHA	II YEAR	Tushitha
37	MAKTHE SACHIN	II YEAR	Sachin
38	MAREMONI SOWMYA	II YEAR	M. Sowmya

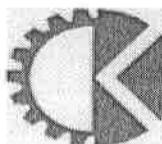


**DRK Institute of  
Science and Technology**  
**(Approved by AICTE & Affiliated to JNTUH)**

( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

**Department of Computer science and Engineering (Data science)**

39	MULLA POOJA	II YEAR	M. pooja
40	NALLAMASA ANUSHA	II YEAR	A. Anusha
41	RAGALA SRINIVAS NAIDU	II YEAR	R. Srinivas Naidu
42	SAMMANGI DURGA PRASAD	II YEAR	Durga Prashanth
43	SAMUDRAM PRASHANTH	II YEAR	P. Prashanth
44	SANATHANA SRIKANTH	II YEAR	S. Srikanth
45	SHAKARAM KEERTHANA	II YEAR	S. Keerthana
46	SHYAGA RUCHITHA	II YEAR	Ruchitha
47	SOPPARI CHIRANJEEVI	II YEAR	S. Chiranjeevi
48	SUNKARA VIJAYA DURGA	II YEAR	S. Vijaya durga
49	TELANG KEERTHI GOUD	II YEAR	T. Keerthi Goud
50	THALLAPELLY ABHINAYA	II YEAR	A. Abhinaya
51	THATTHARI NIKITH CHANDRA	II YEAR	T. Nikith
52	TOOPRAN SHIVAPRASAD	II YEAR	T. Shivaprasad
53	UNDEKOTI UMADEVI	II YEAR	U. Umadevi
54	VASUPARI SAI KIRAN	II YEAR	V. Sai Kiran
55	VEMULA SHIVANI	II YEAR	V. Shivani
56	Y KRISHNA VENI	II YEAR	Y. Krishna Veni
57	YEDLA VISHAL	II YEAR	Vishal
58	CHEGAL RAMYA	II YEAR	C. Ramya
59	JONNLAGADDA YAMINI	II YEAR	J. Yamini
60	MALLEDA LOKESH KUMAR	II YEAR	M. Lokesh Kumar
	GUNDUBOGULA VENKATA		Venkata
61	RAMANA	II YEAR	Ramana
62	PATCHAVA VENKATA SAI KUMAR	II YEAR	P. Venkata Sai Kumar
63	THATI RAJESH	II YEAR	T. Rajesh
64	BOMMARABOYENA NITESH	II YEAR	Nitesh
65	GUDLANARA POOJITHA	II YEAR	G. Poojitha
66	MYNNENI SAI CHANDRA PRAKASH	II YEAR	C. Chandrababu
67	POLU PAVAN KUMAR REDDY	II YEAR	P. Pavan Kumar
68	P.NITHIESH	II YEAR	Nithiesh
69	SHIVAMPETA BALA HARSHA		Harsha
	VARDHAN	II YEAR	Vardhan
70	KALAKUNTLA ARAVIND GOUD	II YEAR	A. Aravind Goud
71	AJAY KUMAR	II YEAR	Ajay Kumar
72	AYANAPARTI SRIDEVI	II YEAR	A. Sridevi
73	SAMANTHAKURTHI SAI LAXMI	II YEAR	Sai Laxmi
74	DULAM REKHA GOUD	II YEAR	D. Rekha Goud
75	DANDASI SHANKAR	II YEAR	Shankar
76	PUNUKOLLU PHANI SHANKAR	II YEAR	P. Phani Shankar
77	MOGILI SWAPNA	II YEAR	M. Swapna
78	GAINI ASHOK	II YEAR	A. Ashok
79	ADDEPALLI GEORGE MULLAR	I YEAR	George



**Department of Computer science and Engineering (Data science)**

80	ARRA NIKIL	I YEAR	A. Nikil
81	BONDUGULA SAKETH	I YEAR	Saketh
82	BYTHI NAVEEN	I YEAR	Naven
83	CHIDURUPADU RAVI	I YEAR	Ravi
84	CHILMULA SAIKIRANREDDY	I YEAR	C. SaikiranReddy
85	CH VISHNU PRIYA	I YEAR	Priya
86	DATLA MANOJ VARMA	I YEAR	Manoj
87	DEEPTHI DAS	I YEAR	Das
88	DOLE ROHITH	I YEAR	Rohith
89	DUBBA SAHITHI	I YEAR	Sahithi
90	ESLAVATH SANDHYA	I YEAR	Sandhya
91	GANAGONI VARUN	I YEAR	Varun
92	GARDAS POOJITHA	I YEAR	Poojitha
93	GUNTREDDY MEENAKSHI	I YEAR	Meenakshi
94	K.SATHYANARAYANA	I YEAR	Sathyana
95	KARAVATI VINEETHA	I YEAR	Vineetha
96	KATHI BHARGAVI	I YEAR	Bhargavi
97	K NIMISHA	I YEAR	Nimisha
98	K. ANVESH REDDY	I YEAR	Anvesh Reddy
99	KOMMULA PRASAD	I YEAR	Prasad
100	KUDIPUDI HIMESH	I YEAR	Himesh
101	KURAMANA DEVARANI	I YEAR	Devarani
102	MAMIDI THARUN KUMAR	I YEAR	Tharun
103	MATHADI SUKANYA	I YEAR	Sukanya
104	MAVULURI AASRITHA	I YEAR	Aasritha
105	MOHAMMED SHANAWAZ	I YEAR	Shanawaz
106	MUSTYALA PRANAY	I YEAR	Pranay
107	AKSHITH REDDY NADPI	I YEAR	AKSHITH
108	PINNINTI RITHVIK REDDY	I YEAR	Rithvik
109	RATHOD VAMSHI KRISHNA	I YEAR	Vamshi
110	RUPANI BINDU	I YEAR	Bindu
111	SADIA SULTANA	I YEAR	Sultana
112	SOPETI RAMYA SRI	I YEAR	Ramya
113	SUNKA VENKATESH	I YEAR	Venkatesh
114	SUTHARI KALYANRAM	I YEAR	Kalyanram
115	TEEGULLA SAI KUMAR GOUD	I YEAR	Kumar Goud
116	THANGALLAPALLY BABACHARY	I YEAR	Babachary
117	ULLI HARIKA	I YEAR	Hariika
118	VITHANALA AKHIL	I YEAR	Akhil
119	YERROLLA DHAN RAJ	I YEAR	Dhan Raj
120	DUBASI KRISHNAVENI	I YEAR	Krishnaveni
121	ARAVAPALLI TEJASWI	I YEAR	Tejaswi
122	B.RISHIKESH RAO	I YEAR	Rishikesh



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

### Department of Computer science and Engineering (Data science)

123	CH SRI ROOPA LAKSHMI	1 YEAR	Ch. Sri Roopala... R... Lakshmi
124	GONU VINAY KUMAR REDDY	1 YEAR	VINAY REDDY
125	GOTTAM AKHIL REDDY	1 YEAR	Akhil Reddy
126	K MANOJ KUMAR REDDY	1 YEAR	Manoj Reddy
127	M SANDEEP	1 YEAR	Sandeep
128	MAGANTI PRADEEP	1 YEAR	M. Pradeep
- 129	MARUPUREDDY VENKATESWARA REDDY	1 YEAR	Marupureddy Venkateswara Reddy
130	M MEGHANA	1 YEAR	Meghana
131	NANDIGAM POOJITHA	1 YEAR	Poojitha
132	PALLAPU VAMSHI	1 YEAR	P. Vamshi
133	P. MAHESH BABU	1 YEAR	Mahesh
134	ROOPANI CHETHAN	1 YEAR	Chethan
135	RUNKANA VENKATA BHANU	1 YEAR	R. Venkata Bhanu

  
PROGRAM COORDINATOR

  
HOD CSE(DS)



## **Department of Computer science and Engineering (Data science)**

### **Report on “A Two-Week Certification Course on Cybersecurity Data Analytics**

1. Title of course	: A Two-Week Certification Course on Cybersecurity Data Analytics
2. Course Code	: 2022CSD01
3. Course Date	: 05/09/2022
4. Venue	: SEMINAR HALL
5. Name of program Coordinator	: Mr. G. Srinivas
6. Number of Students	: 135

DRK Institute of Science and Technology organized “A Two-Week Certification Course on Cybersecurity Data Analytics” for BTech CSE(DS) students.

Two-week certification course in Cybersecurity Data Analytics equips participants with skills to analyze and interpret security data, detect threats, and respond effectively. The program covers basics of cybersecurity and data analytics, hands-on labs with industry tools, and practical techniques for threat detection. It's ideal for IT professionals and data analysts seeking to specialize in cybersecurity.

#### **7. Objective:**

- Equip participants with essential knowledge and practical skills in cybersecurity.
- Focus on using data analytics to detect, prevent, and respond to cybersecurity threats.
- Teach analytical techniques, tools, and methodologies crucial for analysing security data.

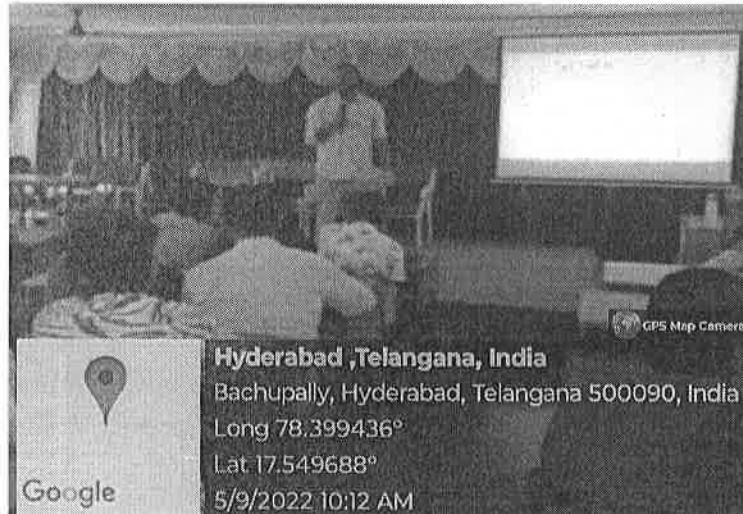
#### **8. Outcome:**

- Understand cybersecurity fundamentals, including threats and challenges.
- Apply data analytics tools and techniques to analyse security data.
- Develop skills to detect and mitigate potential security threats using data-driven approaches.
- Design and implement effective cybersecurity strategies based on data analytics.



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

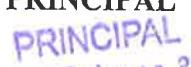
### Department of Computer science and Engineering (Data science)



The course is very useful to the students and their feedback is positive. The management and Principal of DRK Institute of Science and Technology thanked the participants for making the program successful.

  
PROGRAM COORDINATOR

  
HOD CSE(DS)

  
PRINCIPAL  
  
PRINCIPAL  
DRK Institute of Science & Technology  
Bowrampet, Qutubullapur, Hyderabad-500 043.

17  
20

## Department of Computer science and Engineering (data science)

### A Two Weeks Certification Course on Cybersecurity Data Analytics

#### Test paper

Name of the Student: S.Raksh

Year: 2021

Max Marks: 20M

Multiple choice questions

1. Which of the following is the primary goal of cybersecurity?

- a) Maximizing system performance
- b) Protecting data and networks
- c) Enhancing user experience
- d) Reducing hardware costs

[ B ] ✓

2. What is the purpose of data analytics in cybersecurity?

- a) To create complex algorithms
- b) To predict future security breaches
- c) To identify patterns and anomalies in data
- d) To increase network traffic

[ C ] ✓

3. Which of the following is an example of a cybersecurity threat?

- a) A strong password
- b) A DDoS attack
- c) Regular software updates
- d) Network encryption

[ B ] ✓

4. What does the term "phishing" refer to in cybersecurity?

- a) A type of firewall
- b) A method of secure communication
- c) A technique to steal sensitive information
- d) A data encryption process

[ A ] ✗

5. In cybersecurity, what is a "honeypot"?

- a) A secure data storage method
- b) A trap set to detect unauthorized access
- c) An advanced firewall
- d) A type of encryption algorithm

[ B ] ✓

6. Which of the following is a common data analytics technique used in cybersecurity? [ A ] ✓

- a) Data mining
- b) Phishing
- c) Social engineering
- d) Firewalls

7. What is the role of a Security Information and Event Management (SIEM) system? [ B ] ✓

- a) Encrypting data
- b) Monitoring and analyzing security events
- c) Physical security
- d) Software development

8. Which of the following best describes "anomaly detection"?

[ B ] ✓

- a) Identifying normal behavior in data
- b) Identifying deviations from the normal pattern
- c) Preventing data breaches
- d) Encrypting sensitive data

9. Which machine learning technique is most commonly used in cybersecurity data analytics?

- a) Supervised learning
- b) Unsupervised learning
- c) Reinforcement learning
- d) All of the above

[ C ] ✗



## Department of Computer science and Engineering (data science)

10. What is a "zero-day" vulnerability?

- a) A vulnerability that is immediately patched
- b) A vulnerability that is known but not exploited
- c) A vulnerability that is exploited before the vendor is aware
- d) A non-existent threat

[ C ] ✓

11. Which of the following is a key benefit of using data analytics in cybersecurity?

- a) Manual data processing
- b) Predicting future threats
- c) Slowing down network performance
- d) Reducing data storage costs

[ B ] ✓

12. Which data analytics tool is commonly used for analyzing large datasets in cybersecurity?

- a) Microsoft Word
- b) Hadoop
- c) Adobe Photoshop
- d) SQL Server

[ A ] ✗

13. What is "encryption" in the context of cybersecurity?

- a) A method for compressing data
- b) A process of converting data into a secure format
- c) A way to delete sensitive information
- d) A software development technique

[ B ] ✓

14. Which of the following is NOT a type of malware?

- a) Virus
- b) Trojan horse
- c) Firewall
- d) Spyware

[ C ] ✓

15. What does "intrusion detection" involve?

- a) Identifying attempts to gain unauthorized access to a system
- b) Securing a system against viruses
- c) Encrypting sensitive data
- d) Regularly updating software

[ A ] ✓

16. Which of the following is a common use case for data analytics in cybersecurity?

- a) Marketing optimization
- b) Intrusion detection
- c) Video rendering
- d) Graphic design

[ B ] ✓

17. Which cybersecurity framework is widely adopted for managing and reducing cybersecurity risk?

- a) COBIT
- b) NIST Cybersecurity Framework
- c) PRINCE2
- d) Six Sigma

[ B ] ✓

18. What is "data masking"?

- a) Hiding data from unauthorized users
- b) Encrypting data with a key
- c) Deleting sensitive information
- d) Changing data format for storage

[ A ] ✓



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

### Department of Computer science and Engineering (data science)

19. In cybersecurity, what does the term "data breach" refer to?

[ B ]

- a) A secure connection
- b) Unauthorized access to data
- c) Data backup process
- d) A type of firewall

20. Which of the following techniques is used in cybersecurity to detect potential threats using past data?

[ B ]

- a) Descriptive analytics
- b) Predictive analytics
- c) Diagnostic analytics
- d) Prescriptive analytics

## Department of Computer science and Engineering (data science)

### A Two Weeks Certification Course on Cybersecurity Data Analytics

#### Test paper

Name of the Student: I.Rajeshwari Year: II

Max Marks: 20M

Multiple choice questions

1. Which of the following is the primary goal of cybersecurity? [ B ]  
 a) Maximizing system performance      b) Protecting data and networks  
 c) Enhancing user experience      d) Reducing hardware costs
2. What is the purpose of data analytics in cybersecurity? [ C ]  
 a) To create complex algorithms      b) To predict future security breaches  
 c) To identify patterns and anomalies in data      d) To increase network traffic
3. Which of the following is an example of a cybersecurity threat? [ B ]  
 a) A strong password      b) A DDoS attack  
 c) Regular software updates      d) Network encryption
4. What does the term "phishing" refer to in cybersecurity? [ A ]  
 a) A type of firewall      b) A method of secure communication  
 c) A technique to steal sensitive information      d) A data encryption process
5. In cybersecurity, what is a "honeypot"? [ B ]  
 a) A secure data storage method      b) A trap set to detect unauthorized access  
 c) An advanced firewall      d) A type of encryption algorithm
6. Which of the following is a common data analytics technique used in cybersecurity? [ A ]  
 a) Data mining      b) Phishing      c) Social engineering      d) Firewalls
7. What is the role of a Security Information and Event Management (SIEM) system? [ B ]  
 a) Encrypting data      b) Monitoring and analyzing security events  
 c) Physical security      d) Software development
8. Which of the following best describes "anomaly detection"? [ B ]  
 a) Identifying normal behavior in data      b) Identifying deviations from the normal pattern  
 c) Preventing data breaches      d) Encrypting sensitive data
9. Which machine learning technique is most commonly used in cybersecurity data analytics? [ D ]  
 a) Supervised learning      b) Unsupervised learning  
 c) Reinforcement learning      d) All of the above



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

### Department of Computer science and Engineering (data science)

10. What is a "zero-day" vulnerability?

- a) A vulnerability that is immediately patched
- b) A vulnerability that is known but not exploited
- c) A vulnerability that is exploited before the vendor is aware
- d) A non-existent threat

[ C ] ✓

11. Which of the following is a key benefit of using data analytics in cybersecurity?

- a) Manual data processing
- b) Predicting future threats
- c) Slowing down network performance
- d) Reducing data storage costs

[ A ] ✗

12. Which data analytics tool is commonly used for analyzing large datasets in cybersecurity?

- a) Microsoft Word
- b) Hadoop
- c) Adobe Photoshop
- d) SQL Server

[ B ] ✓

13. What is "encryption" in the context of cybersecurity?

- a) A method for compressing data
- b) A process of converting data into a secure format
- c) A way to delete sensitive information
- d) A software development technique

[ B ] ✓

14. Which of the following is NOT a type of malware?

- a) Virus
- b) Trojan horse
- c) Firewall
- d) Spyware

[ C ] ✓

15. What does "intrusion detection" involve?

- a) Identifying attempts to gain unauthorized access to a system
- b) Securing a system against viruses
- c) Encrypting sensitive data
- d) Regularly updating software

[ A ] ✓

16. Which of the following is a common use case for data analytics in cybersecurity?

- a) Marketing optimization
- b) Intrusion detection
- c) Video rendering
- d) Graphic design

[ B ] ✓

17. Which cybersecurity framework is widely adopted for managing and reducing cybersecurity risk?

- a) COBIT
- b) NIST Cybersecurity Framework
- c) PRINCE2
- d) Six Sigma

[ B ] ✓

18. What is "data masking"?

- a) Hiding data from unauthorized users
- b) Encrypting data with a key
- c) Deleting sensitive information
- d) Changing data format for storage

[ A ] ✓



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

## Department of Computer science and Engineering (Data science)

A Two-Week Certification Course on Cybersecurity Data Analytics

### GRADE SHEET

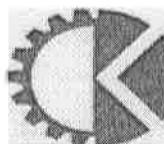
S No	Name	Year	Grade
1	ATLURI VIGNESHWAR RAO	III YEAR	A
2	J RAJESHWARI	III YEAR	A+
3	K RAJESH	III YEAR	B
4	KICHUGARI SWATHI	III YEAR	B
5	KOPPALA JAWAHAR JOVAH	III YEAR	A
6	LAXMAIGHARI HANISH	III YEAR	B+
7	NARRA SATHVIK REDDY	III YEAR	B
8	PUPPALA LOKESH	III YEAR	A+
9	RAVIKOTI MATAM ABHISHEK ANAND	III YEAR	B
10	SAIKRISHNA REDDY	III YEAR	A
11	SAMALA RAKESH	III YEAR	B+
12	VEERABOINA PRAVALIKA	III YEAR	B
13	KASARAM NEHA	III YEAR	A
14	KOTHI VIVEK VARDHAN REDDY	III YEAR	A+
15	SAMANTAKURTI GNANA DEEPTI	III YEAR	B
16	THOTA POOJITHA	III YEAR	B+
17	VAJROJU AJITH KUMAR	III YEAR	B
18	VANMA RACHANA	III YEAR	B+
19	YANAMANDRA BHUVAN SAI	II YEAR	A+
20	AAVULA AKSHAYA	II YEAR	A
21	AAVULA TEJASWI	II YEAR	A
22	AFSHA TAMKINAT	II YEAR	A+
23	AKULA MAHENDRA	II YEAR	B
24	BADDIREDDY KRISHNA	II YEAR	B+
25	BAKKA KRANTHI SAI KIRAN KUMAR	II YEAR	B
26	BHASA KISHORE KUMAR	II YEAR	A+
27	BOLLAM SUMANTH	II YEAR	A
28	CHEEKATLA AKSHAYA	II YEAR	B+
29	CHIDURUPADU AKHILA	II YEAR	B
30	CHIKKELA SHIVA PRASAD	II YEAR	A
31	DEVSOTH GEETHA	II YEAR	A+
32	DHARNA LAXMI NARAYANA	II YEAR	A
33	GUNDA SAI KIRAN	II YEAR	A+
34	KADIKEKAR SHIVA PRASAD	II YEAR	B
35	KOLUMULA PRANITHA	II YEAR	B
36	KONDAMUDI TUSHITHA	II YEAR	A+
37	MAKTHE SACHIN	II YEAR	A



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

### Department of Computer science and Engineering (Data science)

38	MAREMONI SOWMYA	II YEAR	A+
39	MULLA POOJA	II YEAR	ABSENT
40	NALLAMASA ANUSHA	II YEAR	AT
41	RAGALA SRINIVAS NAIDU	II YEAR	ABSENT
42	SAMMANGI DURGA PRASAD	II YEAR	R
43	SAMUDRAM PRASHANTH	II YEAR	B+
44	SANATHANA SRIKANTH	II YEAR	AT
45	SHAKARAM KEERTHANA	II YEAR	A
46	SHYAGA RUCHITHA	II YEAR	B
47	SOPPARI CHIRANJEEVI	II YEAR	R
48	SUNKARA VIJAYA DURGA	II YEAR	B
49	TELANG KEERTHI GOUD	II YEAR	A
50	THALLAPELLY ABHINAYA	II YEAR	B
51	THATTARI NIKITH CHANDRA	II YEAR	AT
52	TOOPRAN SHIVAPRASAD	II YEAR	AT
53	UNDEKOTI UMADEVI	II YEAR	A
54	VASUPARI SAI KIRAN	II YEAR	A
55	VEMULA SHIVANI	II YEAR	R
56	Y KRISHNA VENI	II YEAR	B+
57	YEDLA VISHAL	II YEAR	A
58	CHEGAL RAMYA	II YEAR	A
59	JONNLAGADDA YAMINI	II YEAR	B+
60	MALLEDA LOKESH KUMAR	II YEAR	B
61	GUNDUBOGULA VENKATA RAMANA	II YEAR	AT
62	PATCHAVA VENKATA SAI KUMAR	II YEAR	1st
63	THATI RAJESH	II YEAR	R
64	BOMMARABOYENA NITESH	II YEAR	A
65	GUDLANARA POOJITHA	II YEAR	A
66	MYNNENI SAI CHANDRA PRAKASH	II YEAR	B
67	POLU PAVAN KUMAR REDDY	II YEAR	B
68	P.NITHIESH	II YEAR	A
69	SHIVAMPETA BALA HARSHA VARDHAN	II YEAR	A
70	KALAKUNTLA ARAVIND GOUD	II YEAR	B
71	AJAY KUMAR	II YEAR	B+
72	AYANAPARTI SRIDEVI	II YEAR	A
73	SAMANTHAKURTHI SAI LAXMI	II YEAR	AT
74	DULAM REKHA GOUD	II YEAR	AT
75	DANDASI SHANKAR	II YEAR	B
76	PUNUKOLLU PHANI SHANKAR	II YEAR	A
77	MOGILI SWAPNA	II YEAR	ABSENT
78	GAINI ASHOK	II YEAR	A'



**Department of Computer science and Engineering (Data science)**

79	ADDEPALLI GEORGE MULLAR	I YEAR	B+
80	ARRA NIKIL	I YEAR	A
81	BONDUGULA SAKETH	I YEAR	A+
82	BYTHI NAVEEN	I YEAR	A
83	CHIDURUPADU RAVI	I YEAR	B+
84	CHILMULA SAIKIRANREDDY	I YEAR	B
85	CH VISHNU PRIYA	I YEAR	A
86	DATLA MANOJ VARMA	I YEAR	A+
87	DEEPTHI DAS	I YEAR	B
88	DOLE ROHITH	I YEAR	B+
89	DUBBA SAHITHI	I YEAR	A
90	ESLAVATH SANDHYA	I YEAR	A+
91	GANAGONI VARUN	I YEAR	B
92	GARDAS POOJITHA	I YEAR	B+
93	GUNTREDDY MEENAKSHI	I YEAR	A
94	K.SATHYANARAYANA	I YEAR	A+
95	KARAVATI VINEETHA	I YEAR	B
96	KATHI BHARGAVI	I YEAR	B+
97	K NIMISHA	I YEAR	B
98	K. ANVESH REDDY	I YEAR	B+
99	KOMMULA PRASAD	I YEAR	A
100	KUDIPUDI HIMESH	I YEAR	A+
101	KURAMANA DEVARANI	I YEAR	A
102	MAMIDI THARUN KUMAR	I YEAR	A
103	MATHADI SUKANYA	I YEAR	B
104	MAVULURI AASRITHA	I YEAR	B+
105	MOHAMMED SHANAWAZ	I YEAR	A+
106	MUSTYALA PRANAY	I YEAR	A
107	AKSHITH REDDY NADPI	I YEAR	A+
108	PINNINTI RITHVIK REDDY	I YEAR	B
109	RATHOD VAMSHI KRISHNA	I YEAR	B
110	RUPANI BINDU	I YEAR	B
111	SADIA SULTANA	I YEAR	A
112	SOPETI RAMYA SRI	I YEAR	A+
113	SUNKA VENKATESH	I YEAR	A
114	SUTHARI KALYANRAM	I YEAR	B
115	TEEGULLA SAI KUMAR GOUD	I YEAR	B
116	THANGALLAPALLY BABACHARY	I YEAR	B+
117	ULLI HARIKA	I YEAR	A+
118	VITHANALA AKHIL	I YEAR	A
119	YERROLLA DHAN RAJ	I YEAR	B
120	DUBASI KRISHNAVENI	I YEAR	A
121	ARAVAPALLI TEJASWI	I YEAR	B



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

### Department of Computer science and Engineering (Data science)

122	B.RISHIKESH RAO	I YEAR	A+
123	CH SRI ROOPA LAKSHMI	I YEAR	B
124	GONU VINAY KUMAR REDDY	I YEAR	A
125	GOTTAM AKHIL REDDY	I YEAR	A+
126	K MANOJ KUMAR REDDY	I YEAR	A
127	M SANDEEP	I YEAR	B
128	MAGANTI PRADEEP	I YEAR	<u>ABSENT</u>
129	MARUPUREDDY VENKATESWARA REDDY	I YEAR	A+
130	M MEGHANA	I YEAR	B
131	NANDIGAM POOJITHA	I YEAR	A+
132	PALLAPU VAMSHI	I YEAR	B
133	P. MAHESH BABU	I YEAR	A
134	ROOPANI CHETHAN	I YEAR	A+
135	RUNKANA VENKATA BHANU	I YEAR	A

  
PROGRAM COORDINATOR

  
HOD CSE(DS)



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

**Department Computer science and Engineering(Data science)**

**A Two-Week Certification Course on Cybersecurity Data Analytics**

**ATTENDANCE SHEET**

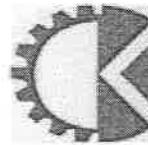
S.NO	NAME	YEAR	1	2	3	4	5	6	7	8	9	10	11	12
1	ATLURI VIGNESHWAR RAO	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
2	J RAJESHWARI	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
3	K RAJESH	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
4	KICHUGARI SWATHI	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
5	KOPPALA JAWAHAR JOVAH	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
6	LAXMAIGHARI HANISH	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
7	NARRA SATHVIK REDDY	III YEAR	P	D	P	P	P	P	P	P	P	P	P	P
8	PUPPALA LOKESH	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
9	RAVIKOTI MATAM ABHISHEK ANAND	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
10	SAIKRISHNA REDDY	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
11	SAMALA RAKESH	III YEAR	P	P	P	D	P	P	P	P	P	P	P	P
12	VEERABOINA PRAVALIKA	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
13	KASARAM NEHA	III YEAR	P	D	P	P	P	P	P	P	P	P	P	P
14	KOTHI VIVEK VARDHAN REDDY	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
15	SAMANTAKURTI GNANA DEEPTI	III YEAR	P	D	P	P	P	P	P	P	P	P	P	P
16	THOTA POOJITHA	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
17	VAJROJU AJITH KUMAR	III YEAR	P	P	P	P	P	P	P	P	P	P	P	P
18	VANMA RACHANA	III YEAR	P	D	P	P	P	P	P	P	P	P	P	P
19	YANAMANDRA BHUVAN SAI	II YEAR	P	D	P	P	P	P	P	P	P	P	P	P
20	AAVULA AKSHAYA	II YEAR	D	D	P	P	P	P	P	P	P	P	P	P
21	AAVULA TEJASWI	II YEAR	P	P	P	P	P	P	P	P	P	P	P	P
22	AFSHA TAMKINAT	II YEAR	P	P	P	P	P	P	D	P	P	P	P	P



**DRK Institute of  
Science and Technology**  
**(Approved by AICTE & Affiliated to JNTUH)**

( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

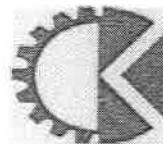
Department Computer science and Engineering(Data science)



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
 Medchal, Hyd-500043)

**Department Computer science and Engineering(Data science)**

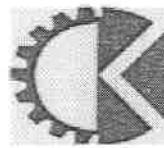
50	THALLAPELLY ABHINAYA	II YEAR	P.	R	D.	D.	P.	D	P	P	P	P	P	C
51	THATTHARI NIKITH CHANDRA	II YEAR	P	P	D	D	P	P	P	P	P	P	P	P
52	TOOPRAN SHIVAPRASAD	II YEAR	P	P	D	D	P	P	P	P	P	P	P	P
53	UNDEKOTI UMADEVI	II YEAR	P	P	D	D	P	P	P	P	P	P	P	P
54	VASUPARI SAI KIRAN	II YEAR	P	P	D	D	P	P	P	P	P	P	P	P
55	VEMULA SHIVANI	II YEAR	P	P	D	D	P	P	P	P	P	P	P	P
56	Y KRISHNA VENI	II YEAR	P	P	D	D	P	P	P	P	P	P	P	P
57	YEDLA VISHAL	II YEAR	P	D	D	D	P	P	P	P	P	P	P	P
58	CHEGAL RAMYA	II YEAR	P	D	D	D	P	P	P	P	P	P	P	P
59	JONNLAGADDA YAMINI	II YEAR	P	P	D	D	P	P	P	P	P	P	P	P
60	MALLEDA LOKESH KUMAR	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
61	GUNDUBOGULA VENKATA RAMANA	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
62	PATCHAVA VENKATA SAI KUMAR	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
63	THATI RAJESH	II YEAR	P	D	D	D	P	D	P	P	P	P	P	P
64	BOMMARABOYENA NITESH	II YEAR	P	P	D	D	P	P	P	P	P	P	P	P
65	GUDLANARA POOJITHA	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
66	MYNENI SAI CHANDRA PRAKASH	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
67	POLU PAVAN KUMAR REDDY	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
68	P.NITHIESH	II YEAR	P	P	D	D	P	A	P	P	P	P	P	P
69	SHIVAMPETA BALA HARSHA VARDHAN	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
70	KALAKUNTLA ARAVIND GOUD	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
71	AJAY KUMAR	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
72	AYANAPARTI SRIDEVI	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
73	SAMANTHAKURTHI SAI LAXMI	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
74	DULAM REKHA GOUD	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
75	DANDASI SHANKAR	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P
76	PUNUKOLLU PHANI SHANKAR	II YEAR	P	P	D	D	P	D	P	P	P	P	P	P



**DRK Institute of  
Science and Technology**  
(Approved by AICTE & Affiliated to JNTUH)

( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

Department Computer science and Engineering(Data science)



**DRK Institute of  
Science and Technology**  
**(Approved by AICTE & Affiliated to JNTUH)**

( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur, Medchal, Hyd-500043)

Department Computer science and Engineering(Data science)



(Approved by AICTE & Affiliated to JNTUH)  
( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

Department Computer science and Engineering(Data science)

129	MARUPUREDDY VENKATESWARA REDDY	I YEAR	P	P	P	D	P	D	P	P	D	P	P
130	M MEGHANA	I YEAR	P	P	f	P	P	P	P	P	P	P	P
131	NANDIGAM POOJITHA	I YEAR	P	P	P	P	P	P	P	P	P	P	P
132	PALLAPU VAMSHI	I YEAR	P	P	P	P	P	P	P	P	P	P	P
133	P. MAHESH BABU	I YEAR	P	f	P	P	P	P	P	P	P	P	P
134	ROOPANI CHETHAN	I YEAR	P	P	P	f	P	P	f	P	P	P	P
135	RUNKANA VENKATA BHANU	I YEAR	P	P	P	P	P	P	P	P	P	P	P

  
PROGRAM COORDINATOR

  
HOD CSE(DS)

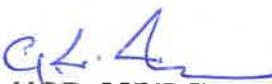


BOWRAMPET (V), VIA AIRFORCE ACADEMY, HYDERABAD – 500043

## Certificate of appreciation

This is to certify that Mr. /Miss L. HANISH  
has participated in a two week certificate program on "Cybersecurity data analytics" organized by department of computer science and engineering(data science) from 05/09/22 to 19/09/22 in DRKIST.

  
Program Coordinator

  
HOD CSE(DS)

  
Principal



( Bowrampet (v), Near pragathi nagar, on Miyapur-medchal high way, Quthbullapur,  
Medchal, Hyd-500043)

## Department of Computer science and Engineering(data science)

### FEEDBACK FORM

**Course Title:** A Two-Week Certification Course on Cybersecurity Data Analytics

**Course Code:** 2022CSD01

**Name of the Participant:** T. Poojitha

Feedback on Course Content	Excellent	Good	Fair	Poor
The course content is relevant	✓			
The amount of material covered was sufficient	✓			
The course gives fair exposure to industry-based topics		✓		
Duration of course was appropriate			✓	
Course met the overall expectations	✓			

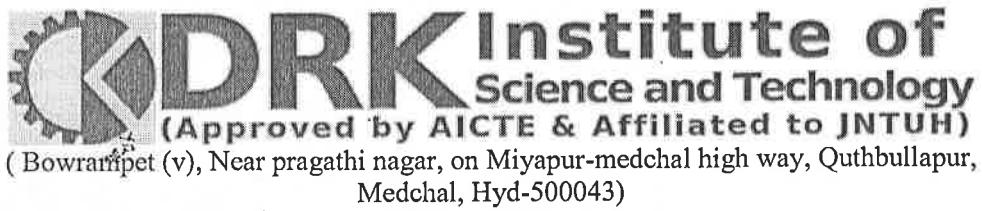
  

Feedback on Faculty/Resource Person	Excellent	Good	Fair	Poor
Faculty have fair knowledge over the subject	✓			
Faculty have good command over the course contents		✓		
The content was clearly explained		✓		
Queries and doubts were cleared by faculty	✓			



A handwritten signature in blue ink, which appears to read "Poojitha".

Signature of the Participant



### Department of Computer science and Engineering

II B. Tech II Semester I Midterm Examinations Time Table ( Regulation r 22 )

DATE:29-04-2024

Date /Time	02-05-2024		03-05-2024		04-05-2024
	10:00 AM To 11:20 AM	2:00 PM To 3:20 PM	10:00 AM To 11:20 AM	2:00 PM To 3:20 PM	10:00 AM To 11:20 AM
Subject	DM	BEFA	OS	DBMS	SE

Staff

Hod CSE

Principal

*A.C. V. Ravindra*  
DRK Institute of Science & Technology  
Bowramipet, Hyderabad - 500 043





**Department of Computer science and Engineering**

**II B. TECH II SEMESTER LAB EXAMINATIONS TIME TABLE- 2024**

		CSE-A	CSE-B
23-Jul-24	AN	OS (Sowjanya)	
	FN		OS (Sowjanya)
24-Jul-24	AN	DBMS (G. Srinivas)	
	FN		DBMS (G. Srinivas)
25-Jul-24	AN	SDC (PRAVEEN)	
	FN		(SDC PRAVEEN)

**EXAM TIMINGS:** FN: 10:00 AM To 12:30 PM  
AN: 2:00 PM To 4:00 PM

  
**Staff**

  
**HoD**

  
**Principal**



**DRK INSTITUTE OF SCIENCE AND TECHNOLOGY**

**CSE I-II RESULTS NOVEMBER - 2022**

S.NO	ROLL NO	AP	AP LAB	EG	M-II	PPS	PPS LAB	FAIL URES	TC	GP	%	RANK
1	21N71A6701	C	O	B	B	C	O	0	18	112	6.22	5
2	21N71A6702	A	O	A	B	B+	O	0	18	138	7.67	4
3	21N71A6703	F	A	F	F	B	O	3	7	51	2.83	X
4	21N71A6704	B	B	F	C	C	A	1	15	85	4.72	X
5	21N71A6706	F	B	F	F	T	B	4	3	15	4	X
6	21N71A6707	F	A+	B	B	B	O	1	14	94.5	9.25	X
7	21N71A6708	F	B+	B	F	B	A+	2	10	66	3.67	X
8	21N71A6709	F	B+	F	F	F	A	4	3	22.5	1.25	X
9	21N71A6710	F	O	F	F	F	O	4	3	30	1.67	X
10	21N71A6711	F	B	F	B	C	A+	2	11	66.5	3.69	X
11	21N71A6712	F	O	A	B	B	A	1	14	99	5.5	X
12	21N71A6713	F	O	F	F	B	O	3	7	54	3	X
13	21N71A6714	C	O	B	C	C	A	0	18	105	5.83	X
14	21N71A6715	F	B	F	F	F	A	4	3	21	1.17	X
15	21N71A6716	F	B+	B	F	C	A+	2	10	62	3.44	X
16	21N71A6717	C	O	B	F	C	A+	1	14	86.5	4.81	X
17	21N71A6718	C	A+	B	B	C	A+	0	18	109	6.06	X
18	21N71A6719	F	A+	F	F	F	A+	4	3	27	1.35	X
19	21N71A6720	F	O	B	B	C	O	1	14	92	5.31	X
20	21N71A6721	F	B	F	F	F	A+	4	3	22.5	1.25	X
21	21N71A6722	F	Ab	F	F	F	B	5	1.5	9	6.5	X
22	21N71A6723	C	A+	F	B	B	O	1	15	96.5	5.36	X
23	21N71A6724	B	O	B+	B	C	O	0	18	119	6.61	X
24	21N71A6725	F	B+	B	F	F	A+	3	6	62	2.33	X
25	21N71A6726	F	B	F	B	C	A+	2	11	66.5	3.69	X
26	21N71A6727	F	O	B	F	F	O	3	6	48	2.67	X
27	21N71A6728	F	B	F	F	F	B	4	3	18	4	X
28	21N71A6729	B	O	B	F	C	O	1	14	97	5.11	X
29	21N71A6730	F	A+	C	F	C	O	2	10	63.5	3.53	X
30	21N71A6731	F	A+	F	F	F	B	4	3	22.5	1.25	X
31	21N71A6732	B	O	B	B	B+	O	0	18	124	6.89	2
32	21N71A6733	F	A+	F	F	F	O	4	3	28.5	1.58	X
33	21N71A6734	F	A+	F	F	F	A	4	3	35.5	1.42	X
34	21N71A6735	B	O	F	B	C	A+	1	15	96.5	5.36	X
35	21N71A6736	F	A+	F	F	C	A+	3	7	47	2.61	X
36	21N71A6737	B	O	B+	B	F	O	1	14	99	5.5	X
37	21N71A6738	F	B+	F	F	F	A+	4	3	24	1.33	X
38	21N71A6739	F	O	B	F	F	O	3	6	48	2.67	X
39	21N71A6740	F	O	F	C	F	A	3	7	47	2.61	X
40	21N71A6741	F	B	F	F	F	B	4	3	18	4	X
41	21N71A6742	F	A+	F	F	F	O	4	3	28.5	1.58	X
42	21N71A6743	F	O	F	F	C	O	3	7	59	2.78	X
43	21N71A6744	F	A+	B	B	B	A+	1	14	93	5.17	X
44	21N71A6745	F	B+	F	F	F	A+	4	3	34	1.33	X
45	21N71A6746	C	B+	B	F	C	A+	1	14	87	4.96	X
46	21N71A6747	C	B+	F	F	F	A	3	7	42.5	2.36	X
47	21N71A6748	C	B	F	F	F	A+	3	7	42.5	2.36	X
48	21N71A6749	F	B	F	F	C	B	3	7	58	2.44	X

**CSE I-II RESULTS NOVEMBER - 2022**

S.NO	ROLL NO	AP	AP LAB	EG	M-II	PPS	PPS LAB	FAIL URES	TC	GP	%	RANK																																																				
49	21N71A6750	B+	O	B	F	B	A+	1	14	98.5	5.47	X																																																				
50	21N71A6751	F	B+	F	F	F	A	4	3	22.5	1.25	A																																																				
51	21N71A6752	F	B+	F	F	F	A	4	3	22.5	1.25	A																																																				
52	21N71A6753	B	B+	F	F	F	B+	3	7	45	2.5	A																																																				
53	21N71A6754	F	A	F	F	F	O	4	3	27	1.5	A																																																				
54	21N71A6756	C	B	F	F	C	C	2	11	56.5	3.14	A																																																				
55	21N71A6757	F	B+	F	F	F	A	4	3	22.5	1.25	X																																																				
56	21N71A6758	F	O	F	F	F	O	4	3	30	1.67	X																																																				
57	21N71A6759	B+	O	B	B	B	O	0	18	124	0.89	J																																																				
58	21N71A6761	C	O	B	B	C	O	0	18	112	0.22	Y																																																				
<table border="1"> <thead> <tr> <th></th><th>AP</th><th>AP LAB</th><th>EG</th><th>M-II</th><th>PPS</th><th>PPS LAB</th><th colspan="3">ALL PASS</th><th colspan="3"></th></tr> </thead> <tbody> <tr> <td>PASS</td><td>20</td><td>57</td><td>23</td><td>19</td><td>30</td><td>58</td><td colspan="3">ALL PASS</td><td colspan="3">8</td></tr> <tr> <td>FAIL</td><td>38</td><td>1</td><td>35</td><td>39</td><td>28</td><td>0</td><td colspan="3">TOTAL</td><td colspan="3">58</td></tr> <tr> <td>PASS%</td><td>34.48</td><td>98.28</td><td>39.66</td><td>32.76</td><td>51.7</td><td>100</td><td colspan="3">OVER ALL%</td><td colspan="3">14</td></tr> </tbody> </table>														AP	AP LAB	EG	M-II	PPS	PPS LAB	ALL PASS						PASS	20	57	23	19	30	58	ALL PASS			8			FAIL	38	1	35	39	28	0	TOTAL			58			PASS%	34.48	98.28	39.66	32.76	51.7	100	OVER ALL%			14		
	AP	AP LAB	EG	M-II	PPS	PPS LAB	ALL PASS																																																									
PASS	20	57	23	19	30	58	ALL PASS			8																																																						
FAIL	38	1	35	39	28	0	TOTAL			58																																																						
PASS%	34.48	98.28	39.66	32.76	51.7	100	OVER ALL%			14																																																						

