1.2.2 - Number of Add on /Certificate programs offered during the year

Sl.No	Department	Description	Page Number
1	Details of Add on courses		2
2	Computer Science And Engineering	Request Letter, Permission Letter,Brochure,Course Content, Attendance, Question Paper And Answer Key,Samples,Certificates	3
3	Electronics And Communication Engineering	Request Letter, Permission Letter,Brochure,Course Content, Attendance, Question Paper And Answer Key,Samples,Certificates	206
4	Electrical And Electronics Engineering	Request Letter, Permission Letter,Brochure,Course Content, Attendance, Question Paper And Answer Key,Samples,Certificates	222
5	Mechanical Engineering	Request Letter, Permission Letter,Brochure,Course Content, Attendance, Question Paper And Answer Key,Samples,Certificates	253
6	Mechatronics Engineering	Request Letter, Permission Letter,Brochure,Course Content, Attendance, Question Paper And Answer Key,Samples,Certificates	282
7	Masters Of Business Administration	Request Letter, Permission Letter,Brochure,Course Content, Attendance, Question Paper And Answer Key,Samples,Certificates	399
8	Masters Of Computer Application	Request Letter, Permission Letter,Brochure,Course Content, Attendance, Question Paper And Answer Key,Samples,Certificates	412

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1.2.2 Number of Add on /Certificate programs offered during the year

1.2.3 Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the
PHOTOVOLATIC SYSTEMS TOOLS AND TECHNIQUES	EEE	2022-23	1	30 Hrs	25	25
ENERGY PRODUCTION, DISTRIBUTION AND SAFETY	EEE	2022-23	1	30 Hrs	17	15
POWER ENGINEERING	EEE	2022-23	1	30 Hrs	25	25
INDUSTRIAL APPLICATION OF CONTROL SYSTEM	EEE	2022-23	1	30 Hrs	17	15
CUSTOM POWER DEVICES	EEE	2022-23	1	30 Hrs	15	15
POWER PLANT ENGINEERING	EEE	2022-23	1	30 Hrs	16	16
ARTIFICIAL INTELLIGENCE IN SMART GRID	EEE	2022-23	1	30 Hrs	16	16
VLSI Lab through VL	ECE	2022-23	1	30 Hrs	25	25
Rasperry Pi	ECE	2022-23	1	30 Hrs	25	25
Logic Design Through Virtual Lab	ECE	2022-23	1	30 Hrs	18	16
Internet of Things	ECE	2022-23	1	30 Hrs	18	15
Signals and Systems Lab through VL	ECE	2022-23	1	30 Hrs	36	36
Familiarization of VHDL/Verilog	ECE	2022-23	1	30 Hrs	36	36
Basics of Electronics Lab Through VL	ECE	2022-23	1	30 Hrs	46	42
Measuring Instruments and Transducers	ECE	2022-23	1	30 Hrs	46	44
DEEP LEARNING	CSE	2022-23	1	30 Hrs	380	380
ANDROID PROGRAMMING	CSE	2022-23	1	30 Hrs	380	380
INTRODUCTION TO PYTHON PROGRAMMING	CSE	2022-23	1	30 Hrs	380	380
TWO AND THREE WHEELER TECHNOLOGY	MTR	2022-23	1	30 Hrs	26	26
ARDUINO BASED EMBEDDED SYSTEM DESIGN	MTR	2022-2023	1	30 Hrs	29	29
ARDUINO BASED EMBEDDED SYSTEM DESIGN	MTR	2022-2023	1	30 Hrs	34	34
IMPORTANCE OF DIGITAL SECURITY	MCA	2022-2023	1	30 Hrs	60	60
Nanocomposites	ME	2022-23	1	30hrs	42	42
Training of Trainers	MBA	2022-23	1	12 weeks	60	55
Health Care Management	MBA	2022-23	1	30 hrs	45	42

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Since 1968

ADMISSION TO ADD-ON-COURSE (2022-23)

Applications are invited for admission for the Add-on Course 'Getting started with Android Programming' offered by the Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre,Pampady,Thrissur.

Eligibility Criteria:

All First Year UG Engineering students of CSE department are eligible.
Interested students can give their names to respective class advisors on or before 27-02-2023.

Timing:

2 hours per week during regular weekdays. Saturday may be used at the discretion of the Department.

Attendance:

A minimum of 75% attendance is required for writing the examination.

Important Dates:

Commencement of Classes: 03-03-2023

Examination Date:12-07-2023

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VALUE ADDED COURSE SYLLABUS

SUBJECT: ANDROID PROGRAMMING

SL. NO.	TOPIC	TOTAL NO. OF HOURS	WEIGHTAGE OF MARKS (IN %)
I	Introducing the android computing platform – History of android -- Android software stack – Developing end user application using Android SDK – Android java packages – Setting up the development environment, installing android development tools. Fundamental components – android virtual devices – Running on real device – Structure of android application – application life cycle	11	40%
II	Understanding android resources – String resources, Layout resources, Resource reference syntax, Defining own resources – String arrays – plurals - color resources, dimension resources, image resources.	9	30%
III	User interfaces development in android – building UI completely in code, UI using XML – UI in XML with code. Android common controls – Text controls, button controls, checkbox control, radio button controls, image view, date and time controls, map view control - Data storage options in android.	10	30%

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Add on Course

On



The Ultimate Guide to

Android

App Development

Nehru College of Engineering & Research Centre

Organized By

Department of Computer Science & Engineering

Coordinator:

Ms. MINU AUGUSTINE

(Assistant Professor Dept.of CSE NCERC)

About the Course

This add on course of Android Programming is for beginners and covers all the key concepts of basics of android function creating intuitive, reliable services using the android services and components.

The course starts with the introduction of Android Programming.

Creates a successful business of your own in the field of android programming. To understand the application of life cycle and the android resources, string resources, image resources and the basic concepts of UI using XML concepts.

About the Department

The Department of Computer Science and Engineering was established in the year 2002 with the mission to educate students from all over India, including those from rural areas, so that they become enlightened individuals, improving living standard for their family, industry and society. In 2002, the department is started with B. Tech of single batch with sanctioned intake of 60 students. In 2014, department is grown up with the sanctioned of 120 students of 2 batches. One of the most sought after courses amongst engineering students, Computer Science and Engineering (CSE) is an academic programme which integrates the field of Computer Engineering and Computer Science.

VISION

Producing Highly Competent, Innovative and Ethical Computer Science and Engineering Professionals to facilitate continuous technological advancement.

MISSION

1: To impart Quality Education by creative Teaching Learning Process.

2: To promote cutting-edge Research and Development Process to solve real world problems with emerging technologies.

3: To inculcate Entrepreneurship Skills among Students.

DEPARTMENT OF :

Name of the Faculty : Minu Augustine

Branch / Course : B-Tech CSE

Year & Semester : S6 CSE B

Subject Code : Add on

Name of the Subject : Android Programming

Objective of the Course : To study the basics of android function: creating intuitive, reliable services using the android services and components.
Create a successful business of your own in the field of android programming

RECORD CHECKING

Month	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Initial of HOD												
Initial of Principal												

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Final Verification By

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LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
	Module - I							
1	Introducing the android computing platform				3/3/23	3/3/23		
2	History of android	Reference	Lecture					
3	Android software stack				29/3/23	29/3/23		
4	Developing end user Android SDK				12/4/23	12/4/23		
5	Android Java packages.	Referenc	Lecture		18/4/23	18/4/23		
6	Setting up the development environment							
7	Installing android development tools				28/4/23	28/4/23		
8	Android virtual devices	Refrenc	Lecture		1/5/23	1/5/23		
9	Running on real device							
10	Structure of android application				2/5/23	2/5/23		
11	Running on real device							
12	Structure application life cycle.							

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LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
	Module - II							
1.	Understanding android resources				9/5/23	9/5/23		
		Refrence						
2	String resources Layout resources		PPT					
3	Resource Reference Syntax		Lecture		10/5/23	10/5/23		
4	Defining own resources String arrays plurars	Text			10/5/23	10/5/23		
5	Color resources		Lecture		11/5/23	11/5/23		
6	dimension resources	Refrence			12/5/23	11/5/23		
7	image resources							

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LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
	Module III							
1	User interfaces development in android	Text.			15/5/23	15/6/23		
			Lecture		16/5/23	16/6/23		
2	building UI Completely in Code		PPT					
3	UI using XML	Text.			24/5/23	24/6/23		
4	UI in XML with code		Lecture		26/5/23	26/6/23		
5	Android Common controls							
6	Text controls							
7	Button controols	Text.			1/6/23	1/6/23		
	Checkbox Control.				2/6/23	2/6/23		
8	radio button controls - Syntax				9/6/23	9/6/23		
	image View		Lecture					
9	dat & time Controls	Reference.			12/6/23	12/6/23		
	map view control	1B3						
10	Styles & themes -				16/6/23	19/6/23		
11	Data Storage options in android.							

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Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
					22/6/23	22/6/23		
12	Android applications							
13	Data storage options				24/6/23	24/6/23		
14	Control functions & overview				27/6/23	27/6/23		

07.07.2023

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B.TECH CSE – S6 CSE B

Sl.No	Register No	Name
1	NCE20CS045	GOPIKA SREEJITH
2	NCE20CS046	GOUTHAM KRISHNA C M
3	NCE20CS047	HABIN C BINOY
4	NCE20CS048	HARIKRISHNAN C N
5	NCE20CS049	HARIKRISHNAN K
6	NCE20CS050	HEMENTH J
7	NCE20CS051	IRFAN K N
8	NCE20CS052	JISHA P B
9	NCE20CS053	JYOTHIRADITHYA M
10	NCE20CS054	KAILAS K
11	NCE20CS055	KRISHNA ANAND
12	NCE20CS056	LERIESHA S MATHEW
13	NCE20CS057	MABLE SEBASTIAN
14	NCE20CS058	MAYA M
15	NCE20CS059	MOHAMMED SABIQ
16	NCE20CS060	MUHAMMED RAMEEZ C A
17	NCE20CS062	NANDAN K
18	NCE20CS063	NANDHANA P K
19	NCE20CS064	NIDHEESH K S
20	NCE20CS065	NIKHIL P
21	NCE20CS066	NITHIN ARAVIND
22	NCE20CS067	PAVITHRA S
23	NCE20CS068	POOJA G
24	NCE20CS069	PRAJITH P G
25	NCE20CS070	RANJITH R
26	NCE20CS071	ROHITH P
27	NCE20CS072	ROSHNA KABEER

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28	NCE20CS073	SAFEEDA P
29	NCE20CS074	SANJAY KRISHNA C
30	NCE20CS075	SARATH KRISHNAN P V
31	NCE20CS076	SHAFRIN FATHIMA H S
32	NCE20CS077	SIDHARTH P V
33	NCE20CS078	SIMI R
34	NCE20CS079	SIYANA A
35	NCE20CS080	SNEHA THOMAS
36	NCE20CS081	SREEKUMAR T
37	NCE20CS082	SURYA T
38	NCE20CS083	SUVARNA R
39	NCE20CS084	VAISHNAV ASHOK
40	NCE20CS085	VAISHNAV U
41	NCE20CS086	VANDHANA V R
42	NCE20CS087	VARSHA K
43	NCE20CS088	VIDUL K R
44	NCE20CS089	VISHNU J
45	NCE20CS090	YADHUKRISHNAN U

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Name	Register No:	Marks (30 marks)
SIYANA A	NCE20CS079	30
Kailas k	NCE20CS054	30
VARSHA K	NCE20CS087	29
Nidheesh ks	NCE20CS064	30
Mohammed sabiq	NCE20CS059	28
Harikrishnan K	NCE20CS049	30
Nithin Aravind	NCE20CS066	30
Shafrin fathima H S	NCE20CS076	27
JISHA P B	NCE20CS052	30
Ranjith.R	NCE20CS070	27
SARATH KRISHNAN P	NCE20CS075	29
Hementh j	NCE20CS050	29
Safeeda. P	NCE20CS073	30
Surya T	NCE20CS082	27
Sidharth p v	NCE20CS077	28
Vaishnav Ashok	NCE20CS084	28
Suvarna R	NCE20CS083	30
PAVITHRA S	NCE20CS067	25
Goutham krishna c m	NCE20CS046	30
Muhammed rameez c	NCE20CS060	30
Leriesha S Mathew	NCE20CS056	30
Sreekumar.T	NCE20CS081	25
Harikrishnan CN	NCE20CS048	30
Krishna Anand	NCE20CS055	30
Sanjay Krishna c	NCE20CS074	30
Maya M	NCE20CS058	30
Rohith P	NCE20CS071	28
Vidul.k.r	NCE20CS088	30
Prajith P G	NCE20CS069	28
Roshna kabeer	NCE20CS072	29
Gopika Sreejith	NCE20CS045	30
Simi R	NCE20CS078	30
Vandhana V R	NCE20CS086	30
Sneha Thomas	NCE20CS080	30
Nandhana PK	NCE20CS063	30
Nikhil P	NCE20CS065	30
Pooja g	NCE20CS068	30
Jyothiradithya	NCE20CS053	30
Mable Sebastian	NCE20CS057	27
Nandan k	NCE20CS062	30
IRFAN K N	NCE20CS051	28
VISHNU J	NCE20CS089	30
Yadhu Krishnan u	NCE20CS090	30
Habin C Binoy	NCE20CS047	30

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Name	Register No:	Marks (30 marks)
SIYANA A	NCE20CS079	30
Kailas k	NCE20CS054	30
VARSHA K	NCE20CS087	29
Nidheesh ks	NCE20CS064	30
Mohammed sabiq	NCE20CS059	28
Harikrishnan K	NCE20CS049	30
Nithin Aravind	NCE20CS066	30
Shafrin fathima H S	NCE20CS076	27
JISHA P B	NCE20CS052	30
Ranjith.R	NCE20CS070	27
SARATH KRISHNAN P	NCE20CS075	29
Hementh j	NCE20CS050	29
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Surya T	NCE20CS082	27
Sidharth p v	NCE20CS077	28
Vaishnav Ashok	NCE20CS084	28
Suvarna R	NCE20CS083	30
PAVITHRA S	NCE20CS067	25
Goutham krishna c m	NCE20CS046	30
Muhammed rameez c	NCE20CS060	30
Leriesha S Mathew	NCE20CS056	30
Sreekumar.T	NCE20CS081	25
Harikrishnan CN	NCE20CS048	30
Krishna Anand	NCE20CS055	30
Sanjay Krishna c	NCE20CS074	30
Maya M	NCE20CS058	30
Rohith P	NCE20CS071	28
Vidul.k.r	NCE20CS088	30
Prajith P G	NCE20CS069	28
Roshna kabeer	NCE20CS072	29
Gopika Sreejith	NCE20CS045	30
Simi R	NCE20CS078	30
Vandhana V R	NCE20CS086	30
Sneha Thomas	NCE20CS080	30
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Habin C Binoy	NCE20CS047	30

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Android Programming-MCQ

Add on - S6 CSE B

1. 1) Android is -

   Mark only one oval.

   - an operating system
   - a web browser
   - a web server
   - None of the above

2. 2)Under which of the following Android is licensed?

   Mark only one oval.

   - OSS
   - Sourceforge
   - Apache/MIT
   - None of the above

3. 3)For which of the following Android is mainly developed?

   Mark only one oval.

   - Laptops
   - Servers
   - Desktops
   - Mobile devices

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4. 4)Which of the following is the first mobile phone released that ran the Android OS?

Mark only one oval.

- HTC Hero
- Google gPhone
- T - Mobile G1
- None of the above

5. 5)Which of the following virtual machine is used by the Android operating system

Mark only one oval.

- JVM
- Dalvik virtual machine
- Simple virtual machine
- None of the above

6. 6)Android is based on which of the following language?

Mark only one oval.

- Java
- C++
- C
- None of the above

7. 7) APK stands for -

Mark only one oval.

- Android Phone Kit
- Android Page Kit
- Android Package Kit
- None of the above

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8. 8) What does API stand for?

Mark only one oval.

- Application Programming Interface
- Android Programming Interface
- Android Page Interface
- Application Page Interface

9. 9) Which of the following converts Java byte code into Dalvik byte code?

Mark only one oval.

- Dalvik converter
- Dex compiler
- Mobile interpretive compiler (MIC)
- None of the above

10. 10) How can we stop the services in android?

Mark only one oval.

- By using the stopSelf() and stopService() method
- By using the finish() method
- By using system.exit() method
- None of the above

11. 11) What is an activity in android?

Mark only one oval.

- android class
- android package
- A single screen in an application with supporting java code
- None of the above

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12. 12) How can we kill an activity in android?

Mark only one oval.

- ◯ Using finish() method
- ◯ Using finishActivity(int requestCode)
- ◯ Both (a) and (b)
- ◯ Neither (a) nor (b)

13. 13) ADB stands for -

Mark only one oval.

- ◯ Android debug bridge
- ◯ Android delete bridge
- ◯ Android destroy bridge
- ◯ None of the above

14. 14) On which of the following, developers can test the application, during developing the android applications?

Mark only one oval.

- ◯ Third-party emulators
- ◯ Emulator included in Android SDK
- ◯ Physical android phone
- ◯ All of the above

15. 15) Which of the following kernel is used in Android?

Mark only one oval.

- ◯ MAC
- ◯ Windows
- ◯ Linux
- ◯ Redhat

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16. 16) Which of the following is the first callback method that is invoked by the system during an activity life-cycle?

Mark only one oval.

- onClick() method
- onCreate() method
- onStart() method
- onRestart() method

17. 17) Which of the following is not an activity lifecycle callback method?

Mark only one oval.

- onClick() method
- onCreate() method
- onStart() method
- onBackPressed() method

18. 18) We require an AVD to create an emulator. What does AVD stand for?

Mark only one oval.

- Android Virtual device
- Android Virtual display
- Active Virtual display
- Active Virtual device

19. 19) What is the use of content provider in Android?

Mark only one oval.

- For storing the data in the database
- For sharing the data between applications
- For sending the data from an application to another application
- None of the above

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20. 20) AAPT stands for -

Mark only one oval.

- Android Activity Packaging Tool
- Android Asset Packaging Tool
- Android Action Packaging Tool
- None of the above

21. 21) NDK stands for -

Mark only one oval.

- Native Development Kit
- New Development kit
- Native Design Kit
- None of the above

22. 22) Which of the following is contained in the src folder?

Mark only one oval.

- XML
- Java source code
- Manifest
- None of the above

23. 23) Which of the following method is used to handle what happens after clicking a button?

Mark only one oval.

- onClick
- onCreate
- onSelect
- None of the above

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24. 24) Which of the following android component displays the part of an activity on screen?

Mark only one oval.

- Manifest
- Intent
- Fragment
- View

25. 25) Which of the following is the parent class of Activity?

Mark only one oval.

- context
- object
- contextThemeWrapper
- None of the above

26. 26) Which of the following is the parent class of service?

Mark only one oval.

- context
- object
- contextThemeWrapper
- contextWrapper

27. 27) Which of the following is the name of the Android version 1.5?

Mark only one oval.

- Eclair
- Froyo
- Cupcake
- Donut

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28. 28) Which of the following is the name of the Android version 1.6?

Mark only one oval.

- Eclair
- Froyo
- Cupcake
- Donut

29. 29) Which of the following is the topmost layer of android architecture?

Mark only one oval.

- System Libraries and Android Runtime
- Linux Kernel
- Applications
- Applications Framework

30. 30) What is contained in manifest.xml?

Mark only one oval.

- Source code
- List of strings used in the app
- Permission that the application requires
- None of the above

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Pampady
Thiruvilwamala
Thrissur - 680588

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Google Forms

	Reg. No.	Name	Students Profile		
			CGPA	Arrears	Host / Pvt.Host./DS
1	NER20CS045	GOPIKA SREEJITH			
2	46	GOUTHAM KRISHNA C M			
3	47	HABIN C BINOY			
4	48	HARIKRISHNAN C N			
5	49	HARIKRISHNAN K			
6	50	HEMANTH J			
7	51	IRFAN K N			
8	52	JISHA P B			
9	53	JYOTHIRADITHYA M			
10	54	KAILAS K			
11	55	KRISHNA ANAND			
12	56	LEKESHA ANAND			
13	57	MABLE SEBASTAIN			
14	58	MAYA M			
15	59	MUHAMMED SABIQ			
16	60	MUHAMMED RAMEEZ C A			
17	61	NANDHAJA P G			
18	62	NANDAN K			
19	63	NANDHANA P K			
20	64	NIDHEESH K S			
21	65	NIKHIL P			
22	66	NITHIN ARAVIND			
23	67	PAVITHRA S			
24	68	POOJA G			
25	69	PRAJITH P G			
26	70	RANGITH R			
27	71	ROHIT P			
28	72	ROSHNA KABEER			
29	73	SAFEEDA P			
30	74	SANJAY KRISHNA C			
31	75	SARATH KRISHNAN P V			
32	76	SHAFRIN FATHIMA			
33	77	SIDHARTH PV			
34	78	SONA P			
No. of Absentees					
Initial of the Faculty					

	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo	March			April				June		April			
Dt.	3	28	29	12	18	28	29	1	29	10	15	15	18
Hr.	4	5	6	5	6	5	2	2	5	5	2	2	5
1	a	a	A	/	/	/	A	A	/		/	/	/
2	/	/	/	/	A	A	/	/	/	/	/	/	/
3	A	/	/	/	/	/	/	/	/	/	/	/	/
4	/	a	A	/	/	A	/	A	/	/	/	/	/
5	/	a	/	/	/	A	/	A	/	/	/	/	/
6	A	A	/	/	/	A	/	/	A	/	/	/	/
7	A	a	/	/	A	A	/	/	/	/	/	/	/
8	a	a	/	/	/	/	A	/	/	/	/	/	/
9	/	a	/	/	/	/	/	/	/	/	/	/	/
10	a	a	/	/	/	/	/	A	/	/	/	/	/
11	a	a	/	/	/	A	/	/	/	/	/	/	/
12	a	a	/	/	/	/	/	/	/	/	/	/	/
13	a	a	/	/	/	/	/	A	A	/	/	/	/
14	a	a	/	/	/	/	A	/	/	/	/	/	/
15	a	/	/	/	/	A	/	/	/	/	/	/	/
16	a	/	/	/	/	A	/	A	/	/	/	/	/
17	A	A	A	A	A	A	A	A	A	A	A	A	A
18	a	a	/	A	/	/	/	/	/	/	/	/	/
19	A	A	/	/	A	/	/	A	/	/	/	/	/
20	/	/	/	/	/	/	/	/	/	/	/	/	/
21	a	a	/	/	/	/	/	A	A	/	/	/	/
22	a	/	/	/	/	A	/	/	/	A	/	/	/
23	a	a	/	/	/	A	/	/	/	/	/	/	/
24	a	a	/	/	/	/	/	A	/	/	/	/	/
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26	a	/	/	/	/	/	/	/	/	/	/	/	/
27	a	a	/	/	/	/	/	A	/	/	/	/	/
28	a	a	/	/	/	/	/	/	/	/	/	/	/
29	a	a	/	/	/	/	/	A	/	/	/	/	/
30	a	a	/	/	/	/	/	/	/	/	/	/	/
31	a	/	/	A	/	/	/	/	/	/	/	/	/
32	a	a	/	/	/	/	/	/	/	/	/	/	/
33	/	/	/	/	/	A	/	/	/	/	/	/	/
34	A	A	/	/	/	/	/	/	/	/	/	/	/
	27	23	0	3	4	12	0	8	6	3	0	0	0
	M	M	M	M	M	M	M	M	M	M	M	M	M

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	Reg. No.	Nam
1	NCE20CS045	GOPIKA SREE
2	46	GOUTHAM KRIS
3	47	HABIN C BIN
4	48	HARIKRISHNA
5	49	HARIKRISHNA
6	50	HEMANTH
7	51	IRFAN K
8	52	JISHA P
9	53	JYOTHIRADITH
10	54	KAILAS
11	55	KRISHNA
12	56	LEKESHA AN
13	57	MABLE SE
14	58	MAYA N
15	59	MUHAMMED
16	60	MUHAMMED
17	61	NANDHAJA
18	62	NANDAN
19	63	NANDHANA
20	64	NIDHEESH
21	65	NIKHIL
22	66	NITHIN
23	67	PAVITHI
24	68	POOJA
25	69	PRAJITH P
26	70	RANGITH
27	71	ROHIT
28	72	ROSHNA
29	73	SAFEEDA
30	74	SANJAY K
31	75	SARATH KRI
32	76	SHAFRIN
33	77	SIDHARTH
34	78	SIMI R
	No. of Absentees	
	Initial of the Faculty	

Mo.	14	15	16	17	18	19	20	21	22	23	24	25	26
							June.						
Dt.	15	16	17	19	21	24	26	1	2	9	12	19	22
Hr.	2	2	2	3	2	2	2	2	5	6	5	4	5
1	/	/	/	/	/	/	/	A	/	/	/	A	/
2	/	A	/	/	A	/	/	/	/	/	/	A	A
3	/	/	/	/	/	/	/	/	/	/	/	A	/
4	/	/	/	/	/	/	A	/	/	/	/	A	/
5	/	/	/	/	/	A	/	/	/	/	/	A	/
6	/	/	/	A	/	/	/	/	A	/	/	A	A
7	/	/	A	/	/	/	/	/	/	/	/	/	/
8	A	/	/	/	/	/	A	/	/	/	A	/	
9	/	/	/	/	/	/	/	/	/	/	A	/	
10	/	A	/	/	/	/	/	A	/	/	A	/	
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13	/	/	/	/	/	/	A	A	/	/	A	/	
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17	A	A	A	A	A	A	A	A	A	/	A	A	
18	/	/	/	/	/	/	/	/	/	/	A	/	
19	/	/	/	A	/	/	/	A	A	/	/	A	/
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22	/	/	/	/	/	/	/	/	A	/	A	A	
23	A	/	/	/	/	/	/	/	/	/	/	/	/
24	/	/	/	/	A	/	/	A	/	/	/	/	/
25	/	/	/	/	/	/	/	/	/	/	/	A	A
26	/	/	/	/	/	/	/	/	/	/	/	A	/
27	/	/	/	/	/	/	/	/	A	/	/	A	A
28	/	/	/	A	/	/	/	/	/	/	/	A	/
29	/	/	/	/	/	/	A	/	/	/	A	/	
30	A	/	/	/	/	/	/	/	/	/	/	/	A
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33	/	/	/	/	/	/	/	/	/	/	/	A	/
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Mo.	27	28	29	30	31	32	33	34	35	36	37	38	39
Dt.	22	24	26	27									
Hr.	6	2	3	3									
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17	A	A	A	A									
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27	A	/	A	/									
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Nehru College of Engineering and Research Centre
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Thiruvilwamala, Thrissur - 680588

	Reg. No.	Name	Students Profile CGPA	Arrears	Host/ Pvt.Host./DS
35	79	SIYANA A			
36	80	SNEHA THOMAS			
37	81	SREEKUMAR T			
38	82	SURYA T			
39	83	SUVARNA R			
40	84	VAISHNAV ASHOK			
41	85	VAISHNAV U			
42	86	VANDHANA V R			
43	87	VARSHA K			
44	88	VIDHUL K R			
45	89	VISHNU J			
46	90	YADHU KRISHNAN U			
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68					
No. of Absentees					
Initial of the Faculty					

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Thrissur - 680588

	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo.	March												
Dt.	3	28	29	2	28	28	29	1	2	9	10	11	12
Hr.	4	4	6	5	5	5	2	2	5	5	2	2	2
35	A	A	/	/	A	/	/	A	A	/	/	/	/
36	A	A	/	/	/	/	/	A	A	/	/	/	/
37	/	/	/	/	/	A	/	/	/	/	/	/	/
38	a	a	/	/	/	A	/	/	/	/	/	/	/
39	a	a	/	/	/	/	/	/	/	A	/	/	/
40	/	/	/	/	/	A	/	/	/	/	/	/	/
41	a	a	/	/	/	/	/	/	/	/	/	/	/
42	a	a	/	/	/	/	/	/	/	/	/	/	/
43	a	a	/	/	/	/	/	A	/	/	/	/	/
44	a	/	/	/	/	/	/	/	/	/	/	/	/
45	a	a	/	A	/	/	/	/	/	/	/	/	/
46	a	/	/	/	/	A	/	/	/	/	/	/	/
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68													
	10	8	0	1	1	4	0	3	1	0	0	0	

	Reg. No.	Name
35	79	SIYANA
36	80	SNEHA THON
37	81	SREEKUMA
38	82	SURYA
39	83	SUVARNA
40	84	VAISHNAV
41	85	VAISHNAV
42	86	VANDHANA
43	87	VARSHA
44	88	VIDHUL K
45	89	VISHNU
46	90	YADHU KRIS
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68		
No. of Absentees		
Initial of the Faculty		

PRINCIPAL
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Nehru College of Engineering and Research Centre (Autonomous)
Nila Gardens
Pampady
Thiruvilwamala
Thrissur - 680588

	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo.							June						
Dt.	15	16	17	19	21	24	26	1	2	9	12	19	22
Hr.	2	2	2	3	2	2	2	2	5	6	5	4	6
35	/	/	/	/	/	/	/	A	A	/	/	A	A
36	/	/	/	/	/	/	/	A	/	/	/	A	/
37	/	/	/	/	/	/	/	/	/	/	/	A	A
38	/	/	/	/	/	/	/	/	/	/	/	/	/
39	/	/	/	/	/	/	/	/	A	/	/	A	/
40	/	/	/	/	/	/	/	/	/	/	/	A	/
41	/	/	/	/	/	/	/	/	/	/	/	A	/
42	/	/	/	/	/	/	/	/	/	/	/	A	/
43	/	/	/	/	/	/	/	A	/	/	/	A	/
44	/	/	/	/	/	/	/	/	/	/	/	A	/
45	/	/	/	/	/	/	/	/	/	/	/	/	/
46	/	/	/	/	/	/	/	/	/	/	/	/	A
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68													
	0	0	0	0	0	0	0	3	1	1	0	1	3

07.07.2022

	27	28	29	30	31	32	33	34	35	36	37	38	39
Mo.													
Dt.	22	24	26	27									
Hr.	6	2	3	3									
35	A	/	/	/									
36	/	/	/	/									
37	A	/	/	/									
38	/	A	/	/									
39	/	/	/	/									
40	/	/	/	A									
41	/	/	/	/									
42	/	A	/	/									
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	8	8	11										

From

CSE department,
NCERC Pampady

TO

The Principal
NCERC Pampady

SUBJECT: Request for Conducting a Certificate Course, Reg.

Respected Sir,

Students need a deep understanding of upcoming methodologies to enhance the knowledge. So, computer science and engineering department would like to conduct a certificate course on ANDROID PROGRAMMING for S2, S4 , S6 and S8 students. It will be a 30-hour course scheduled for February-June of this academic year 2022-2023. Kindly request you to give the permission for the same. The syllabus of the individual course is attached for the reference.

Thank you for your consideration. I look forward for your response soon.

Yours Sincerely,

Forwarded to Principal through HOD

PRINCIPAL
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Thiruvilwamala, Thrissur - 680588

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Pampady
Thiruvilwamala
Thrissur - 680588

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Pampady, Thiruvilwamala, Thrissur (Dist)- 680588

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

Accredited by NAAC | ISO 9001:2015 certified institution

CERTIFICATE

This is to certify that Ms./Mr. Harikrishnan K has successfully completed the add-on course on Android Programming conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

Program Coordinator

Head of Department

PRINCIPAL

Nehru College of Engineering and Research Centre (AUTONOMOUS)

Nila Gardens Pampady Thiruvilwamala Thrissur - 680588

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Pampady, Thiruvilwamala, Thrissur (Dist)- 680588

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Accredited by NAAC | ISO 9001:2015 certified institution

CERTIFICATE

This is to certify that Ms./Mr. .....Vidul K R..... has successfully completed the add-on course on .....Android Programming..... ..... conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

Program Coordinator

Head of Department

PRINCIPAL
Nehru College of Engineering and Research Centre (Autonomous)
Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

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CERTIFICATE

This is to certify that Ms./Mr. ....Nagmul Huda..... has successfully completed the add-on course on .....Android Programming..... ..... conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

Program Coordinator

Head of Department

Nehru College of Engineering and Research Centre (Autonomous) Nila Gardens Pampady Thiruvilwamala Thrissur - 680588

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Nehru College of Engineering and Research Centre (Autonomous)
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Pampady, Thiruvilwamala, Thrissur (Dist)- 680588

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CERTIFICATE

This is to certify that Ms./Mr. ....Vaishnav Ashok..... has successfully completed the add-on course on .....Android Programming..... ..... conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

Program Coordinator

Head of Department

PRINCIPAL
Nehru College of Engineering and Research Centre (Autonomous)
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Thiruvilwamala, Thrissur - 680588

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Pampady
Thiruvilwamala
Thrissur - 680588

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Pampady, Thiruvilwamala, Thrissur (Dist)- 680588

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

Accredited by NAAC | ISO 9001:2015 certified institution

CERTIFICATE

This is to certify that Ms./Mr. .....Sruthy Sree..... has successfully completed the add-on course on .....Android Programming..... ..... conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

Program Coordinator

PRINCIPAL
Nehru College of Engineering and Research Centre (Autonomous)
Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

Head of Department

Nila Gardens
Pampady
Thiruvilwamala
Thrissur - 680588

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

(NAAC Re Accredited with A Grade)

(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Kerala)

Since 1968

ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: ANDROID PROGRAMMING

Reg No	Name	No. of Hours														
		16 Apr	17 Apr	18 Apr	19 Apr	20 Apr	21 Jun	22 Jun	23 Jun	24 Jun	25 Jun	26 Jun	27 Jun	28 Jun	29 Jun	30 Jun
		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
NCE19CS001	ABHIJNA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS002	ABHISHEK R	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS003	ABIJITH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS004	ABILASH N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS005	ADARSH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS006	AKHILA K M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS007	ALBIN JOSEPH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS008	ALEENA SHIBU	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓
NCE19CS010	AMAL K C UNNI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS011	AMAL O P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	AB	✓	✓
NCE19CS012	AMRUTHA P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS014	ANAND K B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS015	ANASWARA C P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB
NCE19CS016	ANJALI M A	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS017	ANOOP ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
NCE19CS018	ANUPAVITHRA P B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS019	ARCHA ANAND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: ANDROID PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE19CS001	ABHINAV P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS002	ABHISHEK R	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS003	ABIN THAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS004	ABILASH N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS005	ADARSH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS006	AKHILA K M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS007	ALBIN JOSEPH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS008	ALEENA SHIBU	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓
NCE19CS010	AMALKOLUNNI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS011	AMAL O P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	AB	✓	✓
NCE19CS012	AMRUTHA P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS014	ANAND K B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS015	ANASMARA C P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB
NCE19CS016	ANJALI M A	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS017	ANOOP ANILKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
NCE19CS018	ANUPAMA THRAPB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS019	ARCHA ANAND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE19CS020	ARCHANA C V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS021	ARCHA P S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS022	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS023	ARJUN RAJ K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS024	ARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS025	ASWATHY SUBRAMANIAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS026	ASWIN DAS M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS027	ASWIN T T	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS029	BHAVYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS030	GEETHU K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS031	GOKILA KRISHNAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS032	GOKULAN G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS033	GOPIKA G KRISHNAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS034	HARIKRISHNAN M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS035	HAROON AL SHAJI C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS036	IRFAN M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS037	IRSHAD K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS038	JAGATH V MADHAVAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS039	JYOTHIKA V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS040	KAVYA K B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓

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		Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun
		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
[illegible]	ARCHANA C V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ARCHA P S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
[illegible]	ARJUN RAJ K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
[illegible]	ASWATHY SUBRAMANIAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ASWIN DAS M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ASWIN T T	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	BHAVYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
[illegible]	GEETHU K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	GOKULA KRISHNAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	GOKULAN G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	GOKULA G KRISHNAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	HARIKRISHNAN M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	HAROON AL SHAH C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	IRFAN M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	JASHAD K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	JAGATH V MADHAVAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	KOTHILA V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	LAKSHMI B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓

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		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE19CS041	LAKSHMI SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS042	LEKHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS043	MANJU SURENDRAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS044	M ARJUN MURALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS045	M A SWATHI KRISHNA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS047	MIDHUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS048	MOHAMED ANAS A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS049	MOHAMMED SALIH S A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS050	M PREETHIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS051	MUHAMMED FAADHIL K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS052	NIGHIL KRISHNA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS053	NIKHIL P GOPINATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS054	NIMA P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS055	NIVYA IGNATIOUS	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS056	PRAJITH PRASAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS057	P SYAMALA KRISHNA PRIYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS058	P T ERICK MON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS059	RAHUL RAMKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS061	SANDRA K SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
NCE19CS041	LAKSHMI SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS042	LEKHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS043	MANJU SURENDRAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS044	M ARJUN MURALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS045	M A SWATHI KRISHNA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS047	MIDHUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS048	MOHAMED ANAS A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS049	MOHAMMED SALIH S A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS050	M PREETHIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS051	MUHAMMED FAADHIL K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS052	NIGHIL KRISHNA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS053	NIKHIL P GOPINATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS054	NIMA P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS055	NIVYA IGNATIOUS	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS056	PRAJITH PRASAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS057	P SYAMALA KRISHNA PRIYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS058	P T ERICK MON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS059	RAHUL RAMKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS061	SANDRA K SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE19CS062	SANJAY M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS063	SHAIFULLA J P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS064	SOUMYA P R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS065	SREELAKSHMI G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS066	SREESHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS067	SRIHARI B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS068	SRILAYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS069	SURAJ S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS070	SURYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS071	SUSHAMA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS072	SWATHY U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS073	THARUN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS074	THEJUS SREEJITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS075	VARSHA A NAIR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS076	VISHNU N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS077	ZEBA KADHEEJA Z	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE19CS078	SREEKUMAR P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRINCIPAL
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Since 1968

ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: ANDROID PROGRAMMING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun
		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
NCE19CS062	SANJAY M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS063	SHAIFULLA J P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS064	SOUMYA P R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS065	SREELAKSHMI G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS066	SREESHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS067	SRIHARI B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS068	SRILAYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS069	SURAJ S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS070	SURYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS071	SUSHAMA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS072	SWATHY U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS073	THARUN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS074	THEJUS SREEJITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS075	VARSHA A NAIR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS076	VISHNU N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS077	ZEBA KADHEEJA Z	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE19CS078	SREEKUMAR P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE22CS059	GISHAL S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS061	HANZIL K H	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS062	HARINANDANA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS063	HARINANDANA V A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS064	IJAS AHAMMED N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS065	INARA BASHEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS066	JISHON JACOB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS067	JISS JOHNY	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS068	JOSEPH SIBY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS069	JOYAL SAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS070	KEERTHANA SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS071	KHADEEJA SHABEER AHAMMED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS072	K M GOPIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS073	KRISHNENDU K V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS074	MINSIYAMOL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS075	MOHAMMED FIRHAZ P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS076	MOHAMMED KAIF S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS077	MOHAMMED SHAHIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS078	MOHAMMED SIDHAN N M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS079	MUHAMMED ANAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS080	MUHAMMED SHIFAS A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS081	NANDANA A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Since 1968

ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: ANDROID PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE22CS082	NANDITA P NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS083	NAVAJOTH P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS084	NEERAJ PRADEESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS085	NEHAL K DAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS086	NIBA NAUFAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS087	NIJUVAL B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS088	P ASWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS089	PRANAV P MENON	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS090	PRATHYUSHA SUNIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS091	PRAVEEN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS092	PRINISHA P J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS093	P SURAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS094	ROHAN R MENON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS095	ROHITH T C	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS096	SANJAY KARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS097	S ANUPAMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS098	SASILEKHA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS099	SAYOOJ S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS100	SEKKEENA KHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS101	SHAHANA FATHIMA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS102	SHAHINA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS103	SHAHIN S MUSTAFFA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: ANDROID PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE22CS082	NANDITA P NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS083	NAVAJOTH P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS084	NEERAJ PRADEESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS085	NEHAL K DAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS086	NIBA NAUFAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS087	NIDUVAL B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS088	P ASWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS089	PRANAV P MENON	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS090	PRATHYUSHA SUNIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS091	PRAVEEN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS092	PR[illegible]SHA P J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS093	P S [illegible]RAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS094	ROHAN P MENON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS095	[illegible]S [illegible]T C	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS096	SANJAY KARUNS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS097	SANJANA [illegible]	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS098	SREELEKHA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS099	SR[illegible]S [illegible]	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS100	SREEVEENA KHANDYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS101	SHAHANA FATHIMA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS102	SHA[illegible]NA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS103	SHA[illegible]M [illegible]AREA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRINCIPAL
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Since 1966

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE22CS104	SHAMSIYYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS105	SHIJITH MURALI	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS106	SHINOJ K T	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS107	SNEHA SOMAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS108	SRADHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS109	SREERAM C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS110	SREERAM S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS111	SREESHA M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS112	SURYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS114	VISHNU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS115	VISHNU S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NAVODH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRINCIPAL
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		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun
		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
NCE22CS059	GISHAL S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS061	HANZIL K H	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS062	HARINANDANA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS063	HARINANDANA V A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS064	IJAS AHAMMED N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS065	INARA BASHEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS066	JISHON JACOB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS067	JISS JOHNY	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS068	JOSEPH SIBY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS069	JOYAL SAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS070	KEERTHANA SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS071	KHADEEJA SHABEER AHAMMED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS072	K M GOPIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS073	KRISHNENDU K V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS074	MINSIYAMOL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS075	MOHAMMED FIRHAZ P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS076	MOHAMMED KAIF S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS077	MOHAMMED SHAHIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS078	MOHAMMED SIDHAN N M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS079	MUHAMMED ANAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS080	MUHAMMED SHIFAS A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS081	NANDANA A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: ANDROID PROGRAMMING

Reg No	Name	No. of Hours														
		16 Apr 17	17 Apr 19	18 Apr 21	19 Apr 24	20 Apr 26	21 Jun 1	22 Jun 2	23 Jun 9	24 Jun 12	25 Jun 19	26 Jun 22	27 Jun 22	28 Jun 24	29 Jun 26	30 Jun 27
NCE22CS082	NANDITA P NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS083	NAVAJOTH P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS084	NEERAJ PRADEESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS085	NEHAL K DAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS086	NIBA NAUFAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS087	NIJUVAL B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS088	P ASWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS089	PRANAV P MENON	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS090	PRATHYUSHA SUNIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS091	PRAVEEN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS092	PRINISHA P J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS093	P SURAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS094	ROHAN R MENON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS095	ROHITH T C	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS096	SANJAY KARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS097	S ANUPAMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS098	SASILEKHA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS099	SAYOOJ S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS100	SEKKEENA KHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS101	SHAHANA FATHIMA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS102	SHAHINA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS103	SHAHIN S MUSTAFFA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE22CS104	SHAMSIYYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS105	SHIJITH MURALI	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS106	SHINOJ K T	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS107	SNEHA SOMAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS108	SRADHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS109	SREERAM C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS110	SREERAM S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS111	SREESHA M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS112	SURYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS114	VISHNU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS115	VISHNU S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NAVODH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun
		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
NCE20CS023	ANJALI NANDANA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS024	ANJANA CHANDRAN	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS025	ANUGRAH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS026	ANUPAMA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS027	ANUSREE K G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS028	APARNA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS029	ARCHANA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS030	ARJUN K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS031	ARYA K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS032	ASHVIN SIBI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS033	ASHWIN C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS034	ASHWIN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS035	ASWATHI K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS036	ASWATH V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS037	ASWINDAS C H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS038	AVINASH M P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS039	BASIL P SUNNY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS040	C S GIRISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS041	C SWETHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS042	DANIEL SURESH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS043	DEEPAK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS044	DITNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE21CS001	ABDUL HARIS H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS002	ABHIJITH R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS003	ABHIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS004	ABHILASH U P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS005	ABHINAV BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS006	ABHINAV SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS007	ABHISHEK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS008	ABHISHEK R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS009	ADHARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS010	ADITHYAN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS011	ADITHYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS012	AISWARYA A P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS013	AKASH ANILKUMAR M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS014	AKASH ASHOK	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS015	AKASH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS016	AKSHAY G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS017	AKSHAY MUTTIYACHERRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS019	ANAGHA KESAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS020	ANANTHU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS021	ANIRUDH BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS022	ANSAL C A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS023	ANUNANDHA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE21CS024	ANURAG P P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS025	ARJUN P R	✓	✓	✓	AB	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS026	ARUN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS028	ARYA U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS029	ASHFAQ A A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS030	ATHULRAJ A R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS031	BIMAL P SHAJI	✓	✓	✓	AB	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS033	DAZZAL DAVID C D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS034	FABIAN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS035	FATHIMA HANNATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS036	FATHIMA ROSNA T A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS037	HABEEB RAHAMAN SHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS038	HARIPRIYA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS039	HARITHA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS040	HELNA JAYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS041	HIBA SHERIN M H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS042	JANEESHA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS043	JITHU MANIKANDAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS044	J SRIVISHNU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS045	KAVYA B S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS046	LAVANYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS047	LIKITHA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE21CS048	MATHEW JOSHUA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS049	MEGHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS050	MEHAROOBA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS051	MELSY M J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS052	M MOHAMED HASHID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS053	MOHAMMED BILAL JASIM M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS054	MUHAMMED NAIF E P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS055	MUHAMMED YAZEEN K A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS056	NAJIYA SHEREEN KOTTIYATHODI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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NCE21CS001	ABDUL HARIS H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS002	ABHIJITH R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS003	ABHIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS004	ABHILASH U P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS005	ABHINAV BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS006	ABHINAV SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS007	ABHISHEK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS008	ABHISHEK R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS009	ADHARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS010	ADITHYAN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS011	ADITHYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS012	AISWARYA A P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS013	AKASH ANILKUMAR M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS014	AKASH ASHOK	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS015	AKASH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS016	AKSHAY G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS017	AKSHAY MUTTIYACHERRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS019	ANAGHA KESAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS020	ANANTHU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS021	ANIRUDH BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS022	ANSAL C A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS023	ANUNANDHA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE21CS024	ANURAG P P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS025	ARJUN P R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS026	ARUN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS028	ARYA U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS029	ASHFAQ A A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS030	ATHULRAJ A R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS031	BIMAL P SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS033	DAZZAL DAVID C D	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS034	FABIAN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS035	FATHIMA HANNATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS036	FATHIMA ROSNA T A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS037	HABEEB RAHAMAN SHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS038	HARIPRIYA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS039	HARITHA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS040	HELNA JAYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS041	HIBA SHERIN M H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS042	JANEESHA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS043	JITHU MANIKANDAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS044	J SRIVISHNU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS045	KAVYA B S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS046	LAVANYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS047	LIKITHA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE21CS048	MATHEW JOSHUA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS049	MEGHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS050	MEHAROOBA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS051	MELSY M J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS052	M MOHAMED HASHID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS053	MOHAMMED BILAL JASIM M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS054	MUHAMMED NAIF E P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS055	MUHAMMED YAZEEN K A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS056	NAJIYA SHEREEN KOTTIYATHODI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE21CS057	NAJMUL HUDHA P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS058	NAMRATHA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS059	NANDHANA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS060	NAWAL AKBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS061	NEHA N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS062	NIDHISH C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS063	NIKHIL T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS064	NITHA N	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS065	NITHYA T K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS066	PADMA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS067	POOJA RAJEEV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS068	PRAJITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS069	P S SWATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS070	RAHANA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS071	RAMSHAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS072	RASHIDA C K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS073	RESHMA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS074	RITHINRAJ P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS075	RIZWAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS076	SAMANVAY RAMADAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS077	S AMRITHA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS079	SANJAY MURALEEDHARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE21CS080	SARATH KRISHNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS081	SHAHEEM K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS082	SHAHEEN K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS083	SHIJIN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS084	SHINAS S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS085	SHREYA D NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS086	SIDDARTH MANOJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS087	SIDHARTH M V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS088	SILJA C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS089	SITHARA PARWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS090	SNEHA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS091	SNEHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS092	SNEHA SUDHAKARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS093	SONA UDAYAKUMAR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS094	SONITHA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS096	SOORAJ K SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS097	SOORAJ SANKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS098	SRADHA K J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS099	SREEHARI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS100	SRUTHYSREE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS101	S SHAIMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS102	STALIGE MOHAN M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE21CS103	SWAROOP KUMAR S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS104	THEERTHA KRISHNA P V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS105	T SREELAKSHMI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS106	V BHAVANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS107	VIGNESH U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS108	V SIVADHARANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS109	VYSHNAV SOMAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS110	ARUN P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS111	MARIYA MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun
		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
NCE21CS057	NAJMUL HUDHA P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS058	NAMRATHA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS059	NANDHANA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS060	NAWAL AKBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS061	NEHA N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS062	NIDHISH C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS063	NIKHIL T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS064	NITHA N	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS065	NITHYA T K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS066	PADMA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS067	POOJA RAJEEV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS068	PRAJITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS069	P S SWATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS070	RAHANA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS071	RAMSHAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS072	RASHIDA C K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS073	RESHMA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS074	RITHINRAJ P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS075	RIZWAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS076	SAMANVAY RAMADAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS077	S AMRITHA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS079	SANJAY MURALEEDHARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		16 Apr 17	17 Apr 19	18 Apr 21	19 Apr 24	20 Apr 26	21 Jun 1	22 Jun 2	23 Jun 9	24 Jun 12	25 Jun 19	26 Jun 22	27 Jun 22	28 Jun 24	29 Jun 26	30 Jun 27
NCE21CS080	SARATH KRISHNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS081	SHAHEEM K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS082	SHAHEEN K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS083	SHIJIN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS084	SHINAS S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS085	SHREYA D NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS086	SIDDARTH MANOJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS087	SIDHARTH M V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS088	SILJA C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS089	SITHARA PARWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS090	SNEHA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS091	SNEHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS092	SNEHA SUDHAKARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS093	SONA UDAYAKUMAR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS094	SONITHA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS096	SOORAJ K SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS097	SOORAJ SANKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS098	SRADHA K J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS099	SREEHARI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS100	SRUTHYSREE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS101	S SHAIMA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS102	STALIGE MOHAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE21CS103	SWAROOP KUMAR S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS104	THEERTHA KRISHNA P V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS105	T SREELAKSHMI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS106	V BHAVANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS107	VIGNESH U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS108	V SIVADHARANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS109	VYSHNAV SOMAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS110	ARUN P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS111	MARIYA MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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Researc... (Autonomous)
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Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
[illegible]	ABHINAV S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ABHISHAK J	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ABHISHEK G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
[illegible]	ABIJITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ABINAV K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
[illegible]	ABIN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ABISHEK S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ADARSH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ADHEEB J	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
[illegible]	ADITHYA HARIDAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ADITHYA KRISHNAN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ADITHYAN CHALIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	AJMAL RAHEEM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	AMAL P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	AMAL P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ANANDHU M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ANASWARA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ANJANA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ANJANA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ANJANA M SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ANJANA RAJEEV	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[illegible]	ANJANA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE22CS023	AKSHITHA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS024	ALOKH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS025	AMALSURYA H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS026	ANAGHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS027	ANANTHAKRISHNAN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS028	ANANYA P S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS029	ANGEL G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS030	ANIRUDH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS031	ANJALI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS032	ANJANA M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS033	ANUBHAV VK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS034	ANUSREE A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS035	ARATHI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS036	ARCHA B LAL	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS037	ARCHANA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS038	ARJUN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS039	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS040	ARUNDEV A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS041	ARYA ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS042	ARYA KRISHNA E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS043	ARYA S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS044	ASHIK M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Mar	Mar	Mar	Mar	Mar	Mar	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr
		3	12	18	27	28	29	29	1	2	9	10	11	12	15	16
NCE22CS045	ASHWIN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS046	ASNA P A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS047	ASWATHY K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS048	ASWIN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS049	ATHUL C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS050	ATHULKRISHNA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS051	ATHUL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS052	AZIN RAJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS053	BHAVYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS054	DRISHYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS055	EDWIN V B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS056	FARHANA SHERIN A K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS057	FARZEEN MOHAMMED S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
NCE22CS058	FYHA FATHIMA M	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: ANDROID PROGRAMMING

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		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun
		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
NCE22CS001	ABHINAV S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS002	ABHISHA K J	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS003	ABHISHEK G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS004	ABIJITH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS005	ABINAV K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS006	ABIN T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS007	ABISHEK S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS008	ADARSH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS009	ADHEEB V	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS010	ADITHYA HARIDAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS011	ADITHYA KRISHNAN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS012	ADITHYAN SHAJI E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS013	ADVAIT RATHISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS014	AJMAL P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS015	AJMAL P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS016	AKASH K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS017	AKASH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS018	AKASH N S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS019	AKASH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS020	AKHILA M SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS021	AKSHAYA AJITH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS022	AKSHAYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Since 1968

ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: ANDROID PROGRAMMING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun
		17	19	21	24	26	1	2	9	12	19	22	22	24	26	27
NCE22CS023	AKSHITHA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS024	ALOKH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS025	AMALSURYA H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS026	ANAGHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS027	ANANTHAKRISHNAN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS028	ANANYA P S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS029	ANGEL G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS030	ANIRUDH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS031	ANJALI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS032	ANJANA M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS033	ANUBHAV VK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS034	ANUSREE A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS035	ARATHI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS036	ARCHA B LAL	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS037	ARCHANA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS038	ARJUN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS039	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS040	ARUNDEV A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS041	ARYA ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS042	ARYA KRISHNA E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS043	ARYA S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS044	ASHIK M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Since 1968

Reg No	Name	No. of Hours														
		16 Apr 17	17 Apr 19	18 Apr 21	19 Apr 24	20 Apr 26	21 Jun 1	22 Jun 2	23 Jun 9	24 Jun 12	25 Jun 19	26 Jun 22	27 Jun 22	28 Jun 24	29 Jun 26	30 Jun 27
NCE22CS045	ASHWIN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS046	ASNA P A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS047	ASWATHY K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS048	ASWIN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS049	ATHUL C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS050	ATHULKRISHNA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS051	ATHUL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS052	AZIN RAJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS053	BHAVYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS054	DRISHYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS055	EDWIN V B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS056	FARHANA SHERIN A K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
NCE22CS057	FARZEEN MOHAMMED S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS058	FYHA FATHIMA M	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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FROM

Ms. Divya S & Mr. Arun K

ASSISTANT PROFESSOR

CSE DEPARTMENT, NCERC PAMPADY

Forwarded to the principal
15/09/2022

TO

THE PRINCIPAL

NCERC PAMPADY

Through HOD

Respected Madam,

SUBJECT: Request for Conducting a Certificate Course Reg.

Students need a deep understanding of concepts & methodologies in deep learning enhance the knowledge in the relevant fields. So, Computer science and engineering department would like to conduct a certificate course on "DEEP LEARNING" from 19-09-2022. It will be a 30-hour course scheduled from September to December of this academic year 2022-2023.Kindly request you to give the permission for the same.

Seventh Semester UG students of CSE department are eligible for this course.

Thank you for your consideration. I look forward for your response soon.

Place: Pampady

Date: 15-09-2022

permitted
15/09/2022

Sincerely,

Arun K

Divya S

Nehru College of Engineering and Research Centre (Autonomous) Nila Gardens Pampady Thiruvilwamala Thrissur - 680588

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Name of the Subject: DEEP LEARNING

Duration: 30 Hours

	DEEP LEARNING COURSE SYLLABUS		
Module	**Contents**	**Hours**	**Exam Marks**
I	**INTRODUCTION TO DEEP LEARNING** Introduction to deep learning – Bayesian learning- linear classifiers- optimization techniques -Gradient Descent – Batch optimization – Introduction to neural network – multilayer perceptron – back propagation - unsupervised learning with deep network	10	40%
II	Convolutional neural network – Building blocks – Deep learning architectures – Recent trends in deep learning – LSTM – Applications – image and text classification	10	30%
III	TensorFlow basics – Data frame and Data range- RNN – Visualization – Linear regression- binary classification – TensorFlow applications – Introduction to keras – basic Concepts – Tensor flow vs keras -	10	30%

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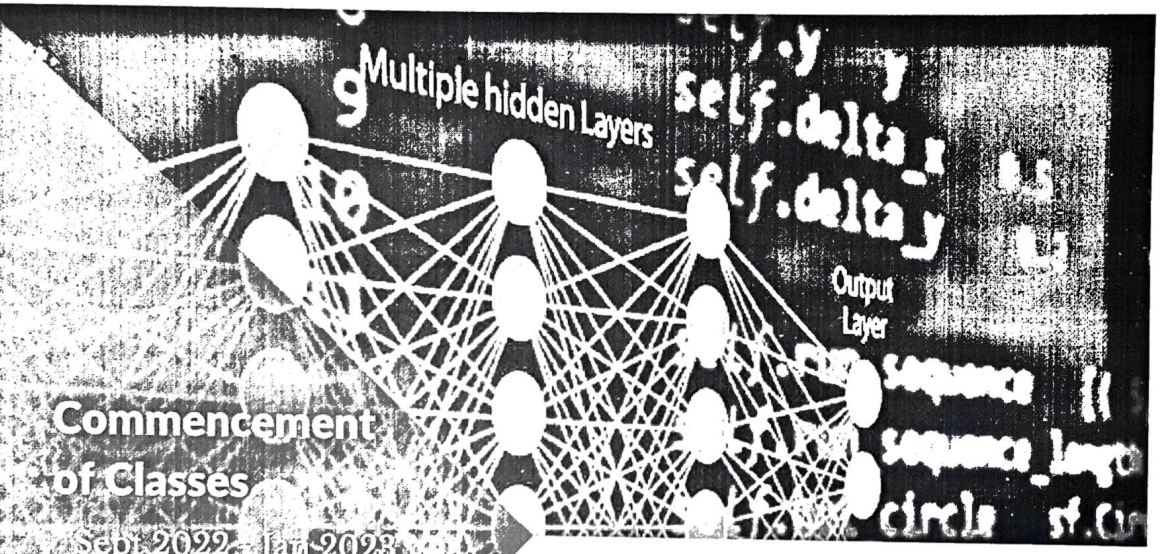
DEEP LEARNING

About the Course

Deep learning certification training is designed to give you an in depth knowledge about Deep Learning

Deep learning is a subset of machine learning, which is essentially a neural network with three or more layers. These neural networks attempt to simulate the behavior of the human brain—albeit far from matching its ability—allowing it to learn from large amounts of data.

Deep learning drives many artificial intelligence (AI) applications and services that improve automation, performing analytical and physical tasks without human intervention. Deep learning technology lies behind everyday products and services (such as digital assistants, voice-enabled TV remotes, and credit card fraud detection) as well as emerging technologies (such as self-driving cars).



Commencement of Classes

Sept 2022 - Jan 2023

Date of Exam

02-01-2023

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Thiruvilwamala, Thrissur - 680588

Course Details

Course Coordinator

Asst. Prof. Divya S
Dept. of CSE, NCERC



About Us

NCERC is a ISO 9001:2015 certified institution affiliated to APJ Abdul Kalam Technological University and approved by All India Council for Technical Education (AICTE).It is also accredited by NAAC.It offers 6 undergraduate and 4 Postgraduate program in Engineering, Computer Applications and Management. To make the students professionally worthy, the college has Institutional membership of professional societies such as IEEE, ISTE, CSI, IE(INDIA), ISTD, AIMA, SEEM etc. to strengthen the values of the Institute and its Students. College campus is located on the northern slopes of Thiruvilwamala, which merges with the banks of the holy river Nila. This undulating terrain of 40 acres with lush green vegetation is continuously swept and hugged by the gentle northern breeze that brings the purity, serenity and sweetness of the river Nila. This picturesque location shall linger nostalgically in the minds of any body visiting this beautiful area. Endowed with an enchanting and breath-taking topography, lush green natural vegetation, virgin land, pollution free atmosphere, moderate temperature, plentiful of nectar like fresh water and salubrious climate, this is a sought after place for healthy life, clear thinking and

Contact



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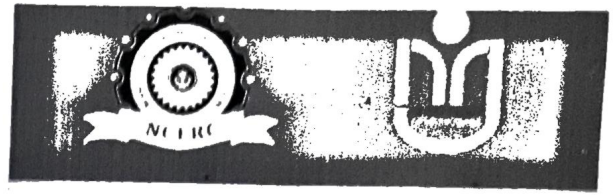



Nehru College of Engineering and Research Centre, Pampady, Thrissur

Nehru College of Engineering and Research Centre (NCERC), one of the premier and vibrant Technical Institutions in Kerala, was started in the year 2002 under Nehru Group of Institutions (NGI) which was established in 1968 by Late Shri P. K. Das. There are 21 Institutions under NGI offering multiple courses from various areas including Aeronautics, Engineering, Management, MBBS, Pharmacy, IT, Nursing, Arts and Science.

DEPARTMENT OF :

Name of the Faculty : Arun K

Branch / Course : Computer Science & Engineering

Year & Semester : IV th year, S7 CSE B

Subject Code : Add on

Name of the Subject : Deep Learning

Objective of the Course :

RECORD CHECKING

Month	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Initial of HOD												
Initial of Principal				17/10/22	04/11/22	02/12/22						

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Final Verification By

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Thiruvilwamala, Thrissur
Principal

LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
1.	Introduction to deep learning Bayesian learning	1	ICET	Quiz-	12/9/22	19/9/22	Readmission	
2.	Linear classifiers and optimization Techniques	1	ICET	Quiz-	19/9/22	26/9/22 28/9/22	Lab exam	
3	Gradient Descent and Batch optimization	1,2			26/9/22 28/9/22	12/10/22 17/10/22	Pooja holidays	
4.	Introduction to Neural network Multilayer perceptron	1,2			3/10/22 10/10/22	28/10/22 4/11/22		
5.	Back propagation unsupervised learning with deep network	1			12/10/22 17/10/22	7/11/22 14/11/22		

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LECTURE PLAN

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	Convolutional neural network (CNN) Building Blocks	3.4.1 3.4.2			19/10/22 26/10/22	18/11/22		18/11
	Deep learning Architecture	3.4.2			31/10/22 2/11/22	21/11/22 2/12/22		21/11/22
	Recent trends in deep learning	3.4.3			7/11/22 9/11/22	3/12/22		3/12/22
	LSTM	3.4.5			14/11/22 16/11/22	5/12/22 12/12/22		5/12/22
	Applications - Text and Image classification clustering	3.4.6 3.4.7 3.5.7			21/11/22 23/11/22	16/12/22 17/12/22		16/12

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	TensorFlow Basics Data frame & Data range	4			28/11/22 30/11/22	19/12/22		19/12/22
	Recurrent Neural network Visualization	4			5/12/22 7/12/22	23/12/22 3/1/23		3/1/23 3/1/23
	linear regression & Binary classification	4			12/12/22 14/12/22	3/1/23 6/1/23		3/1/23 6/1/23
	TensorFlow Application Introduction to keras	3			19/12/22	6/1/23		6/1/23
	Basic Concepts Tensor flow Vs keras	3			21/12/22	7/1/23		7/1/23

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LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
	References							
1.	www.Javatpoint.com							
2.	www.geekforgeeks.org.							
3.	Deep learning:- A practical approach - Dr. Rajiv chopra							
4.	www.Intellipaat.com							

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Add on - Deep Learning

Answer all Questions

* Required

1. Roll No *

2. Name of Student *

Questions

3. Which of the following is a subset of machine learning? *

Mark only one oval.

- Numpy
- SciPy
- Deep learning
- All of the above

4. How many layers Deep learning algorithms are constructed? *

Mark only one oval.

- 1
- 3
- 2
- 4

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5. RNNs stands for? *

Mark only one oval.

- Receiver neural networks
- Record neural networks
- Road Neural Network
- Recurrent neural networks

6. The first layer in deep learning is called the? *

Mark only one oval.

- Input layer
- Hidden layer
- Output layer
- None of the above

7. Which of the following is well suited for perceptual tasks? *

Mark only one oval.

- Feed-forward neural network
- RNN
- CNN
- Reinforcement learning

8. Which neural network has only one hidden layer between the input and output? *

Mark only one oval.

- Shallow
- Deep
- RNN
- Feed- Forward neural networks

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earning algorithms are _____ more accurate than machine learning algorithm in ge classification.

Mark only one oval.

- 30
- 60
- 50
- 41

10. In which of the following applications can we use deep learning to solve the problem? *

Mark only one oval.

- Protein structure prediction
- Detection of exotic particles
- Prediction of chemical reactions
- All of the above

11. Which of the following neural networks has a memory? *

Mark only one oval.

- CNN
- RNN
- LSTM
- None of the above

12. Which is the following is true about neurons? *

Mark only one oval.

- A neuron has a single input and only single output
- A neuron has a single input and multiple outputs
- A neuron has multiple inputs and multiple outputs
- All of the above

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13. Autoencoder is an example of- *

Mark only one oval.

- Machine Learning
- Deep learning
- Data mining
- None of the above

14. Which of the following is an example of deep learning?

Mark only one oval.

- Self - Driving cars
- Pattern Recognition
- All of the above
- None of the above

15. In a classification problem which of the following activation function is most widely used in the output layer of neural networks?

Mark only one oval.

- Hyperbolic function
- Sigmoid function
- Simple linear
- Rectifier function

16. Which of the following is a deep learning library? *

Mark only one oval.

- Tensorflow
- Keras
- PyTorch
- All of the above

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of the following is a loss function? *

Mark only one oval.

- Sigmoid
- Cross Entropy
- ReLU
- None of the above

18. Suppose you have a dataset from where you have to predict three classes. Then which of the following configuration you should use in the output layer?

Mark only one oval.

- Activation function = sigmoid, loss function = cross entropy
- Activation function = softmax, loss function = mean squared error
- Activation function = softmax, loss function = cross entropy
- Activation function = sigmoid, loss function = mean squared error

19. What does a gradient descent algorithm do? *

Mark only one oval.

- Adjusts the weights at the input layers
- Tries to find the parameters of a model that minimizes the cost function
- Both A & B
- None of the above

20. Which of the following makes a neural network non-linear? *

Mark only one oval.

- Rectified linear unit
- Convolution function
- Batch gradient descent
- None of the above

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21. Which of the following is a correct order for the Convolutional Neural Network opera

Mark only one oval.

- Max pooling -> convolution -> flattening -> full connection
- Convolution -> max pooling -> flattening -> full connection
- Flattening -> max pooling -> convolution -> full connection
- All of the above

22. LSTM is a variation of- *

Mark only one oval.

- CNN
- RNN
- Multi layer perceptron network
- None of the above

23. Which of the following neural networks is the best for machine translation? *

Mark only one oval.

- CNN
- 2D CNN
- RNN
- Grid Computing

24. Batch normalization helps to prevent- *

Mark only one oval.

- activation functions to become too high or low
- the training speed to become too slow
- Both A & B
- None of the above

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is mostly used when there is an? *

Mark only one oval.

- unstructured data
- structured data
- Simple Data
- None of the above

26. The number of nodes in the input layer is 10 and the hidden layer is 5. The maximum number of connections from the input layer to the hidden layer are_____

Mark only one oval.

- <50
- >50
- None
- 50

27. SVM stands for_____ *

Mark only one oval.

- Support Vector Machine
- Support Vector Mechanism
- Super Visual Machine
- None of the above

28. _____ is a high level API built on TensorFlow. *

Mark only one oval.

- PyBrain
- PyTorch
- Keras
- Theano

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29. Inventor of keras *

Mark only one oval.

- Michael Berthold
- Adam Paszke
- Sam Gross
- François Chollet

30. What is true about Keras? *

Mark only one oval.

- Keras is an API designed for human beings, not machines.
- Keras follows best practices for reducing cognitive load
- it provides clear and actionable feedback upon user error
- All of the above

31. Is keras a library? *

Mark only one oval.

- Yes
- No

32. What are advanced activation functions in keras ? *

Mark only one oval.

- LeakyReLu
- Tangential function
- Hyberbolic
- None of the above

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Which of the following is a subset of machine learning? *

- Numpy
- SciPy
- (•) Deep learning
- All of the above

How many layers Deep learning algorithms are constructed? *

- 1
- (•) 3
- 2
- 4

RNNs stands for? *

- Receiver neural networks
- Record neural networks
- Road Neural Network
- (•) Recurrent neural networks

The first layer in deep learning is called the? *

- (•) Input layer
- Hidden layer
- Output layer
- None of the above

Which of the following is well suited for perceptual tasks? *

- Feed-forward neural network
- RNN
- (•) CNN
- Reinforcement learning

Which neural network has only one hidden layer between the input and output? *

- (•) Shallow
- Deep
- RNN
- Feed- Forward neural networks

Deep learning algorithms are _____ more accurate than machine learning algorithm in image classification.

- 30
- 60
- 50
- (•) 41

In which of the following applications can we use deep learning to solve the problem?

- Protein structure prediction
- Detection of exotic particles
- Prediction of chemical reactions
- (•) All of the above

Which of the following neural networks has a memory? *

- CNN
- RNN
- (•) LSTM
- None of the above

Which is the following is true about neurons? *

- A neuron has a single input and only single output
- A neuron has a single input and multiple outputs
- A neuron has multiple inputs and multiple outputs
- (•) All of the above

Autoencoder is an example of- *

- Machine Learning
- (•) Deep learning
- Data mining
- None of the above

Which of the following is an example of deep learning?

- Self - Driving cars
- Pattern Recognition
- (•) All of the above
- None of the above

Clear selection

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In a classification problem, which of the following activation function is most widely used in the output layer of neural networks? *

- ○ Hyperbolic function
- ◉ Sigmoid function
- ○ Simple linear
- ○ Rectifier function

Which of the following is a deep learning library? *

- ○ Tensorflow
- ○ Keras
- ○ PyTorch
- ◉ All of the above

Which of the following is a loss function? *

- ○ Sigmoid
- ◉ Cross Entropy
- ○ ReLU
- ○ None of the above

Suppose you have a dataset from where you have to predict three classes. Then which of the following configuration you should use in the output layer? *

- ◉ Activation function = sigmoid, loss function = cross entropy
- ○ Activation function = softmax, loss function = mean squared error
- ○ Activation function = softmax, loss function = cross entropy
- ○ Activation function = sigmoid, loss function = mean squared error

What does a gradient descent algorithm do? *

- ○ Adjusts the weights at the input layers
- ○ Tries to find the parameters of a model that minimizes the cost function
- ◉ Both A & B
- ○ None of the above

Which of the following makes a neural network non-linear? *

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- ○ 2D CNN
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Batch normalization helps to prevent- *

- ○ activation functions to become too high or low
- ○ the training speed to become too slow
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CNN is mostly used when there is an? *

- ◉ unstructured data
- ○ structured data
- ○ Simple Data
- ○ None of the above

The number of nodes in the input layer is 10 and the hidden layer is 5. The maximum number of connections from the input layer to the hidden layer are_____

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- ○ >50
- ○ None
- ◉ 50

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3	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	a
4	a	a	✓	✓	✓	a	a	✓	a	✓	a	✓	✓
5	✓	✓	✓	✓	✓	✓	a	✓	a	✓	a	✓	✓
6	a	a	✓	✓	✓	✓	a	✓	a	✓	a	a	a
7	✓	✓	a	✓	✓	✓	a	✓	a	✓	a	✓	a
8	✓	✓	a	✓	✓	a	a	✓	a	✓	a	✓	a
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10	a	✓	✓	✓	a	✓	a	✓	a	a	a	a	a
11	✓	✓	✓	a	✓	✓	a	✓	a	✓	a	✓	a
12	✓	✓	✓	✓	✓	✓	a	✓	a	✓	a	a	✓
13	✓	✓	✓	✓	✓	✓	a	✓	a	✓	a	✓	a
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15	✓	✓	✓	✓	✓	✓	a	✓	a	✓	a	a	a
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20	a	✓	✓	✓	✓	✓	a	✓	a	a	a	a	✓
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27	✓	✓	✓	a	✓	✓	a	✓	a	a	a	a	a
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30	✓	✓	✓	✓	✓	✓	a	✓	a	✓	a	✓	✓
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9	NCE19CS050	M Preethika
10	NCE19CS051	Muhammed Faa
11	NCE19CS052	Nighil krishna
12	NCE19CS053	Nikhil P Gopin
13	NCE19CS054	Nima P M
14	NCE19CS055	Nivya Ignatio
15	NCE19CS056	Prajith Prasad
16	NCE19CS057	P Syamala Krish
17	NCE19CS058	P T Enckmon
18	NCE19CS059	Rahul Ramkum
19	NCE19CS061	Sandra K Sant
20	NCE19CS062	Sanjay M
21	NCE19CS063	Shaifulla T P
22	NCE19CS064	Soumya P R
23	NCE19CS065	Sreelakshmi G
24	NCE19CS066	Sreesha S
25	NCE19CS067	Srihari B
26	NCE19CS068	Sriloga K
27	NCE19CS069	Suraj S
28	NCE19CS070	Surya P
29	NCE19CS071	Sushoma T
30	NCE19CS072	Swathy U
31	NCE19CS073	Tharun Mohan
32	NCE19CS074	Thejus Sreejit
33	NCE19CS075	Varsha A Nai
34	NCE19CS076	Vishnu N
No. of Absentees		
Initial of the Faculty		

	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo	12	12	12	12	12	12	12	12	12	12	12	1	1
Dt	2	3	3	5	12	16	17	17	19	19	23	3	3
Hr	6	1	2	3	3	6			3	4	6	3	6
1	✓	✓	✓	a	✓	✓	✓	a	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	a	✓	✓
3	✓	a	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓
5	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	a	✓	a
6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
8	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓
9	✓	✓	✓	✓	✓	✓	a	a	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	✓	a	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓
13	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	a	✓
14	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	a
15	✓	✓	✓	a	✓	✓	✓	✓	a	✓	✓	✓	✓
16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓
18	✓	✓	✓	a	✓	✓	✓	✓	✓	a	✓	✓	✓
19	✓	a	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	a	✓	✓
22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	✓	✓	✓	a	✓	✓	a	a	✓	✓	✓	✓	✓
24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	a	✓	✓
26	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	✓	a	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	a	✓
32	✓	✓	✓	a	✓	✓	✓	✓	a	✓	✓	✓	✓
33	a	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓
34	a	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓

	27	28	29	30	31	32	33	34	35	36	37	38	39
Mo	1	1	1	1									
Dt	6	6	7	7									
Hr	6		3										
1	✓	✓	✓	✓									
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3	✓	a	✓	✓									
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18	✓	✓	✓	✓									
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20	✓	✓	✓	a									
21	✓	✓	✓	✓									
22	✓	✓	✓	✓									
23	✓	✓	✓	✓									
24	a	✓	✓	✓									
25	✓	✓	✓	✓									
26	✓	a	✓	✓									
27	✓	✓	✓	✓									
28	✓	✓	✓	a									
29	✓	✓	✓	✓									
30	✓	✓	✓	✓									
31	✓	✓	✓	✓									
32	✓	✓	✓	✓									
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34	✓	✓	✓	✓									

PRINCIPAL
Engineering and
Autonomous
Thiruvilwamala, Thrissur - 680588

	Reg. No.	Name	Students Profile		
			CGPA	Arrears	Host / Pvt Host /DS
35	NCE19CS077	Zeba Khadeja Z			
36	NCE19CS078	Sreekumar P M			
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No. of Absentees					
Initial of the Faculty					

PRINCIPAL
Nehru College of Engineering and Research Centre (Autonomous)
Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

Head of Engineering and Research Centre (Autonomous)
Nila Gardens
Pampady
Thiruvilwamala
Thrissur - 680588

	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo	9	9	9	9	10	10	10	11	11	11	11	11	11
Dt	19	19	26	28	12	17	28	4	7	14	18	18	21
Hr	1	2	1	6	1	6	6	6	3	3	3	6	3
35	-	-	-	-	-	-	a	-	a	-	-	a	a
36	-	-	-	-	-	-	a	-	a	-	-	a	-
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	Reg. No.	Na
35	NCE19CS077	Zeba Khade
36	NCE19CS078	Sreekumar T
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No. of Absentees		
Initial of the Faculty		

PRINCIPAL
Nehru College of Engineering and Research Centre (Autonomous)
Nila Campus, Pampady
Thiruvilwamala, Thrissur - 680588

Nehru College of Engineering and Research Centre (Autonomous)
Nila Campus
Pampady
Thiruvilwamala
Thrissur - 680588

	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo	12	12	12	12	12	12	12	12	12	12	12	1	1
Dt	2	3	3	5	12	12	17	17	19	19	23	3	3
Hr	6	1	2	3	3	6			3	4	6	3	6
35	–	–	–	a	–	–	–	–	–	–	–	–	–
36	–	a	a	–	–	–	–	–	–	a	–	–	
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	27	28	29	30	31	32	33	34	35	36	37	38	39
Mo	1	1	1	1									
Dt	6	6	7	7									
Hr	6		3										
35	a	–	–	–									
36	–	–	–	–									
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	3	3	1	2									

	Reg. No.	Name	Students Profile		
			CGPA	Arrears	Host./ Pvt.Host./DS
1	NCE19CS001	Abhijna P		0	
2	002	Abhishek R		2	
3	003	Abijith K S		9	
4	004	Abilash N		0	
5	005	Adarsh P		0	
6	006	Akhila K M		0	
7	007	Albin Joseph		4	
8	008	Alena Shibu		0	
9	010	Amal k c unni		1	
10	011	Amal O P		7	
11	012	Amritha P		0	
12	013	Anamika P K		1	
13	014	Anand k B		11	
14	015	Anaswara C P		0	
15	016	Anjali M A		6	
16	017	Anoop Anilkumar		7	
17	018	Anupamitha P B		7	
18	019	Archa Anand		0	
19	020	Archana C V		2	
20	021	Archa P S		7	
21	022	Arjun M		6	
22	023	Arjun Raj K R		2	
23	024	Arun S		0	
24	025	Aswathy Subramanian		3	
25	026	Aswin das M		0	
26	027	Aswin T T		2	
27	029	Blanya R		3	
28	030	Geethu K V		9	
29	031	Gokila Krishnan		0	
30	032	Gokulan G			
31	033	Gopika G Krishnan		0	
32	034	Harikrishnan M			
33	035	Haroon Al Shaji C		6	
34	036	Irfan M C		5	
No. of Absentees					
Initial of the Faculty					

	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo.	9	09	10	10	10	10	10	11	11	11	11	11	11
Dt.	26	20	7	14	19	21	26	3	7	14	16	21	23
Hr.	2	3	3	3	6	3	2	2	2	2	2	2	2
1	/	/	a	/	/	/	/	/	/	/	/	/	/
2	/	a	/	a	a	/	/	/	/	/	/	/	/
3	a	/	/	/	/	/	/	/	/	/	/	/	/
4	/	/	/	/	/	/	/	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	a	/	/	/	/	/	/	a
7	/	/	/	/	/	/	/	/	/	/	/	/	/
8	a	/	/	/	/	a	/	/	/	/	/	/	/
9	/	/	/	/	/	/	a	/	/	/	/	a	/
10	/	a	/	/	a	a	/	/	/	/	a	/	/
11	/	a	/	/	a	/	/	/	/	a	a	/	/
12	/	a	/	a	/	/	/	/	a	/	a	/	/
13	/	/	/	a	/	/	/	/	/	/	/	/	/
14	/	/	a	/	a	a	/	/	/	/	/	/	/
15	/	/	/	a	/	/	/	/	a	a	/	/	/
16	/	a	/	a	/	a	/	a	/	a	/	/	/
17	/	/	/	/	a	/	/	/	a	/	a	/	/
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19	/	/	/	/	a	a	/	/	/	/	/	/	/
20	/	/	/	/	/	a	/	/	/	/	/	/	/
21	/	a	/	a	a	/	/	/	/	/	/	/	/
22	/	/	/	/	/	/	/	/	/	/	/	/	/
23	/	/	/	/	/	/	/	/	a	/	/	/	/
24	/	/	/	a	a	a	/	/	/	/	/	/	a
25	a	a	/	/	/	/	/	/	/	/	/	/	/
26	/	a	/	a	a	/	/	/	/	a	/	a	/
27	/	/	/	/	/	/	/	/	a	/	/	/	/
28	/	/	a	/	a	/	/	/	a	/	/	/	a
29	/	/	a	a	a	/	/	/	/	/	/	/	/
30	a	a	a	/	a	/	/	/	/	/	/	/	/
31	/	/	/	/	/	/	/	/	/	/	/	a	/
32	a	a	/	a	a	/	a	/	/	/	/	/	/
33	/	/	/	a	a	/	/	/	/	/	/	/	/
34	/	a	/	a	/	/	a	/	/	/	a	/	/
	5	11	8										

77.63% Oct 75.2%

	Reg. No.	Name
1	NCE19CS001	Abhijna P
2	002	Abhishek R
3	003	Abijith K
4	004	Abilash N
5	005	Akash P
6	006	Akhila K
7	007	Albin Joseph
8	008	Alena Shibu
9	010	Anaf t c
10	011	Anal O P
11	012	Anuritha P
12	013	Anavika P
13	014	Anand t
14	015	Aaswasa C
15	016	Anjali M
16	017	Anoop Anilkum
17	018	Anupanitha P
18	019	Ancka Anand
19	020	Anchana C
20	021	Ancka P
21	022	Anjua M
22	023	Anjua Raj K
23	024	Anun S
24	025	Aswathy Subra
25	026	Aswin das M
26	027	Aswin T
27	029	Blanya R
28	030	Geethu K
29	031	Gokila Kris
30	032	Gokulan G
31	033	Gopika G
32	034	Harikrishnan M
33	035	Haroon Al
34	036	Irfan M
No. of Absentees		
Initial of the Faculty		

	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo	11	12	12	12	12	12	12	12	12	12	12	12	1
Dt	2	3	5	7	10	12	14	17	19	21	24	22	2
Hr	2	2	2	2	2	2	3	2	4	2	3	2	2
1	A	/	/	/	/	/	/	/	/	/	/	/	/
2	/	/	/	/	a	/	/	/	/	/	/	/	/
3	/	/	/	/	/	/	/	/	/	/	/	/	/
4	/	/	/	/	/	/	/	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	/	/	/	/
8	/	/	/	/	a	/	/	/	/	/	/	/	/
9	/	a	/	/	/	/	/	/	/	/	/	/	/
10	a	/	/	/	/	/	/	/	/	/	/	/	/
11	a	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	a	/	/	/	/	/	/	/	/	/	/
13	/	/	/	/	/	/	/	/	/	/	/	/	/
14	/	/	/	/	/	/	/	/	/	/	/	/	/
15	/	/	/	/	/	/	/	/	/	/	/	/	/
16	a	/	/	/	a	/	/	/	/	/	/	/	/
17	/	/	/	/	/	a	/	/	/	/	/	/	/
18	/	/	/	/	/	/	/	/	/	/	/	/	/
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20	a	/	/	/	/	/	/	/	/	/	/	/	/
21	/	/	/	/	/	/	/	/	/	/	/	/	/
22	/	/	/	/	/	/	/	/	/	/	/	/	/
23	/	/	/	/	/	/	/	/	/	/	/	/	/
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25	/	/	/	/	/	/	/	/	/	/	/	/	/
26	/	/	/	/	a	/	/	/	/	/	/	/	/
27	a	/	/	/	a	a	/	/	/	/	/	/	/
28	/	/	/	a	/	/	/	/	/	/	/	/	/
29	a	/	a	/	/	/	/	/	/	/	/	/	/
30	/	/	/	a	a	/	/	/	/	/	/	/	/
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Mo	1	1	1	1									
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Nila Gurjons Rajagiri
Rajagiri Valley
Thrissur - 680549

	Reg. No.	Name	Students Profile		
			CGPA	Arrears	Host./ Pvt Host /DS
35	NCE19CS037	Irshad kv		0	
36	038	Jagath v Madhavan		4	
37	039	Jyothika V.		0	
38	040	Kavya K B		1	
39					
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No. of Absentees					
Initial of the Faculty					

PRINCIPAL
Nehru College of Engineering and Research Centre (Autonomous)
Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

Nehru College of Engineering and Research Centre (Autonomous)
Nila Gardens
Pampady
Thiruvilwamala
Thrissur - 680588

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Mo.	9	9	10	10	10	10	11	11	11	11	13	13	
Dt.	26	30	7	4	19	27	26	3	7	15	18	21	23
Hr.	2	3	3	3	6	3	2	2	2	2	2	2	2
35	/	/	/	a	/	a	/	/	/	/	/	/	/
36	/	/	/	a	a	a	/	/	a	/	a	/	/
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No. of Absentees		
Initial of the Faculty		

Nehru College of Engineering and Research Centre (Autonomous)
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Thiruvilwamala, Thrissur - 680588

	14	15	16	17	18	19	20	21	22	23	24	25	26
No.	11	12	12	12	12	12	12	12	12	12	12	12	1
Dt	28	3	5	7	10	11	12	17	19	21	21	22	2
Hr.	2	2	2	2	2	2	2	4	2	3	2	2	
35	/	/	/	/	/	/	/	/	/	/	/	/	
36	A	/	/	/	/	/	/	/	/	/	/	/	
37	/	/	/	/	/	/	/	/	/	/	/	/	
38	/	/	/	/	/	/	/	/	/	/	/	/	
39					Preparation								
40					12/4/23								
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	27	28	29	30	31	32	33	34	35	36	37	38	39
No	1	1	1	1									
Dt.	3	4	4	5									
Hr.	3	2	3	2									
35	/	/	/	/									
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CERTIFICATE

This is to certify that Ms./Mr. Adarsh P has successfully completed the add-on course on Deep Learning conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

Program Coordinator

Head of Department

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This is to certify that Ms./Mr. ..... Archana C.V ..... has successfully completed the add-on course on ..... Deep Learning ..... conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

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This is to certify that Ms./Mr. .....Sneesha....S..... has successfully completed the add-on course on .....Deep Learning..... ..... conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

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This is to certify that Ms./Mr. ..... Amal K C Unni ..... has successfully completed the add-on course on ..... Deep Learning ..... conducted by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thiruvilwamala, Thrissur.

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COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE21CS001	ABDUL HARIS H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS002	ABHIJITH R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS003	ABHIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS004	ABHILASH U P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS005	ABHINAV BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS006	ABHINAV SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS007	ABHISHEK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS008	ABHISHEK R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS009	ADHARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS010	ADITHYAN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS011	ADITHYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS012	AISWARYA A P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS013	AKASH ANILKUMAR M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS014	AKASH ASHOK	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS015	AKASH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS016	AKSHAY G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS017	AKSHAY MUTTIYACHERRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS019	ANAGHA KESAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS020	ANANTHU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS021	ANIRUDH BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS022	ANSAL C A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS023	ANUNANDHA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE21CS024	ANURAG P P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS025	ARJUN P R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS026	ARUN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS028	ARYA U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS029	ASHFAQ A A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS030	ATHULRAJ A R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS031	BIMAL P SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS033	DAZZAL DAVID C D	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS034	FABIAN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS035	FATHIMA HANNATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS036	FATHIMA ROSNA T A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS037	HABEEB RAHAMAN SHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS038	HARIPRIYA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS039	HARITHA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS040	HELNA JAYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS041	HIBA SHERIN M H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS042	JANEESHA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS043	JITHU MANIKANDAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS044	J SRIVISHNU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS045	KAVYA B S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS046	LAVANYA S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS047	LIKITHA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE21CS048	MATHEW JOSHUA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS049	MEGHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS050	MEHAROOBA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS051	MELSY M J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS052	M MOHAMED HASHID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS053	MOHAMMED BILAL JASIM M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS054	MUHAMMED NAIF E P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS055	MUHAMMED YAZEEN K A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS056	NAJIYA SHEREEN KOTTIYATHODI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE21CS001	ABDUL HARIS H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS002	ABHIJITH R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS003	ABHIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS004	ABHILASH U P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS005	ABHINAV BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS006	ABHINAV SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS007	ABHISHEK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS008	ABHISHEK R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS009	ADHARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS010	ADITHYAN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS011	ADITHYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS012	AISWARYA A P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS013	AKASH ANILKUMAR M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS014	AKASH ASHOK	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS015	AKASH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS016	AKSHAY G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS017	AKSHAY MUTTIYACHERRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS019	ANAGHA KESAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS020	ANANTHU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS021	ANIRUDH BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS022	ANSAL C A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS023	ANUNANDHA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE21CS024	ANURAG P P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS025	ARJUN P R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS026	ARUN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS028	ARYA U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS029	ASHFAQ A A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS030	ATHULRAJ A R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS031	BIMAL P SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS033	DAZZAL DAVID C D	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS034	FABIAN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS035	FATHIMA HANNATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS036	FATHIMA ROSNA T A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS037	HABEEB RAHAMAN SHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS038	HARIPRIYA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS039	HARITHA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS040	HELNA JAYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS041	HIBA SHERIN M H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS042	JANEESHA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS043	JITHU MANIKANDAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS044	J SRIVISHNU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS045	KAVYA B S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS046	LAVANYA S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS047	LIKITHA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE21CS048	MATHEW JOSHUA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS049	MEGHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS050	MEHAROOBA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS051	MELSY M J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS052	M MOHAMED HASHID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS053	MOHAMMED BILAL JASIM M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS054	MUHAMMED NAIF E P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS055	MUHAMMED YAZEEN K A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS056	NAJIYA SHEREEN KOTTIYATHODI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE21CS057	NAJMUL HUDHA P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS058	NAMRATHA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS059	NANDHANA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS060	NAWAL AKBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS061	NEHA N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS062	NIDHISH C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS063	NIKHIL T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS064	NITHA N	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS065	NITHYA T K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS066	PADMA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS067	POOJA RAJEEV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS068	PRAJITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS069	P S SWATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS070	RAHANA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS071	RAMSHAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS072	RASHIDA C K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS073	RESHMA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS074	RITHINRAJ P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS075	RIZWAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS076	SAMANVAY RAMADAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS077	S AMRITHA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS079	SANJAY MURALEEDHARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE21CS080	SARATH KRISHNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS081	SHAHEEM K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS082	SHAHEEN K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS083	SHIJIN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS084	SHINAS S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS085	SHREYA D NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS086	SIDDARTH MANOJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS087	SIDHARTH M V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS088	SILJA C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS089	SITHARA PARWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS090	SNEHA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS091	SNEHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS092	SNEHA SUDHAKARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS093	SONA UDAYAKUMAR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS094	SONITHA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS096	SOORAJ K SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS097	SOORAJ SANKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS098	SRADHA K J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS099	SREEHARI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS100	SRUTHYSREE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS101	S SHAIMA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS102	STALIGE MOHAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE21CS103	SWAROOP KUMAR S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS104	THEERTHA KRISHNA P V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS105	T SREELAKSHMI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS106	V BHAVANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS107	VIGNESH U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS108	V SIVADHARANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS109	VYSHNAV SOMAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS110	ARUN P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS111	MARIYA MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE21CS057	NAJMUL HUDHA P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS058	NAMRATHA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS059	NANDHANA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS060	NAWAL AKBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS061	NEHA N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS062	NIDHISH C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS063	NIKHIL T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS064	NITHA N	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS065	NITHYA T K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS066	PADMA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS067	POOJA RAJEEV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS068	PRAJITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS069	P S SWATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS070	RAHANA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS071	RAMSHAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS072	RASHIDA C K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS073	RESHMA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS074	RITHINRAJ P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS075	RIZWAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS076	SAMANVAY RAMADAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS077	S AMRITHA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS079	SANJAY MURALEEDHARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE21CS080	SARATH KRISHNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS081	SHAHEEM K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS082	SHAHEEN K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS083	SHIJIN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS084	SHINAS S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS085	SHREYA D NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS086	SIDDARTH MANOJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS087	SIDHARTH M V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS088	SILJA C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS089	SITHARA PARWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS090	SNEHA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS091	SNEHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS092	SNEHA SUDHAKARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS093	SONA UDAYAKUMAR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS094	SONITHA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS096	SOORAJ K SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS097	SOORAJ SANKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS098	SRADHA K J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS099	SREEHARI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS100	SRUTHYSREE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS101	S SHAIMA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS102	STALIGE MOHAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE21CS103	SWAROOP KUMAR S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS104	THEERTHA KRISHNA P V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS105	T SREELAKSHMI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS106	V BHAVANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS107	VIGNESH U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS108	V SIVADHARANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS109	VYSHNAV SOMAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS110	ARUN P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS111	MARIYA MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE20CS001	AARATHI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS002	ABHIJITH GIRISH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS003	ABHILASH H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS004	ABIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS005	ADARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS006	ADITHYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS007	ADITHYAN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS008	ADITYA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS009	AJAY KRISHNA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS010	AJAY P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS011	AKASH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS012	AKSHARA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS013	AKSHAY KRISHNAN K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS014	AKSHAY T	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS015	AMAL P D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS016	ANAND M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS017	ANAND M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS018	ANANTHU K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS019	ANASWARA C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS020	ANEK SEKHAR P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS021	ANIRUDHAN P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS022	ANIRUDHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE20CS001	AARATHI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS002	ABHIJITH GIRISH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS003	ABHILASH H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS004	ABIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS005	ADARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS006	ADITHYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS007	ADITHYAN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS008	ADITYA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS009	AJAY KRISHNA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS010	AJAY P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS011	AKASH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS012	AKSHARA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS013	AKSHAY KRISHNAN K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS014	AKSHAY T	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS015	AMAL P D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS016	ANAND M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS017	ANAND M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS018	ANANTHU K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS019	ANASWARA C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS020	ANEK SEKHAR P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS021	ANIRUDHAN P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS022	ANIRUDHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE20CS023	ANJALI NANDANA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS024	ANJANA CHANDRAN	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS025	ANUGRAH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS026	ANUPAMA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS027	ANUSREE K G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS028	APARNA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS029	ARCHANA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS030	ARJUN K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS031	ARYA K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS032	ASHVIN SIBI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS033	ASHWIN C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS034	ASHWIN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS035	ASWATHI K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS036	ASWATH V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS037	ASWINDAS C H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS038	AVINASH M P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS039	BASIL P SUNNY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS040	C S GIRISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS041	C SWETHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS042	DANIEL SURESH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS043	DEEPAK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS044	DITNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE20CS023	ANJALI NANDANA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS024	ANJANA CHANDRAN	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS025	ANUGRAH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS026	ANUPAMA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS027	ANUSREE K G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS028	APARNA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS029	ARCHANA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS030	ARJUN K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS031	ARYA K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS032	ASHVIN SIBI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS033	ASHWIN C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS034	ASHWIN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS035	ASWATHI K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS036	ASWATH V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS037	ASWINDAS C H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS038	AVINASH M P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS039	BASIL P SUNNY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS040	C S GIRISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS041	C SWETHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS042	DANIEL SURESH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS043	DEEPAK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS044	DITNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE22CS001	ABHINAV S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS002	ABHISHA K J	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS003	ABHISHEK G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS004	ABIJITH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS005	ABINAV K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS006	ABIN T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS007	ABISHEK S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS008	ADARSH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS009	ADHEEB V	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS010	ADITHYA HARIDAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS011	ADITHYA KRISHNAN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS012	ADITHYAN SHAJI E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS013	ADVAIT RATHISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS014	AJMAL P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS015	AJMAL P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS016	AKASH K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS017	AKASH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS018	AKASH N S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS019	AKASH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS020	AKHILA M SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS021	AKSHAYA AJITH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS022	AKSHAYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Since 1968

ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE22CS001	ABHINAV S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS002	ABHISHA K J	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS003	ABHISHEK G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS004	ABIJITH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS005	ABINAV K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS006	ABIN T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS007	ABISHEK S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS008	ADARSH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS009	ADHEEB V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS010	ADITHYA HARIDAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS011	ADITHYA KRISHNAN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS012	ADITHYAN SHAJI E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS013	ADVAIT RATHISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS014	AJMAL P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS015	AJMAL P A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS016	AKASH K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS017	AKASH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS018	AKASH N S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS019	AKASH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS020	AKHILA M SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS021	AKSHAYA AJITH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS022	AKSHAYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE22CS023	AKSHITHA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS024	ALOKH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS025	AMALSURYA H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS026	ANAGHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS027	ANANTHAKRISHNAN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS028	ANANYA P S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS029	ANGEL G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS030	ANIRUDH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS031	ANJALI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS032	ANJANA M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS033	ANUBHAV VK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS034	ANUSREE A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS035	ARATHI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS036	ARCHA B LAL	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS037	ARCHANA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS038	ARJUN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS039	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS040	ARUNDEV A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS041	ARYA ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS042	ARYA KRISHNA E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS043	ARYA S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS044	ASHIK M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRINCIPAL
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Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE22CS045	ASHWIN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS046	ASNA P A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS047	ASWATHY K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS048	ASWIN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS049	ATHUL C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS050	ATHULKRISHNA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS051	ATHUL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS052	AZIN RAJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS053	BHAVYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS054	DRISHYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS055	EDWIN V B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS056	FARHANA SHERIN A K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS057	FARZEEN MOHAMMED S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
NCE22CS058	FYHA FATHIMA M	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE22CS023	AKSHITHA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS024	ALOKH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS025	AMALSURYA H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS026	ANAGHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS027	ANANTHAKRISHNAN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS028	ANANYA P S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS029	ANGEL G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS030	ANIRUDH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS031	ANJALI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS032	ANJANA M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS033	ANUBHAV VK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS034	ANUSREE A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS035	ARATHI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS036	ARCHA B LAL	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS037	ARCHANA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS038	ARJUN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS039	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS040	ARUNDEV A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS041	ARYA ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS042	ARYA KRISHNA E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS043	ARYA S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS044	ASHIK M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE22CS045	ASHWIN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS046	ASNA P A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS047	ASWATHY K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS048	ASWIN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS049	ATHUL C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS050	ATHULKRISHNA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS051	ATHUL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS052	AZIN RAJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS053	BHAVYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS054	DRISHYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS055	EDWIN V B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS056	FARHANA SHERIN A K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS057	FARZEEN MOHAMMED S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS058	FYHA FATHIMA M	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Thiruvilwamala, Thrissur - 6

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)
COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE22CS059	GISHAL S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS061	HANZIL K H	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS062	HARINANDANA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS063	HARINANDANA V A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS064	IJAS AHAMMED N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS065	INARA BASHEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS066	JISHON JACOB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS067	JISS JOHNY	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS068	JOSEPH SIBY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS069	JOYAL SAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS070	KEERTHANA SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS071	KHADEEJA SHABEER AHAMMED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS072	K M GOPIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS073	KRISHNENDU K V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS074	MINSIYAMOL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS075	MOHAMMED FIRHAZ P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS076	MOHAMMED KAIF S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS077	MOHAMMED SHAHIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS078	MOHAMMED SIDHAN N M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS079	MUHAMMED ANAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS080	MUHAMMED SHIFAS A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS081	NANDANA A K		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE22CS059	GISHAL S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS061	HANZIL K H	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS062	HARINANDANA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS063	HARINANDANA V A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS064	IJAS AHAMMED N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS065	INARA BASHEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS066	JISHON JACOB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS067	JISS JOHNY	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS068	JOSEPH SIBY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS069	JOYAL SAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS070	KEERTHANA SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS071	KHADEEJA SHABEER AHAMMED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS072	K M GOPIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS073	KRISHNENDU K V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS074	MINSIYAMOL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS075	MOHAMMED FIRHAZ P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS076	MOHAMMED KAIF S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS077	MOHAMMED SHAHIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS078	MOHAMMED SIDHAN N M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS079	MUHAMMED ANAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS080	MUHAMMED SHIFAS A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS081	NANDANA A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE22CS082	NANDITA P NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS083	NAVAJOTH P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS084	NEERAJ PRADEESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS085	NEHAL K DAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS086	NIBA NAUFAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS087	NIJUVAL B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS088	P ASWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS089	PRANAV P MENON	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS090	PRATHYUSHA SUNIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS091	PRAVEEN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS092	PRINISHA P J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS093	P SURAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS094	ROHAN R MENON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS095	ROHITH T C	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS096	SANJAY KARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS097	S ANUPAMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS098	SASILEKHA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS099	SAYOOJ S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS100	SEKKEENA KHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS101	SHAHANA FATHIMA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS102	SHAHINA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS103	SHAHIN S MUSTAFFA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRINCIPAL
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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)
COURSE NAME: DEEP LEARNING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE22CS082	NANDITA P NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS083	NAVAJOTH P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS084	NEERAJ PRADEESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS085	NEHAL K DAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS086	NIBA NAUFAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS087	NIJUVAL B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS088	P ASWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS089	PRANAV P MENON	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS090	PRATHYUSHA SUNIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS091	PRAVEEN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS092	PRINISHA P J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS093	P SURAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS094	ROHAN R MENON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS095	ROHITH T C	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS096	SANJAY KARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS097	S ANUPAMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS098	SASILEKHA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS099	SAYOOJ S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS100	SEKKEENA KHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS101	SHAHANA FATHIMA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS102	SHAHINA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS103	SHAHIN S MUSTAFFA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE22CS104	SHAMSIYYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS105	SHIJITH MURALI	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS106	SHINOJ K T	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS107	SNEHA SOMAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS108	SRADHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS109	SREERAM C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS110	SREERAM S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS111	SREESHA M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS112	SURYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS114	VISHNU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS115	VISHNU S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NAVODH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		5	7	10	12	14	17	19	21	21	22	2	3	4	4	5
NCE22CS104	SHAMSIYYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS105	SHIJITH MURALI	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS106	SHINOJ K T	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS107	SNEHA SOMAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS108	SRADHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS109	SREERAM C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS110	SREERAM S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS111	SREESHA M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS112	SURYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS114	VISHNU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS115	VISHNU S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NAVODH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec
		26	30	7	14	19	21	26	3	7	14	16	21	23	28	3
NCE20CS045	GOPIKA SREEJITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS046	GOUTHAM KRISHNA C M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS047	HABIN C BINOY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS048	HARIKRISHNAN C N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS049	HARIKRISHNAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS050	HEMENTH J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS051	IRFAN K N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS052	JISHA P B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS053	JYOTHIRADITHYA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS054	KAILAS K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS055	KRISHNA ANAND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS056	LERIESHA S MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS057	MABLE SEBASTIAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS058	MAYA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS059	MOHAMMED SABIQ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS060	MUHAMMED RAMEEZ C A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS061	NANDAJA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS062	NANDAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS063	NANDHANA P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS064	NIDHEESH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS065	NIKHIL P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS066	NITHIN ARAVIND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS067	PAVITHRA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS068	POOJA G	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRINCIPAL
Nehru College of Engineering and
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Thiruvilwamala, Thrissur - 8

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
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Since 1968

ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)
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		Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Dec	Jan	Jan	Jan	Jan	Jan
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NCE20CS045	GOPIKA SREEJITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS046	GOUTHAM KRISHNA C M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS047	HABIN C BINOY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS048	HARIKRISHNAN C N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS049	HARIKRISHNAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS050	HEMENTH J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS051	IRFAN K N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS052	JISHA P B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS053	JYOTHIRADITHYA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS054	KAILAS K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS055	KRISHNA ANAND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS056	LERIESHA S MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS057	MABLE SEBASTIAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS058	MAYA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS059	MOHAMMED SABIQ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS060	MUHAMMED RAMEEZ C A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS061	NANDAJA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS062	NANDAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS063	NANDHANA P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS064	NIDHEESH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS065	NIKHIL P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS066	NITHIN ARAVIND	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS067	PAVITHRA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS068	POOJA G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE20CS069	PRAJITH P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS070	RANJITH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS071	ROHITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS072	ROSHNA KABEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS073	SAFEEDA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS074	SANJAY KRISHNA C	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS075	SARATH KRISHNAN P V	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS076	SHAFRIN FATHIMA H S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS077	SIDHARTH P V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS078	SIMI R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS079	SIYANA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS080	SNEHA THOMAS	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS081	SREEKUMAR T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS082	SURYA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS083	SUVARNA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS084	VAISHNAV ASHOK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS085	VAISHNAV U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS086	VANDHANA V R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS087	VARSHA K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS088	VIDUL K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS089	VISHNU J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS090	YADHUKRISHNAN U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE20CS069	PRAJITH P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS070	RANJITH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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NCE20CS075	SARATH KRISHNAN P V	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS076	SHAFRIN FATHIMA H S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS077	SIDHARTH P V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS078	SIMI R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS079	SIYANA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS080	SNEHA THOMAS	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS081	SREEKUMAR T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS082	SURYA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS083	SUVARNA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS084	VAISHNAV ASHOK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS085	VAISHNAV U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS086	VANDHANA V R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS087	VARSHA K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS088	VIDUL K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS089	VISHNU J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS090	YADHUKRISHNAN U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Thiruvilwamala, Thrissur

FROM

Ms. ANU RINNY SUNNY

ASSISTANT PROFESSOR

CSE DEPARTMENT, NCERC PAMPADY

TO

THE PRINCIPAL

NCERC PAMPADY

Through HOD

Respected Madam,

SUBJECT: Request for Conducting a Certificate Course, Reg.

Students need a deep understanding of upcoming methodologies to enhance the knowledge. So, computer science and engineering department would like to conduct a certificate course on "**Introduction to Python Programming**" from 04-11-2022 It will be a 30-hour course scheduled for November to February of this academic year 2022-2023.Kindly request you to give the permission for the same.

All S1S2 UG Engineering students of CSE Departments are Eligible for this course.

Thank you for your consideration. I look forward for your response soon.

Place: NCERC

Date: 17.10.2022

permitted

Sincerely,

ANU RINNY SUNNY

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Thrissur - 680588

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ADMISSION TO ADD-ON COURSE (2022-2023)

Applications are invited for admission for the Add-On Course 'Introduction to Python Programming' offered by the Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

Eligibility Criteria:

All First Year UG Engineering students of CSE department are Eligible.

Interested Students can give their names to respective class advisors on before 31-10-2022

Timing:

1 hour per day for 30 days. Saturday may be used at the discretion of the Department.

Attendance:

A minimum of 75% attendance is required for writing the examination.

Important Dates:

Commencement of Classes:04-11-2022

Examination date : 24-02-2023

HOD

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VALUE ADDED COURSE SYLLABUS

SUBJECT: INTRODUCTION TO PYTHON PROGRAMMING

SL. NO.	TOPIC	TOTAL NO. OF HOURS	WEIGHTAGE OF MARKS (IN %)
I	Computer Fundamentals-input output devices. Functional units of a computer-components of a computer, Von Neumann architecture, memory. Introduction to programming languages- Types of programming languages- high level language, assembly language and machine language. Compiler, Assembler and Interpreter.	10	30%
II	Introduction to Python- variables, expressions and statements, evaluation of expressions, precedence, String values, String operations, String slices, String Operators	10	30%
III	Functions, calling functions, type conversion and coercion, composition of functions, mathematical functions, user-defined functions, parameters and arguments.	10	40%

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DEPARTMENT OF :

Name of the Faculty : PRAVEENA.K / ANU.RINNY SUNNY

Branch / Course : AI

Year & Semester : 2022 - 23

Subject Code :

Name of the Subject :

Objective of the Course : Python programming is indeed for software engineers, system analytics and user support personal who wish to learn the python programming language

We can use this language for both small and complex tasks

The main learning outcome is to solve the problems easily and improve the programming capability.

RECORD CHECKING

Month	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Initial of HOD												
Initial of Principal												

Final Verification By

Principal

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LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
1.	Computer fundamentals	Internet	PPT		4.11.22	4.11.22		
	Input Output devices		"					
2	functional units of a computer				4.11.22	4.11.22.		
3	components of a computer.				11.11.22	11.11.22		
	von. ne-man Architecture							
	memory							
4	Introduction to Programming languages				14.11.22	14.11.22		
5	Types of programming languages.		"		18.11.22	18.11.22		
6	High level language, assembly language and machine language				25.11.22	25.11.22		
7	compiler, Assembler and interpreter.				16.12.22	16.12.22		
8	Introduction to Python		"		6.1.23	6.1.23		
9	variables, Data types				6.1.23	6.1.23		
	expression							
10	statements, evaluation of expressions, precedence				11.1.23	11.1.23		
11	string values.				11.1.23	11.1.23		

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LECTURE PLAN

Lecture No	Topics	Text/ Reference Book No & Section	Teaching Aid Used (ICET, Lecture GD Demo, Debate etc.)	Assessment Method used (Assignment, problems Reading Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
12	String operations, string		PPT		18.1.23	18.1.23		R
	[illegible], string operators		lecture					
13	functions				20.1.23	20.1.23		R
14	Calling functions				23.1.23	23.1.23		R
15	Type conversions and				30.1.23	30.1.23		R
	[illegible]							
16	composition of functions				4.2.23	4.2.23		R
17	mathematical functions				6.2.23	6.2.23		R
18	user defined functions				10.2.23	10.2.23		R
19	Parameters				13.2.23	13.2.23		R
			"					
20	Arguments				15.2.23	15.2.23		R
21	Revision		"		17.2.23	17.2.23		

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Since 1968

FIRST SEMESTER (2022-26)- B BATCH
ADD ON-INTRODUCTION TO PYTHON PROGRAMMING

NAME OF THE STUDENT: Hara Krishna S.R

REGISTER NUMBER: NCE22AM027

(ANSWER ALL QUESTIONS 25*1=25 MARKS)

24/25

1.Which one of the following operator returns remainder as the result?

(A./ B.// C.% D.*) Answer. C ✓

2.Which of the following is an invalid variable ?

(A.MY_STRING B.1sth_str C.shrey D.thej_17) Answer. B ✓

3.Python is case sensitive in terms of variables.

(A.True B. False) Answer . A ✓

4.Which one of the following is the order of operation.

(A.PEMDAS B.EPMDAS C.MDASEP D.SADPEM) Answer. A ✓

5.Who developed Python language ?

(A.Guido Vann Rossum B.Dennis Ritche C.James Gosling D.Donald Chamberlin)

Answer. A ✓

6.Python is a ---------- language?

(A. Assembly B. Compiled C. Interpreted D. Interactive) Answer: C ✓

7.Which of the following is the correct extension of the python file?

(A. .C B. .PC C. .PY D. .python) Answer: C ✓

8.To verify the type of any object in Python use ------- function ?

(A.int() B.float() C.type() D.char()) Answer: C ✓

9.What is the output of >>>print("NCERC")

(A.ncerc B."ncerc" C.NCERC D."NCERC") Answer: C ✓

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10.---------- datatype is used to store multiple items in a single variable ?

(A.int() B.List C.Char() D.Float()) Answer. B

11.def is a---------- in python ?

(A. identifier B. Keyword C.Operator D.statement() Answer. B

12.What will be the output of string concatenation

Str1="hello"

Str2="world"

Print str1+str2

(A.HELLOWORLD B.heloo C.world D.helloworld) Answer. D

13. Which of the following function is a built in function in python?

(A.factorial() B.print() C.seed() D.add()) Answer . B

14.What will be the output of the following Python function ?

len([2, 4, 6, 8])

(A.Error B.3 C.4 D.5) Answer . C

15.What are the two main types of functions in Python?

(A .System function B.User function C.Built in function & User defined function D.None of the mentioned) Answer . C

16.Which of the following is not a keyword in python language?

(A.val B.raise C.print D.def) Answer. A

17.What will be the output of the following code

Val1 = 2

Val2 = 3

Sum =Val1 - Val2

Print (Sum)

(A.6 B.5 C.7 D.9) Answer. B

18.What will be the output of following code .

lst1 = [1,2,15,9]

lst2 =["Amy","shine","Tilly"]

print(lst1)

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(A.[3,4,5] B.[Amy,shine,lilly] C.[1,2,15,9] D.[2,15,1]) Answer. C

19.Physical mouse has a --------- on the bottom that protrudes when the mouse is moved?

(A.Rubber ball B.Trackball C.Transmitter D.Detector) Answer. B

20.Touch screens have an ---------- that criss-cross the surface of screen ?

(A.Photocell B.Electric pulse C.Infrared beam D.Light wave) Answer. B

21.Trackball is a ---------- type of device?

(A.Input B.Output C.Audio D.video) Answer. A

22.Find out the example of operating system from the below list.

(A.Mozilla B.Facebook C.MSOffice D.Linux) Answer : D

23.---------- is a set of instructions that a computer can run.

(A.Process B.Program C.Application software D.None of the Mentioned)

Answer. B

24.---------- is the example for an System software?

(A.Browser B.facebook C.Operating System D. None of the Mentioned)

Answet. A

25.---------- is used to perform Line by Line compilation.

(A.Assembler B.Interpreter C. Compiler D. D. None of the Mentioned)

Answer. B

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ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, NCERC

FOR HIS/HER PROFICIENCY IN THE ADD-ON COURSE UNDER **INTRODUCTION TO PYTHON PROGRAMMING** IN THE ACADEMIC YEAR 2022-23.

Praveena

Ms. Praveena K
AP, CSE, NCERC
Programme Coordinator

Dr. Sivakumar K 10.04.2023
Computer

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AP/ CSE/ NCERC
Programme Coordinator

10.04.2023
Dr. Sivakumar K
Professor & Head
Computer Science & Engineering

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10.04.2023

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2	NCE21AM002	ADITYA KRISHNA T K			
3	NCE21AM003	AKSHAY KRISHNA K			
4	NCE21AM004	ALEENA BINU			
5	NCE21AM005	AMAL V V			
6	NCE21AM006	AMEZA I ANIL			
7	NCE21AM007	AMRUTH S			
8	NCE21AM008	ANAS P M			
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32	NCE21AM032	NANDHANA K			
33	NCE21AM033	NANDHAN Sivam			
34	NCE21AM034	NITHIN N			
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	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo	11	11	11	11	11	11	11	11	12	12	1	1	1
Dt	4	4	11	11	18	18	25	25	16	16	6	6	7
Hr	6	6	5	6	5	6	5	6	5	6	5	6	6
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REPORT - THEORY

Final Exam Marks			Internal Assessment Marks					
Regular Exam Marks (Out of)	Retest Exam Marks (Out of)	Int. Exam Marks (Out of)	Assignment Marks (Out of)	Attendance Marks (Out of)	Internal Marks (Out of)			

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3	NCE22AM003	AKSHAY KRISHNC
4	NCE22AM004	ALETA BINU
5	NCE22AM005	AMAL NV
6	NCE22AM006	AMEYA L ANIL
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Mo	1	1	1	1	1	1	1	1	1	2	2	2	2
Dt	17	23	13	16	18	20	20	23	30	4	6	10	10
Hr.	2	5	6	4	2	5	6	4	4	6	4	5	6
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Mo.	2	2	2	2									
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REPORT - THEORY

Final Exam Marks		Internal Assessment Marks				
Final Exam Marks (Out of ____)	Retest Exam Marks (Out of ____)	Final Exam Marks (Out of ____)	Assignment Marks (Out of ____)	Attendance Marks (Out of ____)	Internal Marks (Out of ____)	

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36	NCE22AM036	PRANAV S			
37	NCE22AM037	RITHU SMERA K P			
38	NCE22AM038	RIZAN MUHAMMED			
39	NCE22AM039	ROHINI M V			
40	NCE22AM040	SANGEETHA RAJEEV K			
41	NCE22AM041	SOORAJ P			
42	NCE22AM042	SREE VAISHNAV P			
43	NCE22AM043	SUDHEESH KRISHNAN N			
44	NCE22AM044	VISHNU P R			
45	NCE22AM045	YADHUNANDHANAN R			
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Mo	11	11	11	11	11	11	11	11	12	12	1	1	1
Dt.	4	4	11	11	18	18	21	25	16	16	6	6	7
Hr.	5	6	5	6	5	6	5	6	5	6	5	6	6
35	/	/	/	/	/	/	/	/	/	/	/	/	/
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42	/	/	/	/	/	/	/	/	/	A	/	/	/
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REPORT - THEORY

nal Exam Marks				Internal Assessment Marks							
Int. Exam Marks	(Out of ___)	Retest Exam Marks	(Out of ___)	Int. Exams Marks	(Out of ___)	Assignment Marks	(Out of ___)	Attendance Marks	(Out of ___)	Internal Marks	(Out of ___)

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	Reg No.	Nan
35	NCE22AM035	PRANAV A R
36	NCE22AM036	PRANAV S
37	NCE22AM037	RITHU SMERA
38	NCE22AM038	RIZAN MUHAM
39	NCE22AM039	ROHINI M V
40	NCE22AM040	SANGEETHA RA
41	NCE22AM041	SOORAJ P
42	NCE22AM042	SREE VAISHNAV
43	NCE22AM043	SUDHEESH KRISH
44	NCE22AM044	VISHNU P R
45	NCE22AM045	YADHUNANDHAN
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No. of Absentees		
Initial of the Faculty		

	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo	1	1	1	1	1	1	1	1	1	2	2	2	2
Dt	11	13	18	16	15	20	20	23	30	4	6	10	10
Hr	2	5	6	4	2	5	6	4	4	6	4	5	6
35	/	/	/	/	/	/	/	/	/	/	/	/	/
36	/	/	/	/	/	/	/	/	/	/	/	/	/
37	/	/	/	/	/	/	/	/	/	/	/	/	/
38	/	/	/	/	/	/	/	/	/	/	/	/	/
39	/	/	/	/	/	/	/	/	/	/	/	/	/
40	/	/	/	/	/	/	/	/	/	/	/	/	/
41	/	/	/	/	/	/	/	/	/	/	/	/	/
42	/	/	A	/	/	/	/	/	/	/	/	/	/
43	/	/	/	/	/	/	/	/	/	/	/	/	/
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	27	28	29	30	31	32	33	34	35	36	37	38	39
Mo	2	2	2	2									
Dt	13	15	17	17									
Hr	4	2	5	6									
35	/	/	/	/									
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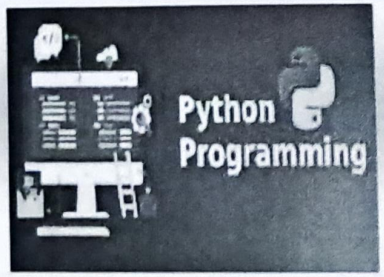
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ADD ON COURSE

ON



About Python Programming

Python has been voted as a favorite language rather than c, c ++, machine learning course, learn r programming. To write scripts, testing mobile devices it is the most demandable language in IT industry. Python just the great tool at large scale. Companies in India, us expecting highly skilled python developers for their companies. Statistics show that continuous rise in salaries for python developers. Python offers excellent management memory

Objective

After completion of this course students will be able to Master the fundamentals of writing python scripts. To learn the core python scripting elements such as variable & flow control structures. To analyse, use and implement strings and lists and to write the programmes based on the above

Important Dates:

Commencement of Classes :4-11-2022

Examination Date: 24-02-2023

Coordinator:

Asst.prof.praveena.k

Department of computer science and engineering

Nehru college of engineering and research center
Mobile no:9633692202
Email: praveena3943@ncerc.ac.inWebsite:www.ncerc.ac.in

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OF

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, NCERC

FOR HIS/HER PROFICIENCY IN THE ADD-ON COURSE UNDER
INTRODUCTION TO PYTHON PROGRAMMING IN THE ACADEMIC YEAR
2022-23.

Praveenak.

Ms. Praveena K
AP, CSE, NCERC
Programme Coordinator

Dr. Sivakumar K 10.04.2023
Professor and Head
Computer Science & Engineering

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Ms. Praveena K
AP/ CSE/ NCERC
Programme Coordinator

Dr. Sivakumar K 10.04.2023
Professor & Head
Computer Science & Engineering

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2022-23.

Praveena K.

Ms. Praveena K
AP/ CSE/ NCERC
Programme Coordinator

10.04.2023

Dr. Sivakumar K
Professor & Head
Computer Science & Engineering

13

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2022-23.

Ms. Praveena K
AP/ CSE/ NCERC
Programme Coordinator

Dr. Sivakumar K 10.04.202
Professor & Head
Computer Science & Engineering

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE19CS001	ABHIJNA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS002	ABHISHEK R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS003	ABIJITH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS004	ABILASH N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS005	ADARSH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS006	AKHILA K M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS007	ALBIN JOSEPH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS008	ALEENA SHIBU	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓
NCE19CS010	AMAL K C UNNI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS011	AMAL O P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	AB	✓	✓
NCE19CS012	AMRUTHA P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS014	ANAND K B	AB	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS015	ANASWARA C P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB
NCE19CS016	ANJALI M A	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS017	ANOOP ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
NCE19CS018	ANUPAVITHRA P B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS019	ARCHA ANAND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE19CS001	ABHIJNA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS002	ABHISHEK R	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS003	ABIJITH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS004	ABILASH N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS005	ADARSH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS006	AKHILA K M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS007	ALBIN JOSEPH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS008	ALEENA SHIBU	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓
NCE19CS010	AMAL K C UNNI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS011	AMAL O P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	AB	✓	✓
NCE19CS012	AMRUTHA P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS014	ANAND K B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS015	ANASWARA C P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB
NCE19CS016	ANJALI M A	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS017	ANOOP ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
NCE19CS018	ANUPAVITHRA P B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS019	ARCHA ANAND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE19CS020	ARCHANA C V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS021	ARCHA P S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS022	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS023	ARJUN RAJ K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS024	ARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS025	ASWATHY SUBRAMANIAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS026	ASWIN DAS M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS027	ASWIN T T	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS029	BHAVYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS030	GEETHU K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS031	GOKILA KRISHNAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS032	GOKULAN G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS033	GOPIKA G KRISHNAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS034	HARIKRISHNAN M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS035	HAROON AL SHAJI C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS036	IRFAN M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS037	IRSHAD K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS038	JAGATH V MADHAVAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS039	JYOTHIKA V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS040	KAVYA K B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓

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Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE19CS020	ARCHANA C V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS021	ARCHA P S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS022	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS023	ARJUN RAJ K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS024	ARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS025	ASWATHY SUBRAMANIAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS026	ASWIN DAS M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS027	ASWIN T T	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS029	BHAVYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS030	GEETHU K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS031	GOKILA KRISHNAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS032	GOKULAN G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS033	GOPIKA G KRISHNAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS034	HARIKRISHNAN M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS035	HAROON AL SHAJI C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS036	IRFAN M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS037	IRSHAD K V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS038	JAGATH V MADHAVAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS039	JYOTHIKA V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS040	KAVYA K B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE19CS041	LAKSHMI SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS042	LEKHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS043	MANJU SURENDRAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS044	M ARJUN MURALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS045	M A SWATHI KRISHNA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS047	MIDHUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS048	MOHAMED ANAS A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS049	MOHAMMED SALIH S A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS050	M PREETHIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS051	MUHAMMED FAADHIL K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS052	NIGHIL KRISHNA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS053	NIKHIL P GOPINATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS054	NIMA P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS055	NIVYA IGNATIOUS	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS056	PRAJITH PRASAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS057	P SYAMALA KRISHNA PRIYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS058	P T ERICK MON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS059	RAHUL RAMKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS061	SANDRA K SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE19CS041	LAKSHMI SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS042	LEKHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS043	MANJU SURENDRAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS044	M ARJUN MURALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS045	M A SWATHI KRISHNA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS047	MIDHUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS048	MOHAMED ANAS A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS049	MOHAMMED SALIH S A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS050	M PREETHIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS051	MUHAMMED FAADHIL K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS052	NIGHIL KRISHNA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS053	NIKHIL P GOPINATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS054	NIMA P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS055	NIVYA IGNATIOUS	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS056	PRAJITH PRASAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS057	P SYAMALA KRISHNA PRIYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS058	P T ERICK MON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS059	RAHUL RAMKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS061	SANDRA K SANTHOSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE19CS062	SANJAY M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS063	SHAIFULLA J P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS064	SOUMYA P R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS065	SREELAKSHMI G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS066	SREESHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS067	SRIHARI B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS068	SRILAYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS069	SURAJ S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS070	SURYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS071	SUSHAMA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS072	SWATHY U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS073	THARUN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS074	THEJUS SREEJITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS075	VARSHA A NAIR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS076	VISHNU N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS077	ZEBA KADHEEJA Z	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE19CS078	SREEKUMAR P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Sep	Sep	Sep	Sep	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov
		15	16	19	25	10	10	11	14	17	3	31	31	7	9	9
NCE19CS062	SANJAY M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS063	SHAIFULLA J P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS064	SOUMYA P R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS065	SREELAKSHMI G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS066	SREESHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE19CS067	SRIHARI B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS068	SRILAYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS069	SURAJ S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS070	SURYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19CS071	SUSHAMA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS072	SWATHY U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS073	THARUN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS074	THEJUS SREEJITH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS075	VARSHA A NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS076	VISHNU N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19CS077	ZEBA KADHEEJA Z	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE19CS078	SREEKUMAR P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Sep	Sep	Sep	Sep	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov
		15	16	19	25	10	10	11	14	17	3	31	31	7	9	9
NCE20CS001	AARATHI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS002	ABHIJITH GIRISH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS003	ABHILASH H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS004	ABIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS005	ADARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS006	ADITHYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS007	ADITHYAN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS008	ADITYA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS009	AJAY KRISHNA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS010	AJAY P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS011	AKASH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS012	AKSHARA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS013	AKSHAY KRISHNAN K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS014	AKSHAY T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS015	AMAL P D	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS016	ANAND M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS017	ANAND M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS018	ANANTHU K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS019	ANASWARA C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS020	ANEK SEKHAR P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS021	ANIRUDHAN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS022	ANIRUDHAN P M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Sep	Sep	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov
		15	16	19	25	10	10	11	14	17	3	31	31	7	9	9
NCE20CS001	AARATHI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS002	ABHIJITH GIRISH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS003	ABHILASH H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS004	ABIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS005	ADARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS006	ADITHYA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS007	ADITHYAN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS008	ADITYA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS009	AJAY KRISHNA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS010	AJAY P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS011	AKASH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS012	AKSHARA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS013	AKSHAY KRISHNAN K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS014	AKSHAY T	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS015	AMAL P D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS016	ANAND M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS017	ANAND M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS018	ANANTHU K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS019	ANASWARA C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS020	ANEK SEKHAR P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS021	ANIRUDHAN P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS022	ANIRUDHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

Reg No	Name	No. of Hours														
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE20CS023	ANJALI NANDANA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS024	ANJANA CHANDRAN	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS025	ANUGRAH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS026	ANUPAMA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS027	ANUSREE K G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS028	APARNA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS029	ARCHANA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS030	ARJUN K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS031	ARYA K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS032	ASHVIN SIBI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS033	ASHWIN C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS034	ASHWIN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS035	ASWATHI K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS036	ASWATH V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS037	ASWINDAS C H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS038	AVINASH M P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS039	BASIL P SUNNY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS040	C S GIRISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS041	C SWETHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS042	DANIEL SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS043	DEEPAK K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS044	DITNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		16 Nov 14	17 Nov 14	18 Nov 14	19 Nov 21	20 Nov 21	21 Nov 21	22 Nov 28	23 Nov 28	24 Nov 28	25 Dec 5	26 Dec 5	27 Dec 12	28 Dec 12	29 Dec 19	30 Dec 19
NCE20CS023	ANJALI NANDANA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS024	ANJANA CHANDRAN	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS025	ANUGRAH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS026	ANUPAMA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS027	ANUSREE K G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS028	APARNA V P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS029	ARCHANA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS030	ARJUN K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS031	ARYA K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS032	ASHVIN SIBI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS033	ASHWIN C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS034	ASHWIN MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS035	ASWATHI K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS036	ASWATH V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS037	ASWINDAS C H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS038	AVINASH M P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS039	BASIL P SUNNY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS040	C S GIRISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS041	C SWETHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS042	DANIEL SURESH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS043	DEEPAK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS044	DITNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE20CS045	GOPIKA SREEJITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS046	GOUTHAM KRISHNA C M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS047	HABIN C BINOY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS048	HARIKRISHNAN C N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS049	HARIKRISHNAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS050	HEMENTH J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS051	IRFAN K N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS052	JISHA P B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS053	JYOTHIRADITHYA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS054	KAILAS K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS055	KRISHNA ANAND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS056	LERIESHA S MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS057	MABLE SEBASTIAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS058	MAYA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS059	MOHAMMED SABIQ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS060	MUHAMMED RAMEEZ C A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS061	NANDAJA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS062	NANDAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS063	NANDHANA P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS064	NIDHEESH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS065	NIKHIL P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS066	NITHIN ARAVIND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS067	PAVITHRA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS068	POOJA G	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE20CS045	GOPIKA SREEJITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS046	GOUTHAM KRISHNA C M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS047	HABIN C BINOY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS048	HARIKRISHNAN C N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS049	HARIKRISHNAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS050	HEMENTH J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS051	IRFAN K N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS052	JISHA P B	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS053	JYOTHIRADITHYA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS054	KAILAS K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS055	KRISHNA ANAND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS056	LERIESHA S MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS057	MABLE SEBASTIAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS058	MAYA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS059	MOHAMMED SABIQ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS060	MUHAMMED RAMEEZ C A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS061	NANDAJA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS062	NANDAN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS063	NANDHANA P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS064	NIDHEESH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS065	NIKHIL P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS066	NITHIN ARAVIND	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS067	PAVITHRA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS068	POOJA G	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Since 1968

ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE20CS069	PRAJITH P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS070	RANJITH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS071	ROHITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS072	ROSHNA KABEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS073	SAFEEDA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS074	SANJAY KRISHNA C	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS075	SARATH KRISHNAN P V	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS076	SHAFRIN FATHIMA H S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS077	SIDHARTH P V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS078	SIMI R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS079	SIYANA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS080	SNEHA THOMAS	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS081	SREEKUMAR T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS082	SURYA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS083	SUVARNA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS084	VAISHNAV ASHOK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS085	VAISHNAV U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS086	VANDHANA V R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS087	VARSHA K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS088	VIDUL K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS089	VISHNU J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS090	YADHUKRISHNAN U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

Reg No	Name	No. of Hours														
		16 Nov 14	17 Nov 14	18 Nov 14	19 Nov 21	20 Nov 21	21 Nov 21	22 Nov 28	23 Nov 28	24 Nov 28	25 Dec 5	26 Dec 5	27 Dec 12	28 Dec 12	29 Dec 19	30 Dec 19
NCE20CS069	PRAJITH P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS070	RANJITH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS071	ROHITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE20CS072	ROSHNA KABEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS073	SAFEEDA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS074	SANJAY KRISHNA C	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS075	SARATH KRISHNAN P V	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE20CS076	SHAFRIN FATHIMA H S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS077	SIDHARTH P V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS078	SIMI R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS079	SIYANA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS080	SNEHA THOMAS	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS081	SREEKUMAR T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS082	SURYA T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS083	SUVARNA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS084	VAISHNAV ASHOK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS085	VAISHNAV U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS086	VANDHANA V R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS087	VARSHA K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS088	VIDUL K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS089	VISHNU J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE20CS090	YADHUKRISHNAN U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE22CS001	ABHINAV S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS002	ABHISHA K J	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS003	ABHISHEK G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS004	ABIJITH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS005	ABINAV K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS006	ABIN T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS007	ABISHEK S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS008	ADARSH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS009	ADHEEB V	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS010	ADITHYA HARIDAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS011	ADITHYA KRISHNAN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS012	ADITHYAN SHAJI E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS013	ADVAIT RATHISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS014	AJMAL P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS015	AJMAL P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS016	AKASH K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS017	AKASH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS018	AKASH N S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS019	AKASH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS020	AKHILA M SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS021	AKSHAYA AJITH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS022	AKSHAYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE22CS023	AKSHITHA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS024	ALOKH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS025	AMALSURYA H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS026	ANAGHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS027	ANANTHAKRISHNAN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS028	ANANYA P S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS029	ANGEL G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS030	ANIRUDH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS031	ANJALI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS032	ANJANA M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS033	ANUBHAV VK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS034	ANUSREE A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS035	ARATHI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS036	ARCHA B LAL	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS037	ARCHANA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS038	ARJUN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS039	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS040	ARUNDEV A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS041	ARYA ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS042	ARYA KRISHNA E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS043	ARYA S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS044	ASHIK M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Since 1966

Reg No	Name	No. of Hours														
		16 Nov 14	17 Nov 14	18 Nov 14	19 Nov 21	20 Nov 21	21 Nov 21	22 Nov 28	23 Nov 28	24 Nov 28	25 Dec 5	26 Dec 5	27 Dec 12	28 Dec 12	29 Dec 19	30 Dec 19
NCE22CS045	ASHWIN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS046	ASNA P A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS047	ASWATHY K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS048	ASWIN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS049	ATHUL C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS050	ATHULKRISHNA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS051	ATHUL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS052	AZIN RAJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS053	BHAVYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS054	DRISHYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS055	EDWIN V B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS056	FARHANA SHERIN A K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS057	FARZEEN MOHAMMED S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS058	FYHA FATHIMA M	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE22CS001	ABHINAV S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS002	ABHISHA K J	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS003	ABHISHEK G	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS004	ABIJITH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS005	ABINAV K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS006	ABIN T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS007	ABISHEK S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS008	ADARSH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS009	ADHEEB V	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS010	ADITHYA HARIDAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS011	ADITHYA KRISHNAN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS012	ADITHYAN SHAJI E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS013	ADVAIT RATHISH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS014	AJMAL P	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS015	AJMAL P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS016	AKASH K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS017	AKASH K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS018	AKASH N S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS019	AKASH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS020	AKHILA M SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS021	AKSHAYA AJITH	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS022	AKSHAYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRINCIPAL
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Since 1968

ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE22CS023	AKSHITHA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS024	ALOKH K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS025	AMALSURYA H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS026	ANAGHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS027	ANANTHAKRISHNAN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS028	ANANYA P S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS029	ANGEL G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS030	ANIRUDH S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS031	ANJALI P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS032	ANJANA M V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS033	ANUBHAV VK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS034	ANUSREE A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS035	ARATHI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS036	ARCHA B LAL	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS037	ARCHANA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS038	ARJUN K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS039	ARJUN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS040	ARUNDEV A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS041	ARYA ANIL KUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS042	ARYA KRISHNA E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS043	ARYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS044	ASHIK M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRINCIPAL

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Since 1968

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE22CS045	ASHWIN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS046	ASNA P A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS047	ASWATHY K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS048	ASWIN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS049	ATHUL C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS050	ATHULKRISHNA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS051	ATHUL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS052	AZIN RAJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS053	BHAVYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS054	DRISHYA R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS055	EDWIN V B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS056	FARHANA SHERIN A K	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS057	FARZEEN MOHAMMED S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS058	FYHA FATHIMA M	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓

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COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE22CS059	GISHAL S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS061	HANZIL K H	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS062	HARINANDANA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS063	HARINANDANA V A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS064	IJAS AHAMMED N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS065	INARA BASHEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS066	JISHON JACOB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS067	JISS JOHNY	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS068	JOSEPH SIBY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS069	JOYAL SAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS070	KEERTHANA SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS071	KHADEEJA SHABEER AHAMMED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS072	K M GOPIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS073	KRISHNENDU K V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS074	MINSIYAMOL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS075	MOHAMMED FIRHAZ P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS076	MOHAMMED KAIF S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS077	MOHAMMED SHAHIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS078	MOHAMMED SIDHAN N M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS079	MUHAMMED ANAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS080	MUHAMMED SHIFAS A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS081	NANDANA A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE22CS082	NANDITA P NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS083	NAVAJOTH P	✓	✓	✓	AB	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS084	NEERAJ PRADEESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS085	NEHAL K DAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS086	NIBA NAUFAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS087	NIJUVAL B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS088	P ASWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS089	PRANAV P MENON	✓	✓	✓	AB	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS090	PRATHYUSHA SUNIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS091	PRAVEEN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS092	PRINISHA P J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS093	P SURAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS094	ROHAN R MENON	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS095	ROHITH T C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS096	SANJAY KARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS097	S ANUPAMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS098	SASILEKHA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS099	SAYOOJ S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS100	SEKKEENA KHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS101	SHAHANA FATHIMA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS102	SHAHINA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS103	SHAHIN S MUSTAFFA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE22CS104	SHAMSIYYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS105	SHIJITH MURALI	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS106	SHINOJ K T	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS107	SNEHA SOMAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS108	SRADHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS109	SREERAM C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS110	SREERAM S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS111	SREESHA M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS112	SURYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS114	VISHNU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS115	VISHNU S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NAVODH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE22CS059	GISHAL S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS061	HANZIL K H	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS062	HARINANDANA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS063	HARINANDANA V A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS064	IJAS AHAMMED N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS065	INARA BASHEER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS066	JISHON JACOB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS067	JISS JOHNY	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS068	JOSEPH SIBY	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS069	JOYAL SAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS070	KEERTHANA SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS071	KHADEEJA SHABEER AHAMMED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS072	K M GOPIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS073	KRISHNENDU K V	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS074	MINSIYAMOL M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS075	MOHAMMED FIRHAZ P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS076	MOHAMMED KAIF S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS077	MOHAMMED SHAHIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS078	MOHAMMED SIDHAN N M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS079	MUHAMMED ANAS A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS080	MUHAMMED SHIFAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS081	NANDANA A K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS082	NANDITA P NAIR	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS083	NAVAJOTH P															

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NCE22CS084	NEERAJ PRADEESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS085	NEHAL K DAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS086	NIBA NAUFAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS087	NIJUVAL B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS088	P ASWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS089	PRANAV P MENON	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS090	PRATHYUSHA SUNIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS091	PRAVEEN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS092	PRINISHA P J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS093	P SURAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS094	ROHAN R MENON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS095	ROHITH T C	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS096	SANJAY KARUN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS097	S ANUPAMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS098	SASILEKHA K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS099	SAYOOJ S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS100	SEKKEENA KHAN P M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS101	SHAHANA FATHIMA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS102	SHAHINA A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS103	SHAHIN S MUSTAFFA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS104	SHAMSIYYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS105	SHIJITH MURALI	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS106	SHINOJ K T	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS107	SNEHA SOMAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS108	SRADHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS109	SREERAM C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS110	SREERAM S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS111	SREESHA M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS112	SURYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Sep	Sep	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov
		15	16	19	25	10	10	11	14	17	3	31	31	7	9	9
NCE22CS104	SHAMSIYYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS105	SHUITH MURALI	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS106	SHINOJ K T	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS107	SNEHA SOMAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS108	SRADHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE22CS109	SREERAM C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS110	SREERAM S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS111	SREESHA M	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS112	SURYA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE22CS114	VISHNU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS115	VISHNU S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NAVODH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE22CS114	VISHNU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE22CS115	VISHNU S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	NAVODH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE21CS001	ABDUL HARIS H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS002	ABHIJITH R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS003	ABHIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS004	ABHILASH U P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS005	ABHINAV BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS006	ABHINAV SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS007	ABHISHEK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS008	ABHISHEK R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS009	ADHARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS010	ADITHYAN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS011	ADITHYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS012	AISWARYA A P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS013	AKASH ANILKUMAR M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS014	AKASH ASHOK	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS015	AKASH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS016	AKSHAY G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS017	AKSHAY MUTTIYACHERRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS019	ANAGHA KESAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS020	ANANTHU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS021	ANIRUDH BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS022	ANSAL C A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS023	ANUNANDHA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE21CS024	ANURAG P P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS025	ARJUN P R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS026	ARUN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS028	ARYA U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS029	ASHFAQ A A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS030	ATHULRAJ A R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS031	BIMAL P SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS033	DAZZAL DAVID C D	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS034	FABIAN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS035	FATHIMA HANNATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS036	FATHIMA ROSNA T A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS037	HABEEB RAHAMAN SHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS038	HARIPRIYA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS039	HARITHA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS040	HELNA JAYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS041	HIBA SHERIN M H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS042	JANEESHA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS043	JITHU MANIKANDAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS044	J SRIVISHNU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS045	KAVYA B S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS046	LAVANYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS047	LIKITHA B															

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE21CS024	ANURAG P P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS025	ARJUN P R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS026	ARUN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS028	ARYA U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS029	ASHFAQ A A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS030	ATHULRAJ A R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS031	BIMAL P SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS033	DAZZAL DAVID C D	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS034	FABIAN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS035	FATHIMA HANNATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS036	FATHIMA ROSNA T A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS037	HABEEB RAHAMAN SHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS038	HARIPRIYA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS039	HARITHA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS040	HELNA JAYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS041	HIBA SHERIN M H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS042	JANEESHA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS043	JITHU MANIKANDAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS044	J SRIVISHNU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS045	KAVYA B S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS046	LAVANYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS047	LIKITHA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: INTRODUCTION TO PYTHON PROGRAMMING

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE21CS048	MATHEW JOSHUA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS049	MEGHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS050	MEHAROOBA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS051	MELSY M J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS052	M MOHAMED HASHID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS053	MOHAMMED BILAL JASIM M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS054	MUHAMMED NAIF E P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS055	MUHAMMED YAZEEN K A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS056	NAJIYA SHEREEN KOTTIYATHODI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE21CS001	ABDUL HARIS H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS002	ABHIJITH R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS003	ABHIJITH S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS004	ABHILASH U P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS005	ABHINAV BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS006	ABHINAV SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS007	ABHISHEK K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS008	ABHISHEK R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS009	ADHARSH P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS010	ADITHYAN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS011	ADITHYA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS012	AISWARYA A P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS013	AKASH ANILKUMAR M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS014	AKASH ASHOK	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS015	AKASH K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS016	AKSHAY G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS017	AKSHAY MUTTIYACHERRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS019	ANAGHA KESAV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS020	ANANTHU A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS021	ANIRUDH BABU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS022	ANSAL C A	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS023	ANUNANDHA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE21CS024	ANURAG P P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS025	ARJUN P R	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS026	ARUN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS028	ARYA U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS029	ASHFAQ A A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS030	ATHULRAJ A R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS031	BIMAL P SHAJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS033	DAZZAL DAVID C D	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS034	FABIAN BIJU	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS035	FATHIMA HANNATH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS036	FATHIMA ROSNA T A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS037	HABEEB RAHAMAN SHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS038	HARIPRIYA A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS039	HARITHA M	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS040	HELNA JAYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS041	HIBA SHERIN M H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS042	JANEESHA K A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS043	JITHU MANIKANDAKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS044	J SRIVISHNU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS045	KAVYA B S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS046	LAVANYA S	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS047	LIKITHA B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		16 Nov 14	17 Nov 14	18 Nov 14	19 Nov 21	20 Nov 21	21 Nov 21	22 Nov 28	23 Nov 28	24 Nov 28	25 Dec 5	26 Dec 5	27 Dec 12	28 Dec 12	29 Dec 19	30 Dec 19
NCE21CS048	MATHEW JOSHUA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS049	MEGHA K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS050	MEHAROOBA K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS051	MELSY M J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS052	M MOHAMED HASHID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS053	MOHAMMED BILAL JASIM M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS054	MUHAMMED NAIF E P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS055	MUHAMMED YAZEEN K A	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS056	NAJIYA SHEREEN KOTTIYATHODI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE21CS057	NAJMUL HUDHA P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS058	NAMRATHA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS059	NANDHANA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS060	NAWAL AKBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS061	NEHA N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS062	NIDHISH C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS063	NIKHIL T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS064	NITHA N	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS065	NITHYA T K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS066	PADMA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS067	POOJA RAJEEV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS068	PRAJITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS069	P S SWATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS070	RAHANA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS071	RAMSHAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS072	RASHIDA C K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS073	RESHMA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS074	RITHINRAJ P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS075	RIZWAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS076	SAMANVAY RAMADAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS077	S AMRITHA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS079	SANJAY MURALEEDHARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE21CS080	SARATH KRISHNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS081	SHAHEEM K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS082	SHAHEEN K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS083	SHIJIN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS084	SHINAS S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS085	SHREYA D NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS086	SIDDARTH MANOJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS087	SIDHARTH M V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS088	SILJA C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS089	SITHARA PARWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS090	SNEHA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS091	SNEHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS092	SNEHA SUDHAKARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS093	SONA UDAYAKUMAR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS094	SONITHA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS096	SOORAJ K SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS097	SOORAJ SANKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS098	SRADHA K J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS099	SREEHARI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS100	SRUTHYSREE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS101	S SHAIMA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS102	STALIGE MOHAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Jan	Jan	Jan	Jan	Jan
		4	4	11	11	18	18	25	25	16	16	6	6	7	11	13
NCE21CS103	SWAROOP KUMAR S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS104	THEERTHA KRISHNA P V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS105	T SREELAKSHMI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS106	V BHAVANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS107	VIGNESH U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS108	V SIVADHARANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS109	VYSHNAV SOMAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS110	ARUN P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS111	MARIYA MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
		Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Nov	Dec	Dec	Dec	Dec	Dec	Dec
		14	14	14	21	21	21	28	28	28	5	5	12	12	19	19
NCE21CS057	NAJMUL HUDHA P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS058	NAMRATHA P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS059	NANDHANA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS060	NAWAL AKBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS061	NEHA N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS062	NIDHISH C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS063	NIKHIL T S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS064	NITHA N	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS065	NITHYA T K	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS066	PADMA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS067	POOJA RAJEEV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS068	PRAJITH P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS069	P S SWATHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS070	RAHANA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS071	RAMSHAD A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS072	RASHIDA C K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS073	RESHMA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS074	RITHINRAJ P K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS075	RIZWAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS076	SAMANVAY RAMADAS A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS077	S AMRITHA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS079	SANJAY MURALEEDHARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE21CS080	SARATH KRISHNA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS081	SHAHEEM K S	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS082	SHAHEEN K P	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS083	SHIJIN S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS084	SHINAS S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS085	SHREYA D NAIR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS086	SIDDARTH MANOJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS087	SIDHARTH M V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS088	SILJA C R	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS089	SITHARA PARWIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS090	SNEHA C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS091	SNEHA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS092	SNEHA SUDHAKARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS093	SONA UDAYAKUMAR	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS094	SONITHA P G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS096	SOORAJ K SURESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS097	SOORAJ SANKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS098	SRADHA K J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS099	SREEHARI M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS100	SRUTHYSREE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS101	S SHAIMA	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS102	STALIGE MOHAN M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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NCE21CS103	SWAROOP KUMAR S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS104	THEERTHA KRISHNA P V	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS105	T SREELAKSHMI	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE21CS106	V BHAVANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS107	VIGNESH U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
NCE21CS108	V SIVADHARANI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE21CS109	VYSHNAV SOMAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS110	ARUN P	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LNCE21CS111	MARIYA MATHEW	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓

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MINUTES OF DEPARTMENT ADVISORY COMMITTEE MEETING HELD ON 09-09-2022

ODD SEMESTER | AY: 2022-2023

A meeting of the Department Advisory Committee (DAC) was held on 09.09.2022 at 3:00 PM in the chamber of HoD. ECE department.

The following members were present

1. Ms. Sajitha A S HOD In-charge, ECE Dept.
2. Mr.Vishnu P Kaimal, Asst. Prof. ECE Dept.
3. Ms.Kiran M, Asst. Prof. ECE Dept.
4. Ms.Lisa C, Asst. Prof. ECE Dept.
5. Mr.Rahul M Nair, Asst. Prof. ECE Dept.
6. Ms. Rachel Stefna Angeline A, Asst. Prof., ECE Dept.

The following decisions were taken:

1. Decision was made to give practical knowledge to students in recent technologies. It was decided to conduct an ADD ON courses for ODD Semester B.Tech ECE starting from 15.09.2022 for 30 hours.

Sl. No.	Semester (B.Tech)	Add-On	Staff In-Charge
1	I	Measuring Instruments and Transducers	Ms. Lisa C
2	III	Familiarization of VHDL / Verilog	Mr. Rahul M Nair
3	V	IoT	Ms. Sajitha A S
4	VII	Rasperry Pi	Ms. Rachel Stefna Angeline A

2. The course will be conducted during the hours allotted for ADD ON course in their timetable. Register before 17.09.2022
3. Staff advisors should ensure maximum participation and monitor the attendance.

The meeting came to an end at 3:50 PM.

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MINUTES OF DEPARTMENT ADVISORY COMMITTEE MEETING HELD ON 13-03-2023

EVEN SEMESTER | AY: 2022-2023

A meeting of the Department Advisory Committee (DAC) was held on 13.03.2023 at 12:00 PM in the chamber of HoD, ECE department.
The following members were present

1. Ms. Sajitha A S, HOD In-charge, ECE Dept.
2. Mr. Vishnu P Kaimal, Asst. Prof., ECE Dept.
3. Mr. Jithin Jose Kallada, Asst. Prof., ECE Dept.
4. Ms. Lisa C, Asst. Prof., ECE Dept.
5. Mr. Rahul M Nair, Asst. Prof., ECE Dept.
6. Ms. Rachel Stefna Angeline A, Asst. Prof., ECE Dept.
7. Mr. Muruganantham C, Asst. Prof., ECE Dept.

The following decisions were taken:

1. Decision was made to give practical knowledge to students in recent technologies. It was decided to conduct an ADD ON courses for EVEN Semester B.Tech ECE starting from 20.03.2023 for 30 hours.

Sl. No.	Semester (B.Tech)	Add-On	Staff In-Charge
1	II	Basics of Electronics Lab Through VL	Ms. Sajitha A S
2	IV	Signals and Systems Lab through VL	Mr. Vishnu P Kaimal
3	VI	Logic Design Through Virtual Lab	Mr. Muruganantham C
4	VIII	VLSI Lab through VL	Mr. Jithin Jose Kallada

2. The course will be conducted during the hours allotted for ADD ON course in their timetable. Register before 17.03.2023
3. Staff advisors should ensure maximum participation and monitor the attendance.

The meeting came to an end at 12:30 PM.

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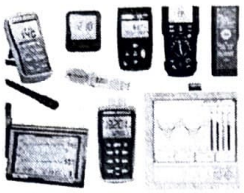
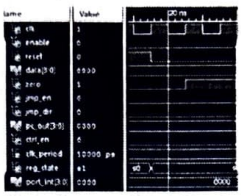
Department of Electronics & Communication Engineering

AY 2022-2023 | Odd Semester | B.Tech Add On Course Registration



Course: Measuring Instruments and Transducers
Semester: I



Course: Familiarization of VHDL / Verilog
Semester: III

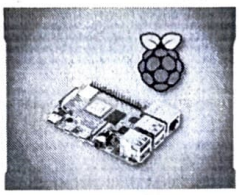
Scan to Register

Last Date: 15.09.2022

Classes Starts from 19.09.2022. Contact Class Advisor for More Information



Course: IoT
Semester: V



Course: Rasperry Pi
Semester: VII

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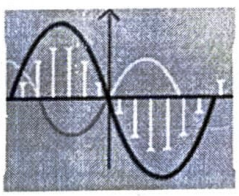
Department of Electronics & Communication Engineering

AY 2022-2023 | Even Semester | B.Tech Add On Course Registration



Course: Basics of Electronics Lab Through VL
Semester: II



Course: Signals and Systems Lab through VL
Semester: IV

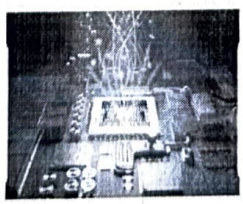
Scan to Register

Last Date: 17.03.2022

Classes Starts from 20.03.2023. Contact Class Advisor for More Information



Course: Logic Design Through Virtual Lab
Semester: VI



Course: VLSI Lab through VL
Semester: VIII

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From,

Ms. Rachel Stefna Angeline. A
Assistant Professor
Department of Electronics and Communication Engineering
Nehru College of Engineering and Research Centre
Pampady, Thrissur.

To,

The Principal
Nehru College of Engineering and Research Centre
Pampady, Thrissur.

Respected Mam,

Sub: Requisition for conducting ADD ON course for S7 ECE students.

The department of Electronics and Communication Engineering is planning to conduct 30 hours ADD ON course on "**Rasperry PI**", for the 7th Semester, ECE students during the academic year, 2022 -2023. The course is intended to be beneficial for students in their academics and for their career.

I request you to kindly grant permission for the same.

Thanking you.

19/9/22.

Yours sincerely,

Ms. Rachel Stefna Angeline. A

Place : NCERC

Date : 19/09/2022.

19/9/2022

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ADMISSION NOTIFICATION TO ADD-ON COURSE (2022-2023)

Applications are invited for admission for the Add-On Course 'Raspberry Pi' offered by the Department of Electronics & Communication Engineering, Nehru College of Engineering and Research Centre, Pampady.

Eligibility Criteria:

All UG/PG Engineering students are Eligible.
Interested Students can give their names to respective class advisors on before 15.09.2022.

Attendance:

A minimum of 75% attendance is required for writing the examination.

Important Dates:

Commencement of Classes: 19.09.2022
Examination date : 01.01.2023 .

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ADD ON COURSE ON RASPBERRY PI

OBJECTIVE OF THE COURSE:

This course elucidates concepts related to Internet of Things. The students will get hands-on experience in working with Raspberry Pi and exploring IoT.

LEARNING OUTCOME:

After completion of the course, the students will be able to understand the working of Raspberry Pi, its features and how various components can be used with Pi. The students will be able to understand IoT practically.

DURATION OF THE COURSE: 30 Hours

MINIMUM ELIGIBILITY CRITERIA: Pursuing BE/B.Tech (CS/EEE/ECE)

COURSE OUTLINE

Sl No	Modules to be Covered
1	Overview of IoT
	Getting started with Raspberry Pi
	Booting Up RPi- Operating System and Linux Commands
2	Working with RPi using Python and Sensing Data using Python
3	IoT Design using Raspberry Pi

DETAILED COURSE SYLLABUS:

Overview of IoT. **&** ***Raspberry Pi:*** Understanding IoT fundamentals. IOT Architecture, protocols. Various Platforms for IoT. Real time Examples of IoT. Overview of IoT components and IoT Communication Technologies

Introduction to Raspberry Pi. Comparison of various Rpi Models. Understanding SoC architecture and SoCs used in Raspberry Pi. Pin Description of Raspberry Pi. On-board components of Rpi. Projects using Raspberry Pi

Linux- Introduction, Architecture, File System. Raspbian O.S.- Introduction, Installing Raspbian on Pi. First boot and Basic Configuration of Pi. Popular Linux Commands

Working with RPi using Python and Sensing Data using Python: Introduction, Python vs. Other Languages, Applications of Python. Understanding Python, Interpreted Languages. Variables, Keywords, Operators and Operands. Data Types in Python, Importing Libraries. Flow Control, Conditional Statement, Loops. Sensors Interfacing- Temperature and Humidity Sensor (DHT11), Motion Sensor (PIR), Obstacle detection using Ultrasonic sensor, etc. Communicating using RPi- GSM interfacing, Accessing on-board Wi-Fi. Connecting Database with RPi

IoT Design using Raspberry Pi IoT Applications based on Pi. LAMP Web-Server. GPIO Control over Web Browser. Creating Custom Web Page for IoT. LAMP. Communicating data using on-board module. Home automation using Pi. Node-RED. MQTT Protocol. Using Node-RED Visual Editor on Rpi.

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: 'RASPBERRY PI'

Reg No	Name	No. of Hours														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Sep	Sep	Sep	Sep	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Oct	Nov	Nov	Nov
		14	16	19	26	10	10	10	17	17	31	31	31	7	7	7
NCE19EC001	ABHIJITH P	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC002	AISWARYA P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB
NCE19EC003	AISWARYA R NAYANAR	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC004	AKHIL J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
NCE19EC005	AKSHAY C K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC006	ANAGHA E P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC007	ANANDHU P D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC008	ANANTH DEVADUTT K	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC009	ANASWARA K M	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
NCE19EC011	ASWATHI C S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC012	ASWINI K	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓

Course Coordinator

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HOD
Head of the Department
Electronics & Communication Engineering
NCERC, Thiruvilwamala-680588

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ATTENDANCE REGISTER OF ADD ON COURSE (2022 - 2023)

COURSE NAME: 'RASPBERRY PI'

Reg No	Name	No. of Hours														
		16 Nov 14	17 Nov 14	18 Nov 14	19 Nov 21	20 Nov 21	21 Nov 21	22 Nov 28	23 Nov 28	24 Nov 28	25 Dec 5	26 Dec 5	27 Dec 12	28 Dec 12	29 Dec 19	30 Dec 19
NCE19EC013	ASWIN V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC014	DRISYA M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC015	GREENA SUNNY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC016	JESSNA P A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC017	J SREEJITH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC018	MALAVIKA VENUGOPAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC019	NIVEDH K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC020	PRAVEEN P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC021	RAHEEB U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC022	SARANYA C M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC024	SNEHA A PUSHPAKARAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC025	SOORAJ K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC026	SRIJUSH P R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NCE19EC027	VYSHNAV S H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Course Coordinator

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ADD ON COURSE 2022-23 ODD SEMESTER-EXAM

COUSRE NAME: RASPBERRY PI

Time : 1 Hr **Max Marks : 50**

Answer all Questions

(Each carries 2 Marks)

1. Raspberry Pi consists of a_____quad-core processor or microprocessor.
   a. 16-bit
   b. 32-bit
   c. **64-bit✓**
   d. 128-bit
2. How much RAM, the Raspberry Pi has?
   a. 2GiB of RAM
   b. **1GiB of RAM✓**
   c. 4GiB of RAM
   d. 8GiB of RAM
3. Which operating system Raspberry Pi has?
   a. Linux
   b. OpenBSD
   c. NetBSD
   d. **All of the above✓**
4. What are the parameters that are default values?
   a. Port_Name and Bits
   b. **Speed and Port_Names✓**
   c. Speed and Parity
   d. Stop bit and Flow Control
5. Which instruction set architecture is used in Raspberry Pi?
   a. X86
   b. MSP
   c. AVR
   d. **ARM✓**
6. What is the Ethernet/LAN cable used in RPi?
   a. Cat5
   b. Cat5e
   c. Cat6
   d. **RJ45✓**
7. What do we use to connect TV to RPi?
   a. Male HDMI
   b. Female HDMI
   c. **Male HDMI and Adapter✓**
   d. Female HDMI and Adapter

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8. What is the speed of operation in Pi 3?
   a. 900MHz
   b. **1.2GHz**✓
   c. 1GHz
   d. 500MHz
9. WiFi is not present in which of the following models?
   a. Raspberry Pi3
   b. Raspberry Pi Zero WH
   c. Raspberry Pi Zero W
   d. **Raspberry Pi Zero**✓
10. **How many ports does raspberry pi 3 model B+ contain?**
   a. ONE
   b. Two
   c. Three
   d. **Four**✓
11. **The speed of raspberry pi 400 is around _____**
   a. 200MHz
   b. **1800MHz**✓
   c. 1200MHz
   d. 2000MHz
12. **Which SOC is used in raspberry pi model A+?**
   a. **BCM2835**✓
   b. BCM2836
   c. BCM2837
   d. None of the above
13. **In which year the raspberry pi model B+ is launched?**
   a. 2015
   b. 2016
   c. 2017
   d. **2018**✓
14. **What are the advantages of raspberry pi?**
   a. Consumes less power
   b. Low-cost
   c. Both a and b✓
   d. None of the above
15. **How many GPIO pins does raspberry pi model B+ have?**
   a. 7
   b. 12
   c. 25
   d. **40**✓
16. **In which one of the following models BCM2711 SOC is used?**
   a. Raspberry pi 3 model B+✓
   b. Raspberry pi 2 model B
   c. Both a and b
   d. None of the above

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17. **The software pulse width modulation in raspberry pi 3 model B is available on _____pins**
    a. GPIO12
    b. GPIO18
    c. GPIO19
    d. **All of the above✓**
18. **In which pin hardware pulse width modulation will not be available?**
    a. GPIO12,13
    b. GPIO18,19
    c. **Both a and b✓**
    d. None of the above
19. **What is the standard form of MISO pin?**
    a. **Master In Slave Out✓**
    b. Memory Input Slave Output
    c. Master Out Slave In
    d. None of the above
20. **_____pins are the EEPROM pins on raspberry pi 3 model B**
    a. GPIO0
    b. GPIO1
    c. GPIO3
    d. **Both a and b✓**
21. **Which port is used to power the raspberry pi device?**
    a. Ethernet port
    b. HDMI port
    c. **Micro USB power port✓**
    d. None of the above
22. **Which one of the following has both I2C and SPI buses?**
    a. Arduino
    b. Raspberry pi
    c. **Both a and b✓**
    d. None of the above
23. **What is the purpose of unnamed-a, unnamed-r commands?**
    a. **Shows OS information✓**
    b. Shows past commands
    c. Change the permission of the directory/file
    d. Used to get the network information
24. **Which command comes under raspberry pi networking commands?**
    a. Ishw
    b. Unzip
    c. **Ifconfig✓**
    d. None of the above
25. **Which type of GPU is used in the raspberry pi B+ model?**
    a. Video core IV✓
    b. Power VR SG X 530
    c. Power VR SG X 540
    d. None of the above

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Since 1968

Name: Malavika Venugopal

Register No.: NCE19EC018

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ADD ON COURSE 2022-23 ODD SEMESTER-EXAM

COUSRE NAME: RASPBERRY PI

Time: 1 Hr **Max Marks: 50**

Answer all Questions
(Each carries 2 Marks)

50/50

1. Raspberry Pi consists of a_____quad-core processor or microprocessor.
   a. 16-bit
   b. 32-bit
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2. How much RAM, the Raspberry Pi has?
   a. 2GiB of RAM
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Thiruvilwamala, Thrissur

Name: Malavika Venugopal

Register No.: NCE19EC018

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10. How many ports does raspberry pi 3 model B+ contain?
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   d. Four

11. The speed of raspberry pi 400 is around _____
   a. 200MHz
   b. 1800MHz
   c. 1200MHz
   d. 2000MHz

12. Which SOC is used in raspberry pi model A+?
   a. BCM2835
   b. BCM2836
   c. BCM2837
   d. None of the above

13. In which year the raspberry pi model B+ is launched?
   a. 2015
   b. 2016
   c. 2017
   d. 2018

14. What are the advantages of raspberry pi?
   a. Consumes less power
   b. Low-cost
   c. Both a and b
   d. None of the above

15. How many GPIO pins does raspberry pi model B+ have?
   a. 7
   b. 12
   c. 25
   d. 40

16. In which one of the following models BCM2711 SOC is used?
   a. Raspberry pi 3 model B+
   b. Raspberry pi 2 model B
   c. Both a and b
   d. None of the above

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Name: Malavika Venugopal Register No.: NCE19E018

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    c. Power VR SG X 540
    d. None of the above

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MARK LIST OF CERTIFICATE COURSE

COURSE NAME: RASPBERRY PI

Academic Year: 2022 - 2023 Semester: VII

S. NO.	REG. NO.	NAME	MARKS (50)
1	NCE19EC001	ABHIJITH P	28
2	NCE19EC002	AISWARYA P	48
3	NCE19EC003	AISWARYA R NAYANAR	48
4	NCE19EC004	AKHIL J	30
5	NCE19EC005	AKSHAY C K	36
6	NCE19EC006	ANAGHA E P	46
7	NCE19EC007	ANANDHU P D	36
8	NCE19EC008	ANANTH DEVADUTT K	26
9	NCE19EC009	ANASWARA K M	28
10	NCE19EC011	ASWATHI C S	40
11	NCE19EC012	ASWINI K	30
12	NCE19EC013	ASWIN V	38
13	NCE19EC014	DRISYA M	40
14	NCE19EC015	GREENA SUNNY	42
15	NCE19EC016	JESSNA P A	50
16	NCE19EC017	J SREEJITH	36
17	NCE19EC018	MALAVIKA VENUGOPAL	50
18	NCE19EC019	NIVEDH K R	36
19	NCE19EC020	PRAVEEN P	40
20	NCE19EC021	RAHEEB U	34
21	NCE19EC022	SARANYA C M	48
22	NCE19EC024	SNEHA A PUSHPAKARAN	38
23	NCE19EC025	SOORAJ K S	34
24	NCE19EC026	SRIJUSH P R	36
25	NCE19EC027	VYSHNAV S H	38

08/01/23

COURSE COORDINATOR

HOD

Head of the Department
Electronics & Communication Engineering
Nehru College of Engineering and Research Centre, Thiruvilwamala- 680588

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CERTIFICATE

OF COMPLETION

PROUDLY PRESENTED TO

Ms. MALAVIKA VENUGOPAL
(NCE19EC018)

for successfully completing the add-on course on **"Raspberry Pi"** conducted by Department of Electronics and Communication Engineering, Nehru College of Engineering and Research Centre, Thrissur in the Odd Semester of Academic Year 2022-2023.

Ms. Rachel Stefna Angeline
Course Coordinator

NEHRU GROUP
Moulding True Citizens
05.01.2023

Ms. Sajitha A S
HOD, ECE

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Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

FROM,

RAJESH P

ASSISTANT PROFESSOR

EEE DEPARTMENT

NCERC

PAMPADY

TO,

THE PRINCIPAL, (THROUGH HOD)

EEE DEPARTMENT

NCERC

PAMPADY

Sir,

SUB: Requisition for conducting Add-on course on" POWER PLANT ENGINEERING "-Reg.

As the assistant professor of EEE department I would like to request your support and permission to conduct a add on course on "POWER PLANT ENGINEERING "from 31st January 2023 to 20th May 2023.The duration of the course will be for a period of 30 hours. The objective of the course is to impart in depth understanding of power plant erection, commissioning and operation and which will be useful for student projects and for their further career. This course will act as a key to enhance knowledge level of students.

The 2019-23 batch admission students of EEE department are eligible for this course.

So, I request you to provide the permission for doing this add on course.

Thank you for your consideration. I look forward for your response soon.

PLACE: Pampady

DATE: 09-01-2023

Yours sincerely,

RAJESH P

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PAMPADY, THIRUVILWAMALA, THRISSUR DIST.

MINUTES OF DEPARTMENT ADVISORY COMMITTEE MEETING HELD ON 09/01/2023

A meeting of the Department Advisory Committee (DAC) was held on 09th January 2023 at 3:00 PM in the chamber of HoD, EEE department.

The following members were present:

1. Dr. Sobha Manakkal-HoD, EEE Dept.
2. Mr. Rajesh P, Assistant Professor, EEE Dept
3. Mr. Sundaramoorthi P-Assistant Professor, EEE Dept.
4. Mr. David E-Assistant Professor, EEE Dept.
5. Mr. Anoop Kumar M.V-Assistant Professor, EEE Dept.

The following decisions were taken:

1. It was decided to conduct a add on course on "POWER PLANT ENGINEERING" from 31ST January 2023 to 20th May 2023 for a period of 30 hours.
2. The course will enhance the technical knowledge of students in the latest developments in the field of power plant erection, commissioning and operation.
3. It was decided to provide the course for 2019-23 batch UG students.
4. Also, it was decided to ensure compulsory attendance and staff advisors should monitor the same.

The meeting came to an end at 3:45 PM.

HoD

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ELECTRICAL AND ELECTRONICS DEPARTMENT

NOTICE 29.01.2023

Department has decided to conduct a certificate course on "POWER PLANT ENGINEERING" on every Thursday forenoon in offline mode during the academic year 2022-23 without affecting class work. The duration of the course will be for a period of 30 hours. The objective of the course is to enable student to understand power plant functioning, different types, conservation in energy, operation and maintenance. This course will act as a key for students to know how power plant is constructed and its operation, considering all technical aspects.

The 2019-23 batch admissions (UG) of EEE department are eligible for this course. All concerned students should attend the entire course without fail. Attendance is compulsory.

Copy:

1. Department Notice Board
2. Staff advisors(For Information to students)
3. Office file

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B.Tech Electrical and Electronics Engineering

Value Added Course: Semester S-Power plant Engineering

Academic Year: 2022-2023_EVEN

Syllabus

Module 1(10 Hours)

Fuels - types - Merits - Demerits - requirements of a good fuel- properties – flash-fire - pour point-Octane number- Cetane number- combustion equation – Combustion volume- calorific values- HCV - LCV- Bomb Calorimeter - Junker's Gas Calorimeter - calorific values- products of combustion -analysis. Steam generators Steam generator – Application - Modern high pressure boiler - La-Mont boiler, Draught-natural - forced - induced - balanced. Steam turbines Principle - operation – impulse – reaction - Types -modern steam turbine – reheating-bleeding - regeneration -Compounding – pressure- Velocity- Pressure-velocity compounding- Compound steam engine.

Module 2(10 Hours)

Steam Condensers-Introduction - functions -Types - Jet condensers - counter flow and parallel flow type- Surface condensers -Condenser efficiency. Steam power plant Working - Condensing steam power plant - Air pumps - Edward air pump - cooling towers - Forced draft- induced draft-Gas turbines-Working-Types - constant pressure - open - closed type - work done-Jet Propulsion-Principle-working-Turbo - jet engine - Turbo - prop engine, Prop-jet engine-

SYLLABUS

Module 3(10 Hours)

Nuclear Power Engineering-Introduction-Nuclear reaction- Fission and fusion - chain reaction- Principal parts of a Reactor- Main parts of a reactor- Brief description of reaction control by Control rods- Brief description of the fuel material- Uranium- Thorium- Plutonium- moderators – Graphite, Beryllium - Beryllium oxide- light – heavy oxide- coolant – water- liquid metal- gas -organic liquids – Nuclear reactors-name different types – Working of Boiling water reactor (BWR) - Pressurized water reactor (PWR) - Fast Breeder Reactor (FBR) power plants -Working of a nuclear power plant – schematic diagram.

Text Books:

Text Book of Thermal Engg.. -R.S. Khurmi & J.K. Gupta

2. Non-Conventional Energy sources - G.D. Rai

REFERENCE BOOKS

1. Heat Power Engineering - N. Rangassamy & L. Sundara moorthy

2. Elements & Heat Engines, Vol. I, II & III - R.C. Patel and C. J Karan chandani

3. Introduction to Non conventional Energy resources - Rajaetal.

4. Power plant Engineering - Ramalingam

5. Power plant Engineering -P.K.Nag.

6. Thermal Engg - SK Kulshrestha

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LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
1.1	fuel; types, flash fire, pour point octane, cetane number	1, 3.1	L	R	31/1/23	31/1/23	—	
1.2	combustion Equation combustion volum HCV, LCV	1, 3.2	L	R	2/2/23	7/2/23	lab exam	
1.3	Bomb calorimeter types,	1, 3.3	L	R	7/2/23	9/2/23	"	
1.4	modern high pressure boiler	1, 3.4	L	R	9/2/23	14/2/23	"	
1.5	Different types	1, 3.5	L	R	14/2/23	21/2/23	Sports day	
1.6	steam turbine. types	1, 4.2	L	R	16/2/23	23/2/23	"	
1.7	modern steam turbine	1, 4.3	L	R	21/2/23	28/2/23	"	
1.8	reheater, bleeding	1, 4.4	L		23/2/23	2/3/23	"	
1.9	compounding of	1, 4.5	L		28/2/23	7/3/23	"	

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LECTURE PLAN

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1.10	Compound steam Engs	T1, 4.6	L	R	2/3/23	9/3/23		
2.1	Steam condenser function, typs	T1, 2.1	L	R	7/3/23	16/3/23	valuam camp	
2.2	counter, Parallel typ	T1, 2.2	L	R	9/3/23	16/3/23	4	
2.3	Condenser efficiency	T1, 2.3	L	R	14/3/23	23/3/23	4	
2.4	Air pumps,	T1, 2.4	L	R	16/3/23	23/3/23	4	
2.5	cooling tower	T1, 2.5	L	R	21/3/23	30/3/23	4	
2.6	Gas turbine	T1, 2.6	L	R	23/3/23	30/3/23	4	
2.7	Open, closed typ	T1, 2.7	L	R	28/3/23	13/4/23	4	
2.8	jet Propulsion	T1, 3.1	L	R	30/3/23	6/4/23	4	
2.9	Turbo jet engine	T1, 3.2	L	R	4/4/23	20/4/23	4	
2.10	Propeller	T1, 3.3	L	R	6/4/23	27/4/23	4	
3.1	Nuclear power Pro	T1, 4.1	L	R	13/4/23	27/4/23		

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LECTURE PLAN

Lecture No.	Topic	Text Reference Book No. & Section	Teaching Aid Used (BOT, Lecture, AS, Demo, Industry etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, WCS etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
[illegible]	[illegible]	[illegible]	L	[illegible]	[illegible]	[illegible]	"	[illegible]
[illegible]	[illegible]	[illegible]	L	[illegible]	20/4/22	4/5/23	"	[illegible]
[illegible]	[illegible]	[illegible]	L	[illegible]	[illegible]	4/5/23	"	[illegible]
[illegible]	[illegible]	[illegible]	L	[illegible]	[illegible]	5/5/23	"	[illegible]
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[illegible]	[illegible]	[illegible]	L	[illegible]	[illegible]	16/5/22	"	[illegible]
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Add On Course

Power Plant Engineering

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MCQ [ANSWER KEY]

1. Compounding of steam turbine is done for

reducing the work done

(b) increasing the rotor speed

(c) reducing the rotor speed

(d) balancing the turbine

ANS: c

2. The proper indication of incomplete combustion is

(a) high CO content in flue gases at exit

(b) high CO_2 content in flue gases at exit

(c) high temperature of flue gases

(d) the smoking exhaust from chimney

ANS: a

3. The overall efficiency of thermal power plant is equal to

(a) Rankine cycle efficiency

(b) Carnot cycle efficiency

(c) Regenerative cycle efficiency

(d) Boiler efficiency x turbine efficiency x generator efficiency

ANS: c

4. Rankine cycle efficiency of a good steam power plant may be in the range of

(a) 15 to 20 percent

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(6) 35 to 45 percent

(c) 70 to 80 percent

(d) 90 to 95 percent

ANS:b

5. Rankine cycle operating on low pressure limit of pi an 1 high pressure limit of p2

(a) has higher the rnal efficiency than the carnot cycie operating between same pressure limits

(b) has lower the"nal efficiency than carnot cycle operating between same pressure limit?

(c) has same thermal efficiency as carnot cycle operating between same pressure limits

(d) may be more or less depending upon the magnitude ofpi and/>2

ANS: a

6. Carnot cycle comprises of

(a) two isentropic processes and two constant volume processes

(b) two isentropic processes and two constant pressure processes

(e) two isothermal processes and three constant pressure processes

(d) none of the above

ANS: b

7. In Rankine cycle the work output from the turbine is given by

(a) change of internal energy between inlet and outlet

(b) change of enthaply between inlet and outlet

(c) change of entropy between inlet and outlet

(d) change of temperature between inlet and outlet

ANS: b

8. In a regenerative feed heating cycle, the optimum value of the fraction of steam extracted for feed heating

(a) decreases with increase in Rankine cycle efficiency

(b) increases with increase in Rankine cycle efficiency

(c) is unaffected by increase in Rankine cycle efficiency

(d) none of the above

ANS:b

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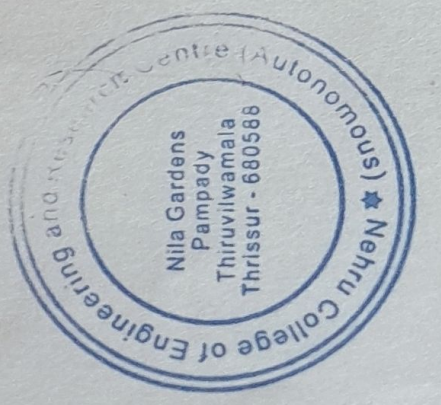

9. The maximum percentage gain in Regenerative feed heating cycle thermal efficiency

(a) increases with number of feed heaters increasing

(b) decreases with number of feed heaters increasing

(c) remains same unaffected by number of feed heaters

(d) none of the above

ANS: a

10. Reheat cycle in steam power plant is used to

(a) utilise heat of flue gases

(b) increase thermal efficiency

(c) improve condenser performance

(d) reduce loss of heat

ANS: b

11. Binary vapour cycles are used to

(a) increase the performance of the condenser

(b) increase the efficiency of the plant

(c) increase efficiency of the turbine

Ans: b

12. A steam power station requires space

(a) equal to diesel power station

(b) more than diesel power station

(c) less than diesel power station

Ans: b

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(b) [illegible]

(a) (i)

(ii) [illegible]

(iii) [illegible]

(iv) [illegible]

(v) [illegible]

Unit 5

(a) [illegible]

(i) [illegible]

(ii) [illegible]

(iii) [illegible]

(iv) [illegible]

Unit 6

15. The draught which a chimney produces is called

(a) induced draught

(b) natural draught

(c) forced draught

(d) balanced draught

Unit 9

16. The draught produced by steel chimney as compared to that produced by brick chimney for the same height is

(a) less

(b) more

(c) same

(d) may be more or less

Ans: b

17. In a boiler installation the natural draught is produced

(a) due to the fact that furnace gases being light go through the chimney giving place to cold air from outside to rush in

(b) due to the fact that pressure at the grate due to cold column is higher than the pressure at the chimney base due to hot column

(c) due to the fact that at the chimney top the pressure is more than its environmental pressure

(d) all of the above

Ans: b

18. The draught produced, for a given height of the chimney and given mean temperature of chimney gases

(a) decreases with increase in outside air temperature

(b) increases with increase in outside air temperature

(c) remains the same irrespective of outside air temperature

(d) may increase or decrease with increase in outside air temperature

Ans: a

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19. The draught produced by chimney of given height at given outside temperature

(a) decreases if the chimney gas temperature increases
(b) increases if the chimney gas temperature increases
(c) remains same irrespective of chimney gas temperature
(d) may increase or decrease

Ans: b

20. For forced draught system, the function of chimney is mainly

(a) to produce draught to accelerate the combustion of fuel
(b) to discharge gases high up in the atmosphere to avoid hazard
(c) to reduce the temperature of the hot gases discharged
(d) none of the above

Ans: b

21. Artificial draught is produced by

(a) induced fan
(b) forced fan
(c) induced and forced fan
(d) all of the above

Ans: d

22. The draught in locomotive boilers is produced by

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(a) forced fan

(b) chimney

(c) steam jet

(d) only motion of locomotive

Ans: c

23. For the same draught produced the power of induced draught fan as compared to forced draught fan is

(a) less

(b) more

(c) same

(d) not predictable

Ans: b

24. Artificial draught is produced by

(a) air fans

(b) steam jet

(c) fan or steam jet

(d) all of the above

Ans: d

25. The artificial draught normally is designed to produce

(a) less smoke

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(b) more draught

(c) less chimney gas temperature

(d) all of the above

Ans: d

26. For the induced draught the fan is located

(a) near bottom of chimney

(b) near bottom of furnace

(c) at the top of the chimney

(D) anywhere permissible

Ans: a

27. The pressure at the furnace is minimum in case of

(a) forced draught system

(b) induced draught system

(c) balanced draught system

(d) natural draught system

Ans: c

28. The efficiency of chimney is approximately

(a) 80%

(b) 40%

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(c) 20%

(d) 0.25%

Ans: d

29. The isentropic expansion of steam through nozzle for the steam initially superheated at inlet is approximated by equation

(a) pvls=C

(b) pv1126 = C

(c) pv1A = C

(d) pv = C

Ans: a

30. The ratio of exit pressure to inlet pressure for maximum mass flow rate per unit area of steam through a nozzle when steam is initially dry saturated is

(a) 0.6

(6) 0.578

(c) 0.555

(d) 0.5457

Ans: b

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Add On Course

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MCQ

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(d) balancing the turbine

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c) Regenerative cycle efficiency

d) Boiler efficiency x turbine efficiency x generator efficiency

18

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Rankine cycle efficiency of a good steam power plant may be in the range of

) 15 to 20 percent

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(c) 70 to 80 percent

(d) 90 to 95 percent

5. Rankine cycle operating on low pressure limit of pi an i high pressure limit of p2

(a) has higher the mal efficiency than the carnot cycle operating between same pressure limits

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7. In Rankine cycle the work output from the turbine is given by

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13. Economiser is used to heat

(a) air
(b) feed water
(c) flue gases
(d) all above

14. The modern steam turbines are

(a) impulse turbines
(b) reaction turbines
(c) impulse-reaction turbines
(d) none of the above

15. The draught which a chimney produces is called

(a) induced draught
(b) natural draught
(c) forced draught
(d) balanced draught

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16. The draught produced by steel chimney as compared to that produced by brick chimney for the same height is

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(a) less

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22. The draught in locomotive boilers is produced by

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(a) forced fan

(b) chimney

(c) steam jet

(d) only motion of locomotive

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(a) less

(b) more

(c) same

(d) not predictable

24. Artificial draught is produced by

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(b) steam jet

(c) fan or steam jet

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25. The artificial draught normally is designed to produce

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(b) more draught

(c) less chimney gas temperature

(d) all of the above

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(a) near bottom of chimney

(b) near bottom of furnace

(c) at the top of the chimney

(D) anywhere permissible

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(b) induced draught system

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(b) 40%

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(c) 50%

(d) 0.55%

29. The isentropic expansion of steam through nozzle for the steam initially superheated is true is approximated by equation

(a) $pv^{1/2}$

(b) $pv^{1/2}$

(c) $pv^{1/3}$

(d) $pv^{1/4}$

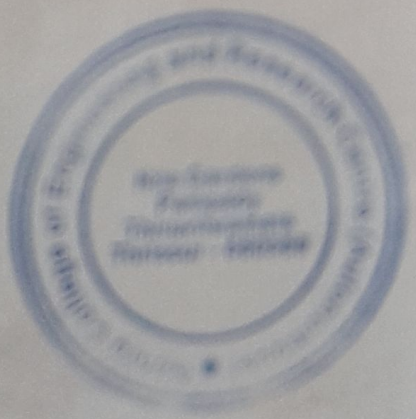
30. The ratio of exit pressure to inlet pressure for maximum mass flow rate per unit area of steam through a nozzle when steam is initially dry saturated is

(a) 0.6

(b) 0.578

(c) 0.555

(d) 0.5457



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	Reg. No.	Name
1	[illegible]	ABHINANDI
2	02	AMBILI B
3	03	PRANUSH K
4	04	DIVYA K
5	05	HARIKRISH
6	06	JINEESH JA
7	07	KALIDASA
8	08	KIRAN S
9	09	MUFEEDHA
10	10	NAVYA P
11	11	PADMADA
12	12	SREEJITH
13	13	SREELAKSH
14	14	VIVEK A
15	[illegible]	AJITH P
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STUDENTS PERFORMANCE REPORT - THEORY

Total Periods Engaged : (30)

	No. of Hrs. Absent	No. of Hrs. Present	DL	Attendance %	Assignment Marks: Assignment No. 1 (Out of ___)	Assignment Marks: Assignment No. 2 (Out of ___)	Internal Exam Marks: I^st Int. Exam Marks (Out of ___)	Internal Exam Marks: IInd Int. Exam Marks (Out of ___)	Internal Exam Marks: Retest Exam Marks (Out of ___)	Internal Assessment Marks: Int. Exams Marks (Out of ___)	Internal Assessment Marks: Assignment Marks (Out of ___)	Internal Assessment Marks: Attendance Marks (Out of ___)	Internal Assessment Marks: Internal Marks (Out of 30)
1	7	23		77									28
2	2	28		94									28
3	7	23		77									28
4	7	23		77									26
5	4	26		87									27
6	7	23		77									25
7	7	23		77									26
8	7	23		77									25
9	2	28		94									29
10	2	28		94									28
11	5	25		84									27
12	4	26		87									27
13	2	28		94									29
14	7	23		77									24
15	4	26		87									28
16	7	23		77									28
17													
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Thiruvilwamala
Thrissur - 680588

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AMBILI B S

on successful completion of Addon course

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organised by Electrical and Electronics Engineering Department, Nehru College of Engineering and Research Centre,Pampady.

from 31/01/23 to 20/05/23

Course coordinator

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HoD

EEE Department

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Course coordinator

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HoD

EEE Department

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NGERC

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SREELAKSHMI · P

on successful completion of Addon course

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from 31/01/23 to 20/05/23

Course coordinator

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HoD

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NCERC

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AJITH. P

on successful completion of Addon course

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from 31/01/23 to 20/05/23

Course coordinator

HoD
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1.2.1

DEPARTMENT OF MECHANICAL ENGINEERING, NCERC, PAMPADY

DEPARTMENT ADVISORY COMMITTEE MEETING MINUTES (ODD)

Venue: Mechanical HoD Room

Date: 29/08/2022

Time: 10am

Agenda:

- Introduction of certificate courses for the Academic Year 2022-23
- Any other matter

Members Present

- Dr.Girish Chandran V, HoD
- Mr. Sabarish C S, Assistant Professor
- Mr.Saneesh A S, Assistant Professor
- Ms.Aswathy V G, Assistant Professor

Minutes of the meeting:

- HoD welcomed the members of Department advisory committee to the meeting.
- It was decided to conduct four certificate courses of 30 hour duration with an end course exam for all interested UG students in ME Dept.
- The course names and faculties handling the courses are decided to be:
  1. **Thermal Energy Equipments-** Mr. Sabarish C S
  2. **Product Design-** Dr.Girish Chandran V
  3. **Nanocomposites–** Ms.Aswathy V G
  4. **Introduction To Composite Materials–** Mr.Saneesh A S
- HoD instructed the faculties to fix the dates of commencement and get the permission from principal.
- Meeting came to an end at 10.30am.

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From,

Ms. Aswathy V G

Assistant Professor

Department Of Mechanical Engineering

Nehru College of Engineering and Research Centre

Pampady, Thrissur

To,

The Principal

Nehru College of Engineering and Research Centre

Pampady, Thrissur

Respected Madam,

Sub: **Permission to conduct ADD ON Course**

The Department of Mechanical Engineering is planning **to conduct 30 hour certification course "Nanocomposites"** scheduled during the months 12th September to 3rd December of this academic year 2022-2023 for S3 B.Tech Mechanical Engineering students.

I humbly request you to kindly grant the permission for the same.

Thanking You

Place: Pampady

Date: 11/09/2022

Sincerely

Aswathy V G

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DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering is planning to conduct a 30 hour certification course scheduled during the months March to June of this academic year 2022-2023 . The course is intended to be beneficial for students in their academics as well as professional life and therefore is offered to S3 **B.Tech** Mechanical Engineering students. All students are hereby directed to enroll in the course mandatorily.

COURSE NAME: " NANOCOMPOSITES"

PROGRAM CO-ORDINATOR:Ms. ASWATHY V G
Assistant Professor &
Mechanical Department

DATE OF COMMENCEMENT: 12 SEPTEMBER 2022

DURATION: 30 Hours

NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE
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THIRUVILWAMALA
THRISSUR DT.

permitted

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DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering is planning to conduct a 30 hour certificate course scheduled during the months; September to December of this academic year 2022-2023. The course is intended to be beneficial for students in their academics as well as professional life and therefore is offered to all **S3 B.Tech Mechanical Engineering students**. All students are hereby directed to enroll in the course mandatorily.

COURSE NAME : **NANOCOMPOSITE**

PROGRAM CO-ORDINATOR : Ms. ASWATHY V G

Assistant Professor- Department of Mechanical Engg

DATE OF COMMENCEMENT : 12th SEPTEMBER, 2022

COURSE DURATION : 30 Hours

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DEPARTMENT OF MECHANICAL ENGINEERING

ENROLMENT LIST OF CERTIFICATE COURSE (2022-2023)(ODD)

COURSE NAME: NANOCOMPOSITE

No	Reg No	Name	Semester	Year
1	NCE21ME002	ABHIJITH R	I	I
2	NCE21ME003	AJITH K	I	I
3	NCE21ME004	ASWIN P	I	I
4	NCE21ME005	HARIKRISHNAN K MENON	I	I
5	NCE21ME007	K ABHIJITH	I	I
6	NCE21ME008	KRISHNAJITH U	I	I
7	NCE21ME011	SIDHARTH P	I	I
8	NCE21ME012	SINGITH SAJI	I	I
9	NCE21ME013	SURAJ R	I	I

Head of the Department

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DEPARTMENT OF MECHANICAL ENGINEERING

MARK LIST OF CERTIFICATE COURSE (2022-2023)

COURSE NAME: NANOCOMPOSITE

No	Reg No	Name	Semester	Year	Marks (50)
1	NCE21ME002	ABHIJITH R	III	II	36
2	NCE21ME003	AJITH K	III	II	42
3	NCE21ME004	ASWIN P	III	II	38
4	NCE21ME005	HARIKRISHNAN K MENON	III	II	36
5	NCE21ME007	K ABHIJITH	III	II	46
6	NCE21ME008	KRISHNAJITH U	III	II	40
7	NCE21ME011	SIDHARTH P	III	II	38
8	NCE21ME012	SINGITH SAJI	III	II	30
9	NCE21ME013	SURAJ R	III	II	42

Course Coordinator

Head of the Department

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COURSE FILE

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2022..... 20.23.....

Course Code : ADD ON COURSE

Course Name : NANO COMPOSITES

Semester & Branch : S3, ME

Academic Year : 2021-2025

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DEPARTMENT OF :

Name of the Faculty : ASWATHY V.G

Branch / Course : M.E/B.TECH

Year & Semester : II / S3

Subject Code : Add on

Name of the Subject : NANO COMPOSITE

Objective of the Course :- To provide knowledge of advantage of using different types of nanocomposites

- To understand, design, develop nanocomposites for specialized applications

- To understand manufacturing & testing methods of composites

RECORD CHECKING

Month	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Initial of HOD				07/10/22	31/10/22	6/12/22	3/1/23					
Initial of Principal				07/10/22	31/10/22	6/12/22						

Final Verification By

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Principal

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NANOCOMPOSITES

Course Objectives

- To provide knowledge of the advantages of using different types of nanocomposites
- To make the students familiar with the mechanism of nanocomposites
- To make them aware the manufacturing and testing methods of nanocomposites

Learning Outcomes

- Students will understand and appreciate the significance of the nanocomposites as an important class of materials
- Students will be well equipped to design and develop nanocomposites for specialized applications
- They will be able to predict the appropriate synthesis and application for different classes of nanocomposites.

Course Syllabus

Module I

Introduction to Nanocomposite Materials

Definition of nanocomposites, Classification based on matrix and topology, Constituent of nanocomposites, General characteristics of particle reinforced composites- classification, Terminology used in fiber reinforced composites, Core-Shell nanocomposites

Module II

Basic Constituents materials in Nanocomposites

Role and Selection of reinforcement materials, Glass fibers, Carbon fibers, Boron Fibers, Natural fibers, Multiphase fibers, Aramid fibers

Module III

Nanocomposite Processing Methods

Nanocomposite processing: In-situ polymerization technique, Solution casting, Electro spinning, melt mixing, Filament Winding, Injection and compression molding, Vacuum bag moulding Method- Pultrusion Process

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SYLLABUS

Module IV

Mechanical Properties -Stiffness and Strength

Geometrical aspects – volume and weight fraction, Unidirectional continuous fiber, Determination of stiffness and strengths of unidirectional composites, tension, compression, flexure and shear

Module V

Application of Nanocomposites Application of Nanocomposites in Aerospace, Coating, Mechanical, Electrical & Electronics, Fuel cell

Text Books:

- Composite Polymeric Materials – Sheldon
- Lubin - Handbook of composites – (Van Nostrand, 1982)
- Carbon Nanotube and Graphene Device Physics, by H.-S. Philip Wong (Author), Deji Akinwande (Author)
- K. Chawla, Composite Materials – Science & Engg., Springer- Veslag, New York, 1988
- Mohr - SPIE Handbook of Technology and Engineering of Reinforced Plastics/Composites – (Van Nostrand, 1998)

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MODULE I (6 hrs.)

LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
1	Definition of nanocomposites	T4	Lect.	Reading	17/9/22	17/9/22		
2.	Classification	T4	Lect.	Quiz	17/9/22	17/9/22		
3	Constituent of nanocomposites	T4	ICET	Quiz	24/9/22	24/9/22		
4	Particle reinforced Composites	T4	ICET	Quiz	24/9/22	24/9/22		
5	Terminology	T4	ICET	Quiz	26/9/22	1/10/22		
6	Core-shell nanocomposites	T4	Lect.	Quiz	26/9/22	1/10/22		

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Module II (6hrs) LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
7	Role of reinforcement of material	T4	ICET	MCQ	1/10/22	18/10/22		
8	Selection of reinforcement of material	T4	ICET	MCQ	1/10/22	25/10/22		
9	Glass fibers	T4	ICET	MCQ	1/10/22	29/10/22		
10	carbon fibers	T4	ICET	MCQ	15/10/22	5/11/22		
11	Boron fibers, natural fibers	T4	ICET	MCQ	15/10/22	8/11/22		
12	Aramid & multiphase fibers	T4	ICET	MCQ	18/10/22	15/11/22		

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MODULE III (6 hrs)

LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
13	In-Situ Polymerization technique	T4	ICET	MCQ	18/10/22	22/11/22		
14	Solution casting	T4	ICET	MCQ	22/10/22	26/11/22		
15	Electro Spinning	T4	ICET	MCQ	22/10/22	29/11/22		
16	Melt mixing, Filament winding	T4	ICET	MCQ	22/10/22	3/12/22		
17	Injection And compression moulding	T4	ICET	MCQ	29/10/22	3/12/22		
18	Pultrusion process	T4	ICET	MCQ	29/10/22	6/12/22		

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Module IV (6 hrs.)

LECTURE PLAN

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
19	Volume & Weight fraction	T4	ICET	MCQ	29/10/22	5/12/22		
20	Unidirectional continuous fibers	T4	ICET	MCQ	29/10/22	7/12/22		
21	Stiffness & strength	T4	ICET	MCQ	5/11/22	7/12/22		
22	tension, compression	T4	ICET	MCQ	5/11/22	20/12/22		
23	Flexure	T4	ICET	MCQ	19/11/22	20/12/22		
24	Shear	T4	ICET	MCQ	19/11/22	21/12/22		

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LECTURE PLAN

Module V (6hrs)

Lecture No.	Topics	Text/ Reference Book No. & Section	Teaching Aid Used (ICET, Lecture, GD, Demo, Debate etc.)	Assessment Method used (Assignment, problems, Reading, Quiz, MCQ etc.)	Scheduled on	Delivered on	Reason for Deviation	Signature
25	Applications in Aerospace	T4	ICET	MCQ	26/11/22	2/12/22		
26	Applications in coating	T4	ICET	MCQ	26/12/22	3/1/23		
27	Applications in Mechanical	T4	ICET	MCQ	3/12/22	3/1/23		
28	Applications in Electrical	T4	ICET	MCQ	3/12/22	4/1/23		
29	Applications in Electronics	T4	ICET	MCQ	17/12/22	4/1/23		
30	Applications in Fuelcell	T4	ICET	MCQ	17/12/22	5/1/23		

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	Reg. No.	Name	Students Profile		
			CGPA	Arrears	Host./ Pvt.Host./DS
1	NCE21ME002	ABHIJITH R	2.32	3	DS
2	NCE21ME003	AJITH K	7.21	0	DS
3	NCE21ME004	ASWIN P	1.94	3	DS
4	NCE21ME005	HARIKRISHNAN MENON	2.41	3	DS
5	NCE21ME007	K ABHIJITH	9.53	0	DS
6	NCE21ME008	KRISHNAJITH U	5.91	0	DS
7	NCE21ME010	SANDRA V M	8.03	0	DS
8	NCE21ME011	SIDHARTH P	2.32	3	DS
9	NCE21ME012	SINGITH SAJ	2.29	3	Hostel
10	NCE21ME013	SUBAI R	6.59	0	DS
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No. of Absentees					
Initial of the Faculty					

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Thiruvilwamala
Thrissur - 680588

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RT - THEORY

Marks	Internal Assessment Ma				
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	Reg. No.	Name
1	NCE21MCA02	ABHIJITH R
2	NCE21MCA03	AJITH K
3	NCE21MCA04	ASWIN P
4	NCE21MCA05	HARIKRISHNAN M
5	NCE21MCA07	KABILESH
6	NCE21MCA08	KRISHNADAS U
7	NCE21MCA10	SANDRA K N
8	NCE21MCA11	SIDHARTH P
9	NCE21MCA12	SINGITH SAJ
10	NCE21MCA13	SURAJ R
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No. of Absentees		

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1	NCE19ME01	Abhijit J			
2	ME02	Abinav T J			
3	03	Ajay S			
4	04	Amal Surya N.S			
5	05	Anandan nair P			
6	06	Anaz Ali			
7	07	Anil krishna			
8	08	Arjun K.R			
9	09	Arun mv			
10	10	Ashik K S			
11	11	Ashiq Anwar Elamkulath			
12		Aswin krishnan P.R			
13	13	Gopakumar E.R			
14	14	Haritha H			
15	15	Jishnu G			
16	16	Muhammed Fariz K			
17	17	Mahammed Swalih T			
18	18	Rohit J			
19	19	Sarath cm			
20	20	Shine Sundar			
21	21	Sreyas K. murali			
22	22	Vaisakh m.			
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No. of Absentees					
Initial of the Faculty					

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3	a	/	a	/	/	a	/	/	a	p	/	/	/
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13	p	a	a	/	a	/	/	/	/	/	/	a	/
14	p	/	p	p	/	/	a	a	/	a	/	a	/
15	p	/	a	/	/	/	/	/	a	/	a	/	/
16	p	/	a	/	/	/	/	/	a	/	/	/	/
17													
18	a	/	/	/	/	a	/	a	a	/	p	/	/
19	a	/	a	/	/	a	/	/	p	/	p	a	/
20	p	/	/	a	a	a	/	a	p	/	p	/	/
21	p	/	a	a	/	/	/	/	/	/	/	p	/
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Nila Gardens
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	Reg. No.	
1	NCE20ME001	Adityan [illegible]
2	002	Akash [illegible]
3	003	Anand H
4	004	Arjun P.V
5	005	Divi K.G
6	006	P.S Arjun
7	007	Sruthin C
8	008	S. Saikiran
9	009	Vishnu [illegible]
10	010	Yadhu krishna
11	011	Yaswanth K
12	012	Younus AY
13	NCE20ME013	Arith Kanna
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No. of Absentees		
Initial of the Faculty		

	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo.	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun
Dt.	31	3	10	17	19	20	24	29	29	1	2	2	5
Hr.	4	5	2	2	1	4	2	2	3	6	3	4	2
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Mo.	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun	Jun
Dt.	12	12	15	16	26	21	3	3	1	7	10
Hr.	2	4	3	4	2	2	2	4	2	4	6
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2	/	/	/	/	/	/	/	/	/	/	/
3	/	/	a	a	/	/	a	a	/	/	/
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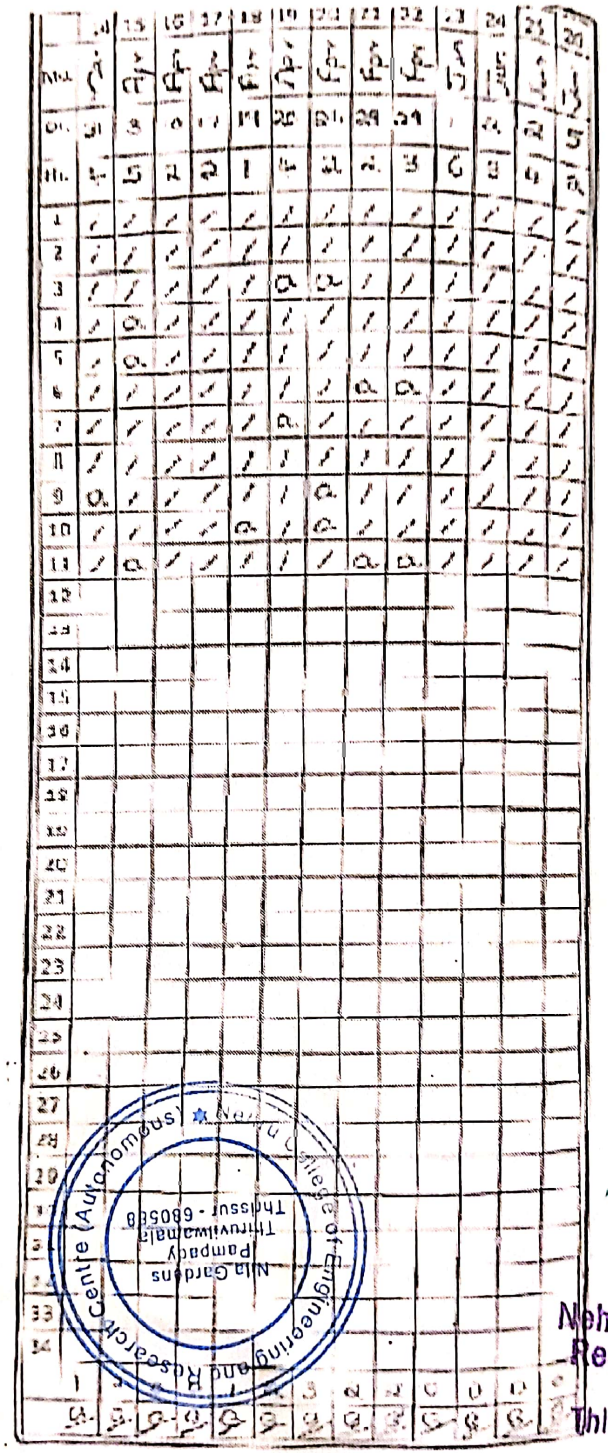
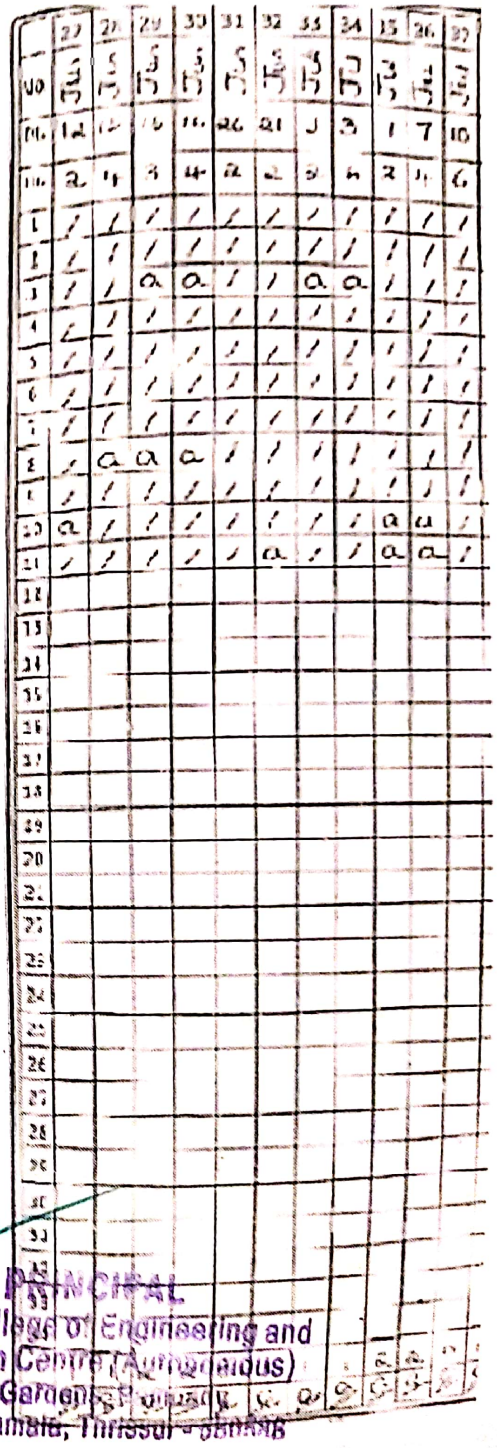
13





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Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

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	Reg. No.	Name	Students Profile CGPA	Arrears	Hold/ Pvt Hold/
1	NCE20ME001	Aditjan M.A			
2	002	Akash Menon P			
3	003	Anand U			
4	004	Arjun P.V			
5	005	Divi K.G			
6	006	D.S Arjun Narayan			
7	007	Sruthin C			
8	008	S. Sakiran			
9	009	Vishnu Mohan K			
10	010	Yadhu Krishnan K.U			
11	011	Yaswanth K			
12	012	Younus AY			
13	NCE20ME013	Adith Kanna K.			
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No. of Absentees					
Initial of the Faculty					

Date	1 Feb	2 Feb	3 Feb	4 Feb	5 Feb	6 Feb	7 Mar	8 Mar	9 Apr	10 Apr	11 Apr	12 Apr	13 Jun
Dt.	6	7	15	20	21	22	1	13	6	13	20	24	8
Hr.	4	5	3	4	5	4	3	4	6	6	6	4	6
1		/	/	/	a	/	a	a	/	/	/	/	.
2		/	/	/	/	/	/	a	/	/	/	/	.
3		/	/	a	a	/	a	a	/	/	/	/	.
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5		a	/	a	a	.	a	a	/	/	/	/	.
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12		/	NCC	a	a	a	a	a	/	/	/	/	.
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No. of Absentees							6	2	9	3	0	0	2
Initial of the Faculty													

Nehru College of Engineering and Research Centre (Autonomous) ★ Nila Gardens Pampady Thiruvilwamala Thrissur - 680588

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Pampady, Thrissur - 680588

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	Reg. No.	Name	Students Profile		
			CGPA	Arrears	Host./ Pvt.Host./DS
1	NCE22ME001	Abhijith. S			
2	002	Abilash Sharma			
3	003	Ajmal. P			
4	004	Akhil. K.S			
5	005	Athul Krishna			
6	006	Avinkumar. P.S			
7	007	Krishnanunni			
8	008	Neeraj. K			
9	009	Prajith. K. Nair			
10	010	Shivpal. S			
11	011	Sreeraj. E. H			
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No. of Absentees					
Initial of the Faculty					

	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo.	MAY	MAY	MAY	MAY	MAY	JUN	JUN	JUN	JUN	JUN	JUN	JUN	JUN
Dt.	13	14	16	17	17	20	23	24	24	25	27	30	31
Hr.	2	3	4	3	4	2	4	3	4	1	2	4	3
1	/	/	/	/	/	a	a	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	a	/	/	/
3	/	/	/	/	/	/	/	/	a	/	/	/	/
4	/	/	/	/	/	/	/	/	/	/	/	/	/
5	/	/	/	a	a	/	/	a	a	/	a	/	/
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No. of Absentees	1	1	1	1	2	1	1	2	3	0	1		
Initial of the Faculty													

Nehru College of Engineering and Research Centre (Autonomous) * Nehru Gardens Pampady Thiruvilwamala Thrissur - 680588

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Nehru College of Engineering and Research Centre (Autonomous)
Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

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	Reg. No.	Name
1	NCE22ME001	Abhijith. S
2	002	Abilash Sharm
3	003	Ajmal. P
4	004	Akhil. K.S
5	005	Athul Krishna
6	006	Avinkumar. P.
7	007	Krishnanunni
8	008	Neeraj. K
9	009	Prajith. K. Nai
10	010	Shivpal. S
11	011	Sreeraj. E. H.
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	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo.	Mar	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Apr	Jun	Jun	Jun	Jun
Dt.	31	3	10	17	19	20	24	29	29	1	2	2	5
Hr.	4	5	2	2	1	4	2	2	3	6	3	4	2
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7	/	/	/	/	/	a	/	/	/	/	/	/	/
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9	a	/	/	/	/	/	a	/	/	/	/	/	/
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Dt.	12	15	16	16	26	27	3	3	7	7	10	11	13
Hr.	2	4	3	4	2	2	2	6	3	4	6	2	4
1	/	/	/	/	/	/	/	/	/	/	/	/	/
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June- Att

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Thiruvilwamala, Thrissur-680588

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Name :
Register No :

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE COURSE 2022-23 ODD SEMESTER-EXAM
COUSRE NAME: NANOCOMPOSITE

Time : 1 Hr

Max Marks : 50

Answer all Questions
(Each carries 2 Marks)

1. For high sensitivity or selectivity environmental sensors to sense the gaseous chemical like _____
   a) CO_2
   b) NO_3
   c) O_2
   d) NO
2. The synthesized magnetic nano particles from _____ have been found to self-arrange automatically.
   a) Zinc
   b) Copper
   c) Iron
   d) Zirconium
3. . The nano particles from iron and palladium are used to produce _____
   a) Magnets
   b) Magnetic lens
   c) Magneto meters
   d) Magnetic storage devices
4. _____ is the field in which the nano particles are used with silica coated iron oxide iron oxide.
   a) Magnetic applications
   b) Electronics
   c) Medical diagnosis
   d) Structural and mechanical materials
5. . DNA detection through the _____ by using the oligonucleotide functionalised gold nano crystals is developed.
   a) Colorimetric
   b) Diathermy
   c) Electro therapy
   d) Treatment tables
6. Coating the nano crystals with the ceramics is carried that leads to _____
   a) Corrosion
   b) Corrosion resistant
   c) Wear and tear

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Name :
Register No :

d) Soft

7. . The _____ to the ceramics are superior coatings.
   a) Nano particles
   b) Nano powder
   c) Nano crystals coating
   d) Nano gel
8. 10. _____ of ceramic components are easier through nano structuring.
   a) Lubrication
   b) Coating
   c) Fabrication
   d) Wear
9. By nano scale distribution of the _____ in matrix improves the life and performance.
   a) Carbide
   b) Tungsten
   c) Hydrides
   d) Nitrites
10. Industrial catalysts should have _____ surface area.
   a) High
   b) Low
   c) Moderate
   d) No
11. The extensively used nano particles as catalyst is_____
   a) Silver
   b) Copper
   c) Gold
   d) Cerium
12. . Due to _____ tensile strength some of the nano materials are used in air crafts.
   a) High
   b) Low
   c) Moderate
   d) No
13. Fabrics are extensively made out of nano materials like _____
   a) Carbon nano tubes
   b) **Fullerenes**
   c) Mega tubes
   d) Polymers
14. Which one of the following materials cannot be seen by simple microscope?
   a) Nanomaterials
   b)Bulk materials
   c)Both a and b
   d) None of the above
15. Carbon nano tubes are the sheets of graphite about _____
   a) 0.1nm
   b) 0.2nm
   c) 0.3nm
   d) 0.4nm

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Thiruvilwamala, Thrissur - 68

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Name :
Register No :

16. Carbon nano tubes are also called as _____
a) Bucky tubes
b) Bulky tubes
c) Bulk tubes
d) Buck balls

17. Carbon nano tubes are first observed in _____
a) 1992
b) 1991
c) 1990
d) 1993

18. The current used in the arc discharge method is about _____
a) 100mA
b) 200mA
c) 300mA
d) 400mA

19. A water cooled surface is used in the process to collect _____
a) Nano particles
b) Nano tubes
c) Nano spheres
d) Nano sheets

20. Plasma torch method is similar to the _____
a) Laser ablation
b) Arc discharge
c) Chemical vapour decomposition
d) Electrolysis

21. The substrate is heated to _____
a) 200C
b) 300C
c) 400C
d) 700C

22. Boron bucky ball is more _____ than the buck minister fullerene.
a) Stable
b) Unstable
c) Complex
d) Simple

23.The boron bucky ball has _____ metal atoms.
a) 1
b) 2
c) 3
d) 4

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Name :
Register No :

24.The common method to produce fullerenes is to send _____ between nearby two graphite electrodes in an inert atmosphere.
a) Large current
b) Small current
c) Large potential
d) Small potential

25. When a method is used as an inclusion compound it is _____
a) Metallo fullerene
b) Non metallic fullerene
c) Buckminister fullerene
d) Boron bucky balls

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE COURSE 2022-23 ODD SEMESTER-EXAM

COUSRE NAME: NANOCOMPOSITE

Time : 1 Hr Max Marks : 50

ANSWER KEY

1. (Ans:d)
2. (Ans:c)
3. (Ans:d)
4. (Ans:c)
5. (Ans:a)
6. (Ans:b)
7. (Ans:c)
8. (Ans:c)
9. (Ans:b)
10. (Ans:a)
11. (Ans:c)
12. (Ans:a)
13. (Ans:b)
14. (Ans:a)
15. (Ans:d)
16. (Ans:c)
17. (Ans:b)
18. (Ans:a)
19. (Ans:b)
20. (Ans:b)
21. (Ans:d)
22. (Ans:a)
23. (Ans:c)
24.(Ans:d)
25. (Ans:a)

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Certificate

K ABHIJITH

had successfully completed course Nanocomposites during 2022-2023 conducted by department of Mechanical Engineering at Nehru College of Engineering and Research centre Pampady,Thrissur.

PROGRAM CO-ORDINATOR

HEAD OF DEPARTMENT

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FROM

MR.MIDHUN RAJ P K

ASSISTANT PROFESSOR

MTR DEPARTMENT, NCERC PAMPADY

TO

HEAD OF THE DEPARTMENT

MTR DEPARTMENT

NCERC PAMPADY

SUBJECT: Requisition for conducting Certification Course on "ARDUINO based Embedded System Design" Reg.

Respected Mam,

As the Assistant Professor of Mechatronics Engineering, I would like to request your support and permission to conduct a certification course on "ARDUINO based Embedded System Design" from 10-02-2022. It will be a 30 hour course scheduled for February to May of this academic year 2022-2023. It is therefore important for students to have a deep understanding of upcoming methodologies to enhance knowledge dissemination to students for doing projects.

All UG Engineering students of MTR Department are eligible for this course.

Sincerely

PLACE:

DATE:

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ADMISSION TO CERTIFICATION COURSE (2022-2023)

Applications are invited for admission for the Certification Course 'ARDUINO based Embedded System Design' offered by the Department of Mechatronics Engineering, Nehru college of Engineering and Research Centre, Pampady, Thrissur.

Eligibility criteria

All UG engineering students of MTR Department are eligible

Timing:

1 hour per day from 4.00pm to 5.00pm for 30 hours of the course. Saturday and Sunday may be used at the discretion of the department.

Attendance

A minimum of 75% attendance is required for writing the examination.

Important Dates

Commencement of classes: 10-02-2022

Examination Date: 03-05-2022

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DEPARTMENT OF MECHATRONICS ENGINEERING

The Department of Mechatronics Engineering is planning to conduct a 30 hour certificate course scheduled during the months; February to may of this academic year 2022-2023. The course is intended to be beneficial for students in their academics as well as professional life and therefore is offered to all **S6 B.Tech Mechantronics Engineering students**. All students are hereby directed to enroll in the course mandatorily.

COURSE NAME : ARDUINO based Embedded System Design

PROGRAM CO-ORDINATOR : Mr.MIDHUN RAJ P K
Assistant Professor ,Department of Mechatronics Engg

DATE OF COMMENCEMENT : 10th FEBRUARY , 2022

COURSE DURATION : 30 Hours

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ARDUINO MICROCONTROLLER

QUESTION PAPER

1. What is Arduino?
   a) Programming language
   b) Image editing software
   c) Open-source electronics platform
   d) Text editor
2. How many types of Arduino do we have?
   a) 4
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6. How many analog pins are used in Arduino Mega board?.
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   d) 14
7. Arduino IDE consists of 2 functions. What are they?
   a) Loop() and build() and setup()

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b) Build() and loop()
c) Setup() and build()
d) Setup() and loop()

8. Arduino Codes are referred to as _____ in the Arduino IDE.
   a) sketches
   b) drawings
   c) links
   d) notes
9. What is the default bootloader of the Arduino UNO?
   a) AIR-boot
   b) GAG
   c) Optibootbootloader
   d) Bare box
10. What does p refer to in ATmega328p?
    a) Programmable on chip
    b) Power-Pico
    c) Production
    d) Pico-Power
11. What is the use of the Arduino.h header file?
    a) It enables the programmer to access all of Arduino's core functionality
    b) It doesn't have any use and can be omitted at any point of time in the code
    c) It gives root access to the microcontroller's file system
    d) It allows other people to create libraries for the Arduino code
12. What is the use of the Vin pin present on some Arduino Boards?
    a) To ground the Arduino Board
    b) To power the Arduino Board
    c) To provide a 5V output
    d) Is used for plugging in 3V supply
13. What is the correct execution process of an Arduino code?
    a) Editor->Preprocessor->Compiler
    b) Preprocessor->Editor->Compiler
    c) Compiler->Preprocessor->Editor
    d) Editor->Compiler->Preprocessor
14. What is the microcontroller used in Arduino UNO?
    a) ATmega32114
    b) AT91SAM3x8E

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c) ATmega2560
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c) Arduino Mega and Mega ADK
d) Arduino Uno and Robot

22. What is the operating voltage of Atmega328?
    a) 1.9V to 5V
    b) 1.8V to 5.5V
    c) 1.1V to 5V
    d) 12V to 9V
23. Which Arduino Boards use the Atmega32U4?
    a) Arduino Uno
    b) None Mega
    c) Arduino Micro
    d) Arduino Leonardo
24. Is the Arduino code an Object-Oriented programming language or a Procedural programming language?
    a) The Arduino Code follows the Top-Down Procedural ideology
    b) The Arduino Code follows a custom Procedural Ideology
    c) The Arduino Code follows the Object-Oriented ideology
    d) The Arduino Code follows the Bottom-Up Procedural ideology
25. What is the difference between an IDE and a compiler?
    a) The compiler executes the code while the IDE gives a graphical environment for writing the code
    b) The compiler links the code to the respective files and the IDE takes it from there
    c) The compiler and the IDE are the same thing
    d) The IDE executes the code while the compiler gives a graphical environment for writing the code
26. What will be the output of the following Arduino code?

```
#define X 10;
void setup(){
 X=0;
Serial.begin(9600);
Serial.print(X);
}
void loop(){
//Do nothing…
}
```

    a) 0xAB
    b) 0xa
    c) 0
    d) Error

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ARDUINO MICROCONTROLLER

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ARDUINO MICROCONTROLLER

ANSWER KEY

1. C
2. B
3. D
4. C
5. A
6. B
7. D
8. A
9. C
10. D
11. A
12. B
13. A
14. D
15. B
16. C
17. D
18. A
19. D
20. B
21. C
22. B
23. D
24. C
25. A
26. D
27. C
28. D
29. C
30. A

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NCERC/3125/AC/ 09 /22

CIRCULAR

Subject:NCERC-Conduct of DAC&PAC meeting by all departments for the ODD semester of academic year 2022-23 Reg...

It is communicated to all department heads prior to the start of the upcoming odd semester for APJKTU,which will begin in August.As a result,the Hods are requested to convene a meeting of the Department Advisory Committee (DAC) and the program Assessment Committee(PAC) before 22nd JULY,2022 in order to continuously evaluate and enhance the program's outcomes in all domains of programme academic,non-academic and accreditation process.

Principal

Copy to:

All Heads of the Departments, Faculty members, NBA coordinators, office superintend, Welfare officer, Work shop superintend , HR ,Academic Superintend , Chairman and Managing Trustee.

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NCERC/3125/S/AC/09/22

CIRCULAR

Subject:NCERC-Conduct of DAC&PAC meeting by all departments for the even semester of academic year 2022-23 Reg...

It is communicated to all department heads prior to the start of the upcoming even semester for APJKTU,which will begin in January.As a result,the Hods are requested to convene a meeting of the Department Advisory Committee (DAC) and the program Assessment Committee(PAC) before 20th Dec,2022 in order to continuously evaluate and enhance the program's outcomes in all domains of programme ,academic,non-academic and accreditation process.

Principal

Copy to:

All Heads of the Departments, Faculty members, NBA coordinators, office superintend, Welfare officer, Work shop superintend , HR ,Academic Superintend , Chairman and Managing Trustee.

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8	NBA Coordinator	Mr.Niveth L	

Dr.Ambikadevi Amma T,Chairman of DAC starts the session with a silent prayer in honour of our beloved Founder chairman,Late Sri.P.K.Das.The following points were discussed:

POINTS DISCUSSED

1.DAC recommend allfaculties tojoin in professional societies like IEEE,ISTE,IAENG Etc...

2.The committee reviewed the quality of design projects by S5 students and phase I projects of final years.

3.The committee went over the process of identifying slow learners and the remedial classes that were offered.

ACTION TAKEN

1.The remedial class registers were reviewed by DAC,and the slow learners class mentors were instructed to undertake slow learners counselling sessions in order to improve the results.

2.The committee made necessary modifications and recommended all class advisors to prepare individual attainments for each batch.

3.DAC recommend the department to create opportunities to students as well as faculties to join in professional societies like IEEE,ISTE,IAENG Etc...

4.The committee introduced a ADD-ON course"ARDUINO based Embedded System Design".

Secretary

Chairman

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.....ABHISHEK A.....had successfully completed the Certified course "ARDUINO BASED EMBEDDED SYSTEM DESIGN " during 2022-23 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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PROGRAM CO-ORDINATOR

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.....AKSHAY.K.....had successfully completed the Certified course "ARDUINO BASED EMBEDDED SYSTEM DESIGN " during 2022-23 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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.....ALOK K.T.....had successfully completed the Certified course " ARDUINO BASED EMBEDDED SYSTEM DESIGN " during 2022-23 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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AMALDEV P M .....had successfully completed the Certified course "**ARDUINO BASED EMBEDDED SYSTEM DESIGN**" during 2022-23 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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HEAD OF DEPARTMENT

MARK SHEET

Sl.No	Admn.No	Name	MARKS(30)
1	NCE20MC001	ABHISHEK A	28
2	NCE20MC002	AJITH SHAIJAN	29
3	NCE20MC003	AKSHAY K	28
4	NCE20MC004	ALOK K T	29
5	NCE20MC005	AMALDEV P M	30
6	NCE20MC006	ATHUL KRISHNA P	25
7	NCE20MC007	BASIL GEORGE	23
8	NCE20MC008	BOAZ K MICHAEL	27
9	NCE20MC009	DEEPAK K K	26
11	NCE20MC010	GOWTHAM S NAIR	24
12	NCE20MC011	HARSH T KRISHNA	28
13	NCE20MC012	JOYAL SANTHOSH	26
14	NCE20MC013	KAILASNATH N P	25
15	NCE20MC014	K S ARJUN	24
16	NCE20MC015	MAJID BIN SULAIMAN	22
17	NCE20MC016	MELVIN N J	29
18	NCE20MC017	MOHAMMED SIBILIN	27
19	NCE20MC018	MOHAMED YASIN	30
20	NCE20MC019	M P ASHWIN	30
21	NCE20MC020	MUHAMMED DILSHAD P K	29
22	NCE20MC021	MUHSIN KASSIM	28
24	NCE20MC022	RAHUL KRISHNA U K SATHISH	25
25	NCE20MC024	SIDHARTH PRAKASH	26
26	NCE20MC025	SINTO SIMSON	27
27	NCE20MC026	SREERAG T S	26
28	NCE20MC027	SRIDHUL SATHEESH	28
29	NCE20MC028	SYED MEERAN SYED KAZMI	29
30	NCE20MC029	TINTO TOMY	29

Abhishek. A
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ARDUINO MICROCONTROLLER

QUESTION PAPER

28/30.

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Ajith Shayan

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ARDUINO MICROCONTROLLER

29/30

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ARDUINO MICROCONTROLLER

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ARDUINO MICROCONTROLLER

28/30

QUESTION PAPER

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	Reg. No.	Name	Students Profile		
			CGPA	Arrears	Host./ Pvt.Host./DS
1	NCE20MC001	Abhishek. A			
2	2	Ajith Shajan			
3	3	Akshay. K			
4	4	Alok. K. T			
5	5	Amaldev. P.M			
6	6	Athul Krishna. P			
7	7	Basil George.			
8	8	Boaz. K. Michael			
9	9	Deepak. K. K			
10	10	Goutham. S. Nair			
11	11	Harsh. T. Krishna			
12	12	Jayal Santhosh			
13	13	Kailasnath. N.P			
14	14	K.S. Arjun			
15	15	Majid Bin Sulaiman			
16	16	Melvin. N.T			
17	17	Mohammed Sibilin			
18	18	Mohammed Yasin			
19	19	M.P Ashwin			
20	20	Mohammed Dilshad. P.K			
21	21	Muhsin Kassim			
22	22	Rahul Krishna.			
23	24	Sidharth Prakash			
24	25	Sinto Simson			
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29					
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34					
No. of Absentees					
Initial of the Faculty					

	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo.	20	2	2	2	2	2	3	3	3	3	3	3	4
Dt.	9	5	15	15	22	22	1	1	15	15	29	29	3
Hr.	4	6	4	6	4	6	4	6	4	6	1	2	1
1	/	/	/	/	/	/	/	A	A	/	/	/	/
2	/	/	/	/	/	/	/	A	/	/	/	/	/
3	/	A	/	/	/	/	/	A	A	/	/	/	/
4	/	/	/	/	/	/	/	A	A	/	A	/	/
5	/	/	/	/	/	/	/	A	A	/	/	/	/
6	/	/	/	/	/	/	/	A	/	/	/	/	/
7	/	/	/	/	/	/	/	A	/	/	A	/	/
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9	/	/	/	A	/	/	/	A	/	/	/	/	/
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24	/	/	/	/	/	/	/	A	A	/	A	/	/
25	/	/	A	A	/	/	/	A	A	/	/	/	/
26	/	/	/	/	/	/	/	A	/	/	/	/	/
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3	/	/	/	/	/	/	/	/	/	/	/	/	/
4	/	/	/	/	/	/	A	/	/	/	/	/	/
5	/	A	/	/	/	/	/	/	/	/	/	/	/
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9	/	/	/	/	A	/	/	/	/	/	/	/	/
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Certificate Course in
ARDUINO based Embedded System Design

Syllabus

MODULE 1: INTRODUCTION AND FAMILIARIZATION (6 HRS)
- Course Introduction
- Hardware Overview
- Download and Install the Arduino IDE
- Arduino IDE and Sketch Overview
- Understanding Arduino Syntax

MODULE 2: BASICS (6 HRS)
- Understanding and Using Variables
- Blink an LED
- Challenge Discussion
- digitalRead() and Serial Port Communication
- Challenge Discussion
- analogRead() and Serial Port Communications
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- Reading Analog Pins and Converting the Input to a Voltage
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- Fade an LED with Pulse Width Modulation using analogWrite()
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MODULE 3: CONTROL (6 HRS)
- If-Else Statement, Comparison Operators and Conditions
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- For Loop Iteration
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- How to Use Arrays
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- Switch Case Statement and Using a Keyboard for Data Collection
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MODULE 3: CONTROL (CONTINUED) (6 HRS)
- While Statement
- Challenge Discussion

MODULE 4: DIGITAL (6 HRS)

- Blink an LED Without using the delay() Function
- Challenge Discussion
- Using Buttons
- Challenge Discussion
- State Change Detection and the Modulo Operator
- Challenge Discussion
- Debouncing a Button
- Challenge Discussion

MODULE 5: ANALOG (6 HRS)

- Analog I/O and Serial Communications
- Challenge Discussion
- Analog Input
- Challenge Discussion
- Calibration
- Challenge Discussion
- Smoothing Data
- Challenge Discussion

FACULTY COORDINATOR

HOD

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FROM

Ms. NEETHU M

ASSISTANT PROFESSOR

MTR DEPARTMENT, NCERC PAMPADY

TO

HEAD OF THE DEPARTMENT

MTR DEPARTMENT

NCERC PAMPADY

SUBJECT: Requisition for conducting Certification Course on "ARDUINO based Embedded System Design" Reg.

Respected Mam,

As the Assistant Professor of Mechatronics Engineering, I would like to request your support and permission to conduct a certification course on "ARDUINO based Embedded System Design" from 10-02-2022. It will be a 30 hour course scheduled for February to May of this academic year 2022-2023. It is therefore important for students to have a deep understanding of upcoming methodologies to enhance knowledge dissemination to students for doing projects.

All UG Engineering students of MTR Department are eligible for this course.

Sincerely,

PLACE:

DATE:

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PAMPADY, THIRUVILWAMALA, THRISSUR DIST, KERALA-680588

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DEPARTMENT OF MECHATRONICS ENGINEERING

The Department of Mechatronics Engineering is planning to conduct a 30 hour certificate course scheduled during the months; February to may of this academic year 2022-2023. The course is intended to be beneficial for students in their academics as well as professional life and therefore is offered to all **S8 B.Tech Mechantronics Engineering students**. All students are hereby directed to enroll in the course mandatorily.

COURSE NAME : ARDUINO based Embedded System Design

PROGRAM CO-ORDINATOR : Ms. NEETHU M
Assistant Professor ,Department of Mechatronics Engg

DATE OF COMMENCEMENT : 10th FEBRUARY , 2022

COURSE DURATION : 30 Hours

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CERTIFICATE
OF COMPLETION

.....AARDRAV M S.....had successfully completed the Certified course "ARDUINO BASED EMBEDDED SYSTEM DESIGN " during 2022-23 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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PROGRAM CO-ORDINATOR

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.....ABHIJITH B S.....had successfully completed the Certified course "ARDUINO BASED EMBEDDED SYSTEM DESIGN " during 2022-23 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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.....ADITHYA KRISHNA.....had successfully completed the Certified course "ARDUINO BASED EMBEDDED SYSTEM DESIGN " during 2022-23 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

PROGRAM ~~CO-ORDINATOR~~



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.....AISWARYA.V.....had successfully completed the Certified course " ARDUINO BASED EMBEDDED SYSTEM DESIGN " during 2022-23 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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Since 1968

Department of Mechatronics Engineering

ARDUINO MICROCONTROLLER

QUESTION PAPER

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c) ATmega2560
d) ATmega328p

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    b) Leonardo
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ARDUINO MICROCONTROLLER

27. Where does the Arduino IDE search if it needs to find out the Name of a type of Arduino Board?
    a) Arduino.h
    b) build.txt
    c) boards.txt
    d) build.core
28. How many times does the setup() function run on every startup of the Arduino System?
    a) 4
    b) 5
    c) 2
    d) 1
29. Which of the following statements is not true when dealing with the Firmata library?
    a) The Firmata Library uses the Firmata Protocol for communicating data
    b) The Firmata Library uses the Midi Message Format
    c) The Firmata Library can only be used on an Arduino Uno
    d) The Firmata Library is used to establish communications between the Arduino and the Desktop
30. Which Arduino Board does the SigFox Library work with?
    a) Arduino MKRFOX1200
    b) ArduinoMKRZero
    c) Arduino MKRFOX1230
    d) Arduino MKR1000

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Department of Mechatronics Engineering

ARDUINO MICROCONTROLLER

ANSWER KEY

1. C
2. B
3. D
4. C
5. A
6. B
7. D
8. A
9. C
10. D
11. A
12. B
13. A
14. D
15. B
16. C
17. D
18. A
19. D
20. B
21. C
22. B
23. D
24. C
25. A
26. D
27. C
28. D
29. C
30. A

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	Reg. No.	Name	Students Profile		
			CGPA	Arrears	Host./ Pvt.Host./DS
1	NCE19MC001	AARDRAV · MS			
2	002	AASHIN SHIBU			
3	003	ABHIJITH BS			
4	004	ADITHYA KRISHNA			
5	005	AISWARYA · V			
6	006	AJMAL · P			
7	007	AKASH BS			
8	008	AKHIL · U			
9	009	AMRITA · S NAIR			
10	010	ASWIN · J			
11	011	ASWIN KRISHNA · K			
12	012	ASWIN THOMAS			
13	013	CHARLES C KAPPEN			
14	014	GOUTHAM RAJ KA			
15	015	HAYAM FASAN · TM			
16	016	JERIN DAVIS			
17	017	JIM JOSE			
18	018	JOEL BENJAMIN			
19	019	JYOTHISREE SATAN			
20	020	KAILAS SANKAR			
21	021	MOHAMMED FAVAS			
22	022	MOHANKRISHNAN · P			
23	023	MS NIMAL			
24	024	MOHAMMED FAYIS			
25	25	MOHAMMED SHAROOF			
26	026	RISHANA MOL			
27	027	ROY RS			
28	028	RUHA JOICE			
29	029	SAM MATHEW			
30	030	SARATH CHANDRAN MP			
31	031	SARATH K SUNIL			
32	032	SUDHEESH SS			
33	033	VIJAY · K			
34	034	VIPEESH KRISHNAN			
No. of Absentees					
Initial of the Faculty					

	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo.	feb	feb	feb	feb	feb	feb	mar	mar	mar	mar	mar	mar	mar
Dt.	1/2	1/2	15/2	15/2	22/2	22/2	1/3	1/3	8/3	8/3	15/3	15/3	22/3
Hr.	4	6	4	6	4	6	4	6	4	6	4	6	5
1	1	1	1	1	1	1	1	1	A			1	1
2	1	1	1	1	A	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	A	1	1	1	A	1	1	1	1	1	1
5	1	1	1	1	1	1	A	1	1	1	1	1	1
6	A	1	A	1	1	1	A	1	1	1	1	1	1
7	1	1	1	1	1	A	1	1	1	1	1	1	1
8	1	A	1	1	1	1	1	1	1	1	1	A	A
9	1	1	A	1	1	A	1	1	1	1	A	A	1
10	1	1	1	A	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	A	1	1	1	1	1	1	1	1	1
13	1	A	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	A	A	1
15	1	1	1	1	1	1	1	1	A	1	A		1
16	1	A	1	1	1	1	A	1	1	1	1	1	1
17	A	1	1	1	1	1	1	1	1	A	1	1	1
18	1	1	A	1	1	1	1	1	A	A	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	A	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	A	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	A	1	1	1	1	1	1
24	1	1	A	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	A	1	1	1	1	1	1	1
26	A	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1
32	1	1	1	1	1	1	1	1	1	1	1	1	1
33	A	1	1	1	A	1	1	1	1	1	1	1	1
34	1	1	1	1	1	1	1	1	1	1	1	1	1

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Dt.	10/4	12/4	13/4	14/4	16/4	17/4	18/4	19/4	20/4	21/4	23/4	24/4	25/4
Hr.	6	5	6	6	2	3	4	5	6	1	2	3	4
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31			A										
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33			A										
34	A		A										
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	27	28	29	30	31	32	33	34	35	36	37	38	39
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Since 1968

Department of Mechatronics Engineering

ARDUINO MICROCONTROLLER

QUESTION PAPER

28/30

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ARDUINO MICROCONTROLLER

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Aashis Shibu
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Department of Mechatronics Engineering

ARDUINO MICROCONTROLLER

QUESTION PAPER

30/30

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c) ATmega2560
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Abhijith. B.S
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ARDUINO MICROCONTROLLER

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Adithya Krishna.
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ARDUINO MICROCONTROLLER

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Aiswarya.V
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FROM

MR.REJUMON R

ASSISTANT PROFESSOR

MTR DEPARTMENT, NCERC PAMPADY

TO

HEAD OF THE DEPARTMENT

MTR DEPARTMENT

NCERC PAMPADY

SUBJECT: Requisition for conducting Certification Course on "TWO AND THREE WHEELERS TECHNOLOGY" Reg.

Respected Mam,

As the Assistant Professor of Mechatronics Engineering, I would like to request your support and permission to conduct a certification course on "TWO AND THREE WHEELERS TECHNOLOGY" from 10-02-2022. It will be a 30 hour course scheduled for February to May of this academic year 2022-2023. It is therefore important for students to have a deep understanding of upcoming methodologies to enhance knowledge dissemination to students for doing projects.

All UG Engineering students of MTR Department are eligible for this course.

Sincerely,

PLACE:

DATE:

PRINCIPAL
Nehru College of Engineering and
Research Centre (Autonomous)
Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

Nehru College of Engineering and Research Centre (Autonomous)
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FROM

MR. REJUMON R

ASSISTANT PROFESSOR

MTR DEPARTMENT, NCERC PAMPADY

TO

THE PRINCIPAL,

NCERC PAMPADY

Through HOD

Respected Mam,

SUBJECT: Requisition for conducting Certification Course on "TWO AND THREE WHEELERS TECHNOLOGY" Reg.

Students need a deep understanding of upcoming methodologies to enhance knowledge dissemination for doing projects.TWO AND THREE WHEELERS TECHNOLOGY based on basics of engine and helps to understand the working of two and three wheeler technologies it also helps to update the trouble shooting causes and remedies, soMechatronics Engineering department would like to conduct a Certification Course on "TWO AND THREE WHEELERS TECHNOLOGY" from10-02-2022. It will be a 30 hour course scheduled for February to May of this academic year 2022-2023. Kindly request you to give the permission for the same.

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ADMISSION TO CERTIFICATION COURSE (2023-2024)

Applications are invited for admission for the Certification Course 'TWO AND THREE WHEELER TECHNOLOGY' offered by the Department of Mechatronics Engineering, Nehru college of Engineering and Research Centre, Pampady, Thrissur.

Eligibility criteria

All UG engineering students of MTR Department are eligible

Timing:

1 hour per day from 4.00pm to 5.00pm for 30 hours of the course. Saturday and Sunday may be used at the discretion of the department.

Attendance

A minimum of 75% attendance is required for writing the examination.

Important Dates

Commencement of classes: 10-02-2022

Examination Date: 03-05-2022

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DEPARTMENT OF MECHATRONICS ENGINEERING

The Department of Mechatronics Engineering is planning to conduct a 30 hour certificate course scheduled during the months; February to may of this academic year 2022-2023. The course is intended to be beneficial for students in their academics as well as professional life and therefore is offered to all **S4 B.Tech Mechantronics Engineering students**. All students are hereby directed to enroll in the course mandatorily.

COURSE NAME : TWO AND THREE WHEELER TECHNOLOGY

PROGRAM CO-ORDINATOR : REJUMON R
Assistant Professor ,Department of Mechatronics Engg

DATE OF COMMENCEMENT : 10th FEBRUARY , 2022

COURSE DURATION : 30 Hours

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DEPARTMENT OF MECHATRONICS ENGINEERING

ADD ON SYLLABUS
BATCH (2021-25)
AY (2022-23)

CLASS; IIYEAR & IV SEMESTER
DEPT; MECHATRONICS ENGINEERING

CODE	COURSE NAME	L	T	P	CREDIT
ADD ON	TWO AND THREE WHEELERS TECHNOLOGY	2	0	0	-

The objective of this course is

- To know the basics of engine.
- To understand the working of two and three wheelers technologies.
- To update the trouble shooting causes and remedies.

Course Outcomes: After the completion of the course the student will be able to,

CO1	Basic knowledge about then automobile engine.
CO2	Understand the working of two wheelers technologies.
CO3	Build a basic knowledge about three wheelers technologies
CO4	Summarize the concept of two and three wheeler schedule of services.

Mapping of course outcomes with program outcomes,

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3						2					2		2
CO2	3						2					2		2
CO3	3						2					2		2
CO4	3						2					2		2

Mark distribution

Total Marks	MCQ	Duration
30	30	1 Hours

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CERTIFICATE
OF COMPLETION

AGNAY BABU P G .....had successfully completed the Certified course " TWO AND THREE WHEELER TECHNOLOGY " during 2022-2023 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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PROGRAM CO-ORDINATOR

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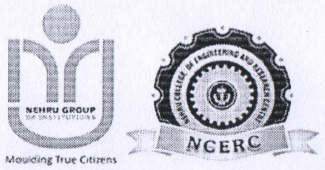
HEAD OF DEPARTMENT



CERTIFICATE
OF COMPLETION

AJAY K V .....had successfully completed the Certified course " TWO AND THREE WHEELER TECHNOLOGY " during 2022-2023 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

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HEAD OF DEPARTMENT

CERTIFICATE
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Thiruvilwamala, Thrissur - 680588

HEAD OF DEPARTMENT

NEHRU GROUP OF INSTITUTIONS
Moulding True Citizens

NCERC

CERTIFICATE
OF COMPLETION

ADITHYA B KRISHNA .....had successfully completed the Certified course " TWO AND THREE WHEELER TECHNOLOGY " during 2022-2023 conducted by the Department of Mechatronics Engineering, Nehru College of Engineering and Research Centre, Pampady, Thrissur.

PROGRAM CO-ORDINATOR

Nehru College of Engineering and Research Centre (Autonomous)
Nila Gardens
Pampady
Thiruvilwamala
Thrissur - 680588

PRINCIPAL
Nehru College of Engineering and Research Centre (Autonomous)
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HEAD OF DEPARTMENT

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
(NAAC Accredited)
(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Kerala)

Since 1968

DEPARTMENT OF MECHATRONICS ENGINEERING

ADD ON SYLLABUS
BATCH (2021-25)
AY (2022-23)

CLASS; II YEAR & IV SEMESTER **NAME & REG NO;**

DEPT; MECHATRONICS ENGINEERING **CLASS;**

TWO AND THREE WHEELERS TECHNOLOGY

1. In a two stroke engine, the working cycle is completed in two revolutions of the crankshaft.

a) True.
b) False.

2. A two stroke cycle engine gives _____ the number of power strokes as compared to the four stroke cycle engine, at the same engine speed..

a) Half
b) Same
c) Double
d) Four times

3. The two stroke cycle engine have lighter flywheel.

a) True.
b) False.

4. In compression ignition engines, swirl denotes a _____.

a) Haphazard motion of the gases in the chamber
b) Rotary motion of the gases in the chamber
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5. Which of the following is not a type of valve used in internal combustion engine?

a) Poppet or mushroom valve.
b) Sleeve valve.
c) Linear valve.
d) Rotary valve.

6. A lubricant oil is needed to run the machine----------

a) Quickly.
b) With increased friction.
c) With cleanliness.
d) Without noise.

7. Which oil pump is used in stationary diesel engines?

a) Vane type.
b) Plunger type.
c) Gear type.
d) Rotary type.

8. Leaf spring absorbs shock by----------

a) Expanding.
b) Bending.
c) Compression.
d) Twisting.

9. Which of the following is not used as material for automotive frame?

(a) Carbon Steel.
(b) Cast Iron
(c) Alloy Steel
(d) Aluminium

10. Shock absorber is also called as ----------

(a) Damper.
(b) Torsion bar
(c) Elliptic spring
(d) None of these

11. Which type of rear axle is best suited for heavy vehicles?

(a) Full floating axle.
(b) Quarter floating axle.
(c) Semi floating axle.
(d) Three quarter floating axle

12. Which of the following is the major part of a tubeless tyre?

a) Carcass.
b) Tread
c) Both A and B
d) None of these.

13. For wheel and tyre troubles the cause of wheel bounce is----------

a) Eccentricity of the wheel and tyre.
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d) All of the above.

14. Telescopic shock observer consists of---------

a) One chamber
b) Two chamber
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15. Coil springs absorb shocks by

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16. Shackles are sort of

(a) Coupling
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17. What is meant by ABS?

(a) Avoid braking system
(b) Actual brake system
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18. In air brake, air pressure is supplied by----------

(a) The engine manifold.
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(c) The diaphragm valve
(d) A condenser

19. Regenerative braking involves :

a) Nano fibers that repair the surface of brake pads
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c) Reclaiming heat from the brakes and using it for power
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20. Braking is produced by the frictional effect between the brake drum and----------

a) Wheel cylinder piston
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21. Select the cycle use in a Hybrid Engine.

a) Otto
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TOTAL NUMBER OF CORRECT ANSWERS:.....

TOTAL MARKS:.....

MARKS IN PERCENTAGE:.....

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
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Since 1968

DEPARTMENT OF MECHATRONICS ENGINEERING

ADD ON SYLLABUS
BATCH (2021-25)
AY (2022-23)

CLASS; II YEAR & IV SEMESTER
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TWO AND THREE WHEELERS TECHNOLOGY
ANSWER KEY

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TOTAL NUMBER OF CORRECT ANSWERS:.....

TOTAL MARKS:.....

MARKS IN PERCENTAGE:.....

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
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Pampady,Thiruvilwamala,Thrissur(DT)-680588
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Since 1968

NCERC/3125/AC/ 09 /22

CIRCULAR

Subject:NCERC-Conduct of DAC&PAC meeting by all departments for the ODD semester of academic year 2022-23 Reg...

It is communicated to all department heads prior to the start of the upcoming odd semester for APJKTU,which will begin in August.As a result,the Hods are requested to convene a meeting of the Department Advisory Committee (DAC) and the program Assessment Committee(PAC) before 22nd JULY,2022 in order to continuously evaluate and enhance the program's outcomes in all domains of programme academic, non-academic and accreditation process.

Principal

Copy to:

All Heads of the Departments, Faculty members, NBA coordinators, office superintend, Welfare officer, Work shop superintend , HR ,Academic Superintend , Chairman and Managing Trustee.

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
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DEPARTMENT OF MECHATRONICS
DEPARTMENT ADVISORY COMMITTEE(DAC)
MINUTES OF MEETING- 22 / 07 /22

The Department Advisory committee (DAC) of the Mechatronics Engineering program was established on July 5,2016, with the goal of regularly reviewing the program outcomes in all academic, non-academic , and accrediting processes. The DAC had its meeting on 22nd July,2022 in the board room Aryabhata block, NCERC ,Pampady.

The meeting had started by 10:00 AM and the following faculty member, Academicians, Industrial persons and students' representatives had attended the meeting :

s.no	Designation	Name	Attendance
1	Principal		
2	Head of the Department		
3	Faculty Representatives from Department	Mr.Midhunraj P K Ms.Neethu M	
4	Academic experts from other institutions/universities	Dr.Lalu,professor,GEC Thrissur	
5	Industrial Experts	Mr.Jevin George,Mahindra & Mahindra,chennai	ABSENT
6	Student Representatives	Ms.Smruthy Ranjith Mr.Rajith Krishnan	
7	Alumini Representative	Mr.Ribin Mathew Mr.Ebin sunny	
8	NBA Coordinator	Mr.Niveth L	

Dr.Ambikadevi Amma T,Chairman of DAC starts the session with a silent prayer in honour of our beloved Founder chairman,Late Sri.P.K.Das.The following points were discussed:

POINTS DISCUSSED

1.The committee examined how to implement and make all course outcomes known to students,as well as how to map them with Pos and PSOs using various platforms.

2.The committee discussed the quality of the content beyond the subjects and the circulation of the same.

3.The committee suggested conducting remedial class for slow learners.

4.The DAC also encouraged the s5 class advisor to encourage students to persue research oriented design projects in order to strengthen the department's R&D operations.

5.The committee also recommended that students use project.

6.Artificial intelligence Laboratory can be included.

7.Robotic operating system can be added for the upcoming semester to fill curricular gaps.

8.The committee examined the performance of department association and its related activities.

ACTION TAKEN

1.The committee reviewed students projects and advised faculty advisors to motivate students to do their projects in innovative areas.

2.The committee encouraged all faculties to upload the course materials in various digital platforms for students circulation, committee also suggest to include course outcomes, content beyond the syllabus etc... in the same.

3.The committee encouraged all class advisors to categorise students based on academic performance, give remedial classes for slow learners, and keep all appropriate departmental documentation on file.

SECRETARY **CHAIRMAN**

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE
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Since 1968

NCERC/3125/S/AC/ 09/22

CIRCULAR

Subject:NCERC-Conduct of DAC&PAC meeting by all departments for the even semester of academic year 2022-23 Reg...

It is communicated to all department heads prior to the start of the upcoming even semester for APJKTU,which will begin in January.As a result,the Hods are requested to convene a meeting of the Department Advisory Committee (DAC) and the program Assessment Committee(PAC) before 20th Dec,2022 in order to continuously evaluate and enhance the program's outcomes in all domains of programme ,academic, non-academic and accreditation process.

Principal

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All Heads of the Departments, Faculty members, NBA coordinators, office superintend, Welfare officer, Work shop superintend , HR ,Academic Superintend , Chairman and Managing Trustee.

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DEPARTMENT OF MECHATRONICS

DEPARTMENT ADVISORY COMMITTEE(DAC)

MINUTES OF MEETING-20 /12 /22

The Department Advisory committee (DAC) of the Mechatronics Engineering program was established on July 5,2016, with the goal of regularly reviewing the program outcomes in all academic, non-academic , and accrediting processes. The DAC had its meeting on Dec 20/12/2022 in the board room Aryabhata block, NCERC ,Pampady.

The meeting had started by 10:00 AM and the following faculty member, Academicians, Industrial persons and students' representatives had attended the meeting :

s.no	Designation	Name	Attendance
1	Principal		
2	Head of the Department		
3	Faculty Representatives from Department	Mr.Midhunraj P K Ms.Neethu M	
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Dr.Ambikadevi Amma T,Chairman of DAC starts the session with a silent prayer in honour of our beloved Founder chairman,Late Sri.P.K.Das.The following points were discussed:

POINTS DISCUSSED

1.DAC recommend all faculties to join in professional societies like IEEE,ISTE,IAENG Etc...

2.The committee reviewed the quality of design projects by S5 students and phase I projects of final years.

3.The committee went over the process of identifying slow learners and the remedial classes that were offered.

ACTION TAKEN

1.The remedial class registers were reviewed by DAC,and the slow learners class mentors were instructed to undertake slow learners counselling sessions in order to improve the results.

2.The committee made necessary modifications and recommended all class advisors to prepare individual attainments for each batch.

3.DAC recommend the department to create opportunities to students as well as faculties to join in professional societies like IEEE,ISTE,IAENG Etc...

Secretary

Chairman

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DEPARTMENT OF MECHATRONICS ENGINEERING

ADD ON
BATCH (2021-25)
AY (2022-23)

CLASS; II YEAR & IV SEMESTER **NAME & REG NO;** Abhinav.S NCE21MC001

DEPT; MECHATRONICS ENGINEERING **CLASS;** S4 MTR

TWO AND THREE WHEELERS TECHNOLOGY

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CLASS; II YEAR & IV SEMESTER **NAME & REG NO;** NCE21MC002 Aditya. B. Krishna

DEPT; MECHATRONICS ENGINEERING **CLASS;** S5 MECHATRONICS

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12. Which of the following is the major part of a tubeless tyre?

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(d) A condenser

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18

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TOTAL NUMBER OF QUESTIONS ATTENDED:30

TOTAL NUMBER OF CORRECT ANSWERS:22

TOTAL MARKS:22

MARKS IN PERCENTAGE:73

13

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Since 1968

DEPARTMENT OF MECHATRONICS ENGINEERING

ADD ON SYLLABUS
BATCH (2021-25)
AY (2022-23)

CLASS; II YEAR & IV SEMESTER **NAME & REG NO;** Afsana Thasnim NCE21MCO403

DEPT; MECHATRONICS ENGINEERING **CLASS;** S4 MTR

TWO AND THREE WHEELERS TECHNOLOGY

1. In a two stroke engine, the working cycle is completed in two revolutions of the crankshaft.

a) True.
b) False.

2. A two stroke cycle engine gives _____ the number of power strokes as compared to the four stroke cycle engine, at the same engine speed..

a) Half
b) Same
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a) Haphazard motion of the gases in the chamber
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Thrissur - 680588

6. A lubricant oil is needed to run the machine----------

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TOTAL NUMBER OF QUESTIONS:30

TOTAL NUMBER OF QUESTIONS ATTENDED:30

TOTAL NUMBER OF CORRECT ANSWERS:25

TOTAL MARKS:25

MARKS IN PERCENTAGE:83.3%

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DEPARTMENT OF MECHATRONICS ENGINEERING

ADD ON SYLLABUS
BATCH (2021-25)
AY (2022-23)

CLASS; II YEAR & IV SEMESTER **NAME & REG NO;** Aurnay. NCE21MC004

DEPT; MECHATRONICS ENGINEERING **CLASS;** S4 MTR.

TWO AND THREE WHEELERS TECHNOLOGY

1. In a two stroke engine, the working cycle is completed in two revolutions of the crankshaft.

a) True.
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6. A lubricant oil is needed to run the machine----------

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13

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TOTAL MARKS:.....28.....

MARKS IN PERCENTAGE:.....93%.....

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DEPARTMENT OF MECHATRONICS ENGINEERING

ADD ON
BATCH (2021-25)
AY (2022-23)

CLASS; II YEAR & IV SEMESTER **NAME & REG NO;** Ajay K.V NCE21MC005

DEPT; MECHATRONICS ENGINEERING **CLASS;** S4 MTR

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TOTAL NUMBER OF CORRECT ANSWERS:.....27.....

TOTAL MARKS:.....30.....

MARKS IN PERCENTAGE:.....90.....

Nehru College of Engineering and Research Centre (Autonomous)
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Since 1968

NSM Academic/2022

20/06/2022

To,

The Principal,

NCERC, Pampady

Respected Madam,

Sub: Request to conduct 5 days add-on program for the 4th semester MBA students

MBA department is arranging 5 days add-on program for the 4th semester MBA students on the topic "Health care management". Experts are from PKDIMS hospital.

Date: June 30th, July 1st ,2nd,4th and 5th .

Syllabus and Schedule are attached.

Thanking you

HOD
Nehru School of Management

Head of the Department
Department of Management Studies
NCERC, Thiruvilwamala- 680588

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NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

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Pampady, Thrissur, Kerala-680 588

Since 1968

NSM/Academic/2021

24/06/2021

CIRCULAR

This is to inform Nehru School Of Management is organizing 5 days add-on program for the 4th semester MBA students on the topic "Health care management". All are requested to participate in the program.

HOD

Head of the Department
Department of Management Studies
NCERC, Thiruvilwamala-680588

Nehru School of Management

PRINCIPAL
Nehru College of Engineering and
Research Centre (Autonomous)
Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

CC:

The Principal, NCERC

Campus Manager, NCERC

Academic Office, NCERC

PROGRAM OBJECTIVE:

1) Allow students to supplement Graduate programs with shorter, practical and industry-focused programs.

2) Institute Industry Interaction

PROGRAM OUTCOME:

1) Experience gaining from experts'

2) Gaining Additional knowledge

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NEHRU GROUP OF INSTITUTIONS
Moulding True Citizen

5 DAYS ADD-ON COURSE
ON
HEALTH CARE MANAGEMENT

NCERC







PRINCIPAL
Nehru College of Engineering and
Research Centre (Autonomous)
Nila Gardens, Pampady
Thiruvilwamala, Thrissur - 680588

Experts
from
PKDIMS

Date: 30th June, 1st, 2nd , 4th & 5th July 2022
Time: 9am to 4pm

SL.NO	UNIT	CATEGORY	SYLUBUS	DURATION
1	UNIT - 1	PRINCIPLES OF HOSPITAL MANAGEMENT	Concept of Health Care Industry & its ever-changing character, Understanding functioning of Corporate multi-specialty hospital ,Managerial activities for effective hospital functioning, Duties and responsibilities of Hospital Managers , Qualities of effective Managers , Effective inter and intra departmental co-ordination	3 HOURS
2	UNIT - 2	LEGAL ASPECTS IN HEALTHCARE	Medico- Legal Problems in relation to health administration, Law of Contracts, Specific Performance, Law applicable to Hospital employees, Medical jurisprudence and functioning of hospitals Consumer Protection Act and Hospitals	3 HOURS
3	UNIT - 3	STRATEGIC MANAGEMENT IN HEALTHCARE	Strategic Management Process, Situational analysis in health sector Strategy formulation and strategy implementation, Forecasting methods, stakeholder analysis, Monitoring techniques, evaluation procedures and tools	3 HOURS
4	UNIT-4	HOSPITAL BASED HEALTHCARE & CHANGING SCENARIO	Concept of Modern Hospital & Privatization in Health Sector, Public Sector Hospitals and Level of care / offered facilities , Effects of Globalization in Health care, Concept of Corporate Hospital in developing countries , Infrastructure and lay out of an ideal corporate hospital , Functioning of modern hospitals & changing need of patients, Hospitality in Hospital Care, Invasive and non-invasive diagnostic facilities in modern hospital, Care offered in Specialty and Super specialty Hospitals	3 HOURS
5	UNIT - 5	PATIENT CARE SERVICES	Admission/discharge, nursing care, various diagnostics services, surgery and anaesthesia services, blood transfusion services, CSSD, housekeeping, laundry,	3 HOURS
6	UNIT - 6	SAFETY IN HEALTHCARE	hospital safety program, emergency codes, occupational safety, disaster management, fire safety, environment safety, applicable laws	3 HOURS
7	UNIT - 7	QUALITY ASSURANCE IN HEALTHCARE	Quality Management Programme, ISO clauses, quality manual, quality of clinical services, Critical Pathways, Medical Audits, NABL, NABH, JCI, BIS, Performance review – Assessment /	3 HOURS

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			Methods , Quality Management of diagnostic facilities, Quality of assurance procedures, Deming's Principles, Juran Trilogy, Kaizen, Philip Crosby's Principles	
8	UNIT - 8	HUMAN RESOURSE MANAGEMENT IN HEALTHCARE	human resource planning, staff recruitment, induction training, on-going training, job description and specification, mandatory trainings, performance appraisal, disciplinary proceedings, employee health, work place violence prevention, credentialing and privileging	3 HOURS
9	UNIT - 9	HEALTHCARE COMMUNICATION	communication with patients and families, enhanced communication, unacceptable communication, effective communication, informed consent, legal aspects	3 HOURS
10	UNIT-10	AN OVERVIEW TO HOSPITAL INFECTION CONTROL AND ANTIMICROBIAL STWEWARSHIP PROGRAMME	hospital infection control programme, HICC, Hospital Associated Infections, KPIs, hand washing, antibiotic stewardship programme	3 HOURS
11	UNIT-11	INTRODUCTION TO HOSPITAL INFORMATION SYSTEM, & MEDICAL DOCUMENTATION	management and control of health information, importance of medical documentation, maintance of confidentiality, integrity and security of records, review of medical records, legal aspects	3 HOURS

- 2 hours Q&A Session with hospital top management
- Hospital Tour (last day)

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Sl.no	Name List	6/30/2022		7/1/2022		7/2/2022		7/4/2022		7/5/2022		total hours	attendance
		3hrs	3hrs	3hrs	3hrs	3hrs	3hrs	3hrs	3hrs	3hrs	3hrs		
1	AADITH SIMON											30	100
2	ABDUL BASITH C S											30	100
3	ABHIJITH A B											30	100
4	ABHISHEK V											30	100
5	AISWARYA N									A		27	90
6	AKHILA V RAJAN											30	100
7	AKSHAYA K											30	100
8	ANASWARA P											30	100
9	ANEESA K A			A	A							24	80
10	ANJALI P	A	A									24	100
11	ANJU T											30	100
12	ARYA M S											30	100
13	AYSHA ANSHIDA M P			A	A							24	80
14	DHWANI S NAIR					A	A					24	80
15	DIVYA P A											30	100
16	GREESHMA K											30	100
17	HARISHMA K G											30	100
18	HARITHA H											30	100
19	HRIDYA HARI											30	100
20	JERIN GEORGE							A	A			24	80
21	JOFFY JOSE					A	A					24	80
22	JYOTHI M S											30	100
23	KAVYA K											30	100
24	KAVYA UNNIKRISHNAN											30	100
25	MINI R											30	100
26	MUHAMMED AJMAL O K									A	A	24	80
27	NANDANA K P											30	100
28	NIKHILA BINUMON											30	100
29	P MEGHA ANAND											30	100
30	PAVITHRAN.T	A	A									24	80
31	PRAJITHA K NAIR							A	A			24	80
32	PRINCE THOMAS											30	100
33	RESHMI RAMACHANDRAN											30	100
34	ROHAN DINESH PARDESHI											30	100
35	ROSE S PALISSERY			A	A							24	80
36	SHAFNA JASMIN											30	100
37	SHANA K M											30	100
38	SHEJEEB K S											30	100
39	SHERIN JOSE											30	100
40	SIBI BABY											30	100
41	SNEHA SABU											30	100
42	SRUTHI T P											30	100

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A REPORT ON ADD-ON COURSE ON "HEALTH CARE MANAGEMENT"

On 30th June 2022, Department of MBA, Nehru School of Management organized 5 days Add-on course on "Health care Management". It was a 5 days programme conducted by Administrative staffs of P K Das Institute of Medical Sciences. The speakers of the programme are Mr. Binu k U, Mrs. jincy joseph, Mr. Mahesh, Mrs. Reshma, Mrs. Deepthi who are the administrative staffs of P K Das Institute of Medical Sciences.

The Add-on course session began with the prayers, presented by student volunteers. Then, the Head of the Department Dr. joju c Akkara welcomed the speaker.

In the forenoon session. Mr. Binu c j who is the Sr. Executive H R Manager, addressed the students about the "Principles of Management" in which Role of Healthcare Industry, Functions of Hospital, functioning of a Corporate Multi specialty Hospital and about the Managerial activities for Effective Hospital Functioning, Duties and Responsibilities of hospital managers were included. Next, Mrs. Jincy Joseph, who is the Nursing superintendent of the institution addressed about the "Patient Care Services", "The admission and Discharge procedures in the Hospital" and also handled the session about "Hospital Based Health Care and Changing Scenario". In the afternoon session of 30th June, same persons handled with the topic on "Human Resources Planning".

On 1st of July, Mr. Liju Ram , who is safety officer addressed about the Safety in Healthcare and the about the "Safety Equipment's and Emergency codes of the Hospital" . On the same day, Mr. Mahesh, addressed about the Strategic Management In Healthcare which includes "Strategic Management Process, Forecasting methods and the Evaluation procedures and tools.

On 2nd July, Mrs. Reshma P R, who is the Quality Coordinator addressed about the Quality Assurance in Healthcare and the ISO Clauses, medical audits, Quality management of Diagnostic Facilities used in the organization. On the same day, topics related to Legal aspects in healthcare was also handled by Mrs. jincy joseph.

On 3rd of July, Mrs. Deepthi, who is the Gust Relations In Charge, addressed about the Healthcare Communication which includes Enhanced Communication, Legal aspects and the communication with patients and families. On the same day, an overview of Hospital Infection Control and Antimicrobial stewardship programme were conveyed.

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On 4th July, Introduction to Hospital Information System and Medical Documentation was handled by Mr. Aby Thanckachan, MRO . These 5 days Add on Course programme for the students of MBA was much effective and also enhanced the knowledge about the Healthcare Services and Health care management among students.

It was a well-organized programme, including 45 students of final year MBA , including faculty members of MBA Department of Nehru school of Management. Some of the student volunteers were also supporting behind the scene for great success of the programme.

At the end of the session, many students came up with feedbacks, which appreciated the speakers of P k DAS Institute of Medical Sciences. The programme was concluded with Vote of Thanks and a commemorative photograph.

Sd
Sijo. Joseph
Batch tutor
6th July 2022

Head of the Department
Department of Management Studies
NCERC, Thiruvilwamala- 680588

FEEDBACK OF ADD ON COURSE ON HEALTHCARE MANAGEMENT

The department of MBA, Nehru School of Management organized a add on course on the topic HEALTHCARE MANAGEMENT'. The session was conducted by the staff members P.K.DAS INSTITUTE OF MEDICAL SCIENCE. The session was very helpful and very effective. The session covered hospitality, departments of the hospital, administration, quality management, fire and safety etc.; it helped us understand all the producers and functionalities of the hospital and also maintenance of nook and corner of the hospital.

I would like to extend my sincere gratitude towards the management and the whole team of PKDMS for conducting such informative session for us. Not only the session was informative but the training study material they provided was also very interesting, because it is very helpful in both personal as well as in professional life. The team which was involved in the process of making this training session so productive. It was great job done and we look forward for attending more training session with you if possible.

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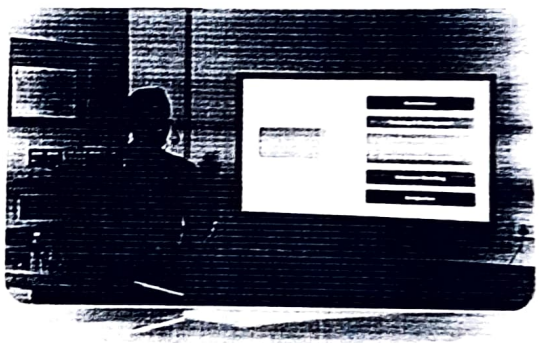
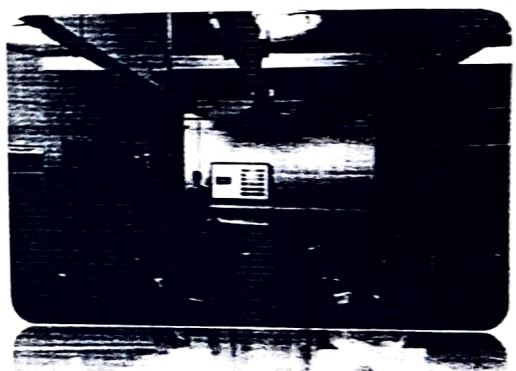
5 DAYS ADD-ON COURSE
ON
HEALTH CARE MANAGEMENT

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Date: 30th June, 1st, 2nd , 4th & 5th July 2022
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PK DAS

Certificate

This is to certify that

AKHILA V RAJAN

has successfully completed the 30 hours course on ' **Healthcare Management** '
conducted by PK DAS Institute of Medical Sciences , Vaniamkulam
Awarded on 05/07/2022

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Director

General Manager

PK DAS

Certificate

This is to certify that

ANJALI P

has successfully completed the 30 hours course on ' **Healthcare Management** ' conducted by PK DAS Institute of Medical Sciences , Vaniamkulam

Awarded on 05/07/2022

Director

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General Manager

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DEPARTMENT OF COMPUTER APPLICATIONS

To

The Principal, NCERC

Madam,

Sub: Request for conduct of Value Added Courses for MCA students

As in previous years, we have planned to conduct the Value added program for our students tentatively on November 2022

The topic selected for this program is Importance of Digital Security

Once approved we shall plan out the execution of program.

Thank you

HOD-MCA

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Minutes of Meeting conducted on 27/10/2022

1. Principal's approval dt. 07th – 18th November 2022 for Value Added courses
2. Topic of VA Course is fixed as Importance of Digital Security
3. The syllabus may cover various sections related to cyber security
4. Class tutors must motivate the students to take the course seriously
5. Evaluation may be done through Quiz, Written Exams and Group activities
6. Certificates for successful students may be provided

Coordinator – VA Courses-MCA

Faculty Attendees

Dr.Sudheer.S.Marar

Dr.Deepa

Dr Vineetha K R

Student Attendees

Sruthi

Deepak

Aparna

Sidharth

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Nehru College of Engineering & Research Centre, Pampady

Department of MCA

Circular

This is to inform you that the Department of MCA is conducting value added course on Importance of Digital Security 07/11/22 to 18/11/22. Attendance is compulsory.

Pampady

01/11/22

HOD MCA

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VALUE ADDED PROGRAM

IMPORTANCE OF DIGITAL SECURITY

DATE :

07 - 18 NOVEMBER 2022



VENUE :

Kapila Block,

NCERC

M.C.A.

SESSION BY :

SREEJITH

LUMINAR

TECHNOLOGIES

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For enquiries contact Coordinator Dr Deepa A : 9847643316

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ACADEMIC YEAR 2022-2023

SYLLABUS IMPORTANCE OF DIGITAL SECURITY 07th – 18th November 2022

Unit 1: Introduction to Cyber Security

Overview of Cyber Security, Internet Governance – Challenges and Constraints, Cyber Threats:- Cyber Warfare-Cyber Crime-Cyber terrorism-Cyber Espionage, Need for a Comprehensive Cyber Security Policy, Need for a Nodal Authority, Need for an International convention on Cyberspace.

Unit 2: Cyber Security Vulnerabilities and Cyber Security Safeguards

Cyber Security Vulnerabilities-Overview, vulnerabilities in software, System administration, Complex Network Architectures, Open Access to Organizational Data, Weak Authentication, Unprotected Broadband communications, Poor Cyber Security Awareness. Cyber Security Safeguards- Overview, Access control, Audit, Authentication, Biometrics, Cryptography, Deception, Denial of Service Filters, Ethical Hacking, Firewalls, Intrusion Detection Systems, Response, Scanning, Security policy, Threat Management.

Unit 3: Securing Web Application, Services and Servers

Introduction, Basic security for HTTP Applications and Services, Basic Security for SOAP Services, Identity Management and Web Services, Authorization Patterns, Security Considerations, Challenges.

Unit 4: Intrusion Detection and Prevention

Intrusion, Physical Theft, Abuse of Privileges, Unauthorized Access by Outsider, Malware infection, Intrusion detection and Prevention Techniques, Anti-Malware software, Network based Intrusion detection Systems, Network based Intrusion Prevention Systems, Host based Intrusion prevention Systems, Security Information Management, Network Session Analysis, System Integrity Validation.

Unit 5: Cryptography and Network Security

Introduction to Cryptography, Symmetric key Cryptography, Asymmetric key Cryptography, Message Authentication, Digital Signatures, Applications of Cryptography. Overview of Firewalls- Types of Firewalls, User Management, VPN Security Security Protocols: - security at the Application Layer- PGP and S/MIME, Security at Transport Layer- SSL and TLS, Security at Network Layer-IPSec.

Unit 6: Cyberspace and the Law

Introduction, Cyber Security Regulations, Roles of International Law, the state and Private Sector in Cyberspace, Cyber Security Standards.

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ACADEMIC YEAR 2022-2023

SCHEDULE CYBER SECURITY 07th – 18th NOVEMBER 2022

No.	Date	Portions Covered
1	07	Foundation of security
2	08	Securing operating system
3	09	Protecting system using Antivirus
4	10	Data Encryption
5	11	Data Backup & Disaster Recovery
6	14	Internet Security
7	15	Securing Online Transactions
8	16	Social Engineering and Identity Theft
9	17	Securing Mobile Devices
10	18	Major Attacks in Internet Platform & Cyber law

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ACADEMIC YEAR 2022 – 2023

ATTENDANCE FOR ADD-ON PROGRAM "IMPORTANCE OF DIGITAL SECURITY"

07th – 18th Nov 2022

NO.	NAME	07	08	09	10	11	14	15	16	17	18
1	ABIN MATHEW	/	/	/	/	/	/	/	/	/	/
2	AGIN C S	/	/	/	/	/	/	/	/	/	/
3	AJESH M	/	/	/	/	/	/	/	/	/	/
4	AJITH A	/	/	/	/	/	/	/	/	/	/
5	AJOY JOHN	/	/	/	/	/	/	/	/	/	/
6	AKHIL K P	/	/	/	/	/	/	/	/	/	/
7	AKSHARA K S	/	/	/	/	/	/	/	/	/	/
8	ALEX VARGHESE A	/	/	/	/	/	/	/	/	/	/
9	AMRUTHA S	/	/	/	/	/	/	/	/	/	/
10	ANSADALI M	/	/	/	/	/	/	/	/	/	/
11	ANSIRA FATHIMA M	/	/	/	/	/	/	/	/	/	/
12	ANUPAMA K	/	/	/	/	/	/	/	/	/	/
13	APARNA A	/	/	/	/	/	/	/	/	/	/
14	ARIYA SIVADAS	/	/	/	/	/	/	/	/	/	/
15	ARJUN P V	/	/	/	/	/	/	/	/	/	/
16	ASWATHY R NAIR	/	/	/	/	/	/	/	/	/	/
17	ASWINI M	/	/	/	/	/	/	/	/	/	/
18	BINDUJA S B	/	/	/	/	/	/	/	/	/	/

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19	DARSANA V P										
20	DEVIKA E P										
21	DIVYA RAJACHANDRAN										
22	FARSEENA A P										
23	HENNA THOMAS										
24	JAHANA SHIRIN A K										
25	JINCY J										
26	JOMIN C JOY										
27	KAVYA P										
28	KAVYA Y K										
29	KEERTHI S										
30	MANASA A S										
31	MUHAMMED ANAS A										
32	NIHILA M J										
33	NIKETH P S										
34	NIKHIL MANIKANDAN										
35	PALLAVI P										
36	P MALAVIEKA										
37	PRASSY U P										
38	RANA										
39	RESHMA K RAMESH										
40	RIJA R										
41	SANDEEP K										
42	SANDEEP S										
43	SANDRA K										
44	SANIKA DAS B										

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45	SANMANUL FARIS A										
46	SARANYA K										
47	SAYYINA SHARO SHAIJU										
48	S DEEPAK RADHAKRISHNAN										
49	SHAMNA S										
50	SHIHAM ONGALLUR										
51	SHIMJA S										
52	SHRUTHI S										
53	SIDHARTH K P										
54	SILPA C S										
55	SNEHA C										
56	SREEKALA P										
57	SREESHNA U										
58	SRUTHI T										
59	UNNIMAYA U										
60	VYSAKH SANKAR P M										

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ACADEMIC YEAR 22-23

IMPORTANCE OF DIGITAL SECURITY QUESTION PAPER

Each question carries 1 mark

1. Which of the following tool is used for Wi-Fi hacking?
   a) Nessus
   b) Snort
   c) Wireshark
   d) Aircrack-ng

2. Which of the following is a popular IP address and port scanner?
   a) Snort
   b) Ettercap
   c) Cain and Abel
   d) Angry IP Scanner

3. Which of the following is not an example of physical data leakage?
   a) Phishing
   b) Dumpster diving
   c) Shoulder surfing
   d) Printers and photocopiers

4. What is the unauthorized movement of data?
   a) Data cracking
   b) Data infiltration
   c) Data exfiltration
   d) Database hacking

5. Which of the following is not an information source over the internet for target attackers?
   a) YouTube
   b) Whois
   c) Nslookup
   d) Archive sites

6. There are ..... types of scanning in ethical hacking and cyber-security
   a) 2
   b) 3
   c) 4
   d) 6

7. ..... is not a valid scanning method.
   a) Null Scan
   b) Cloud scan

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c) SYN Stealth scan
d) Xmas Tree scan

8. Which of the following is the most important activity in system hacking?
a) Covering tracks
b) Escalating privileges
c) Cracking passwords
d) Information gathering

9. Which of the followings are the types of scanning?
a) Passive, active, and interactive
b) Port, network, and services
c) Server, client, and network
d) Network, vulnerability, and port

10. Which of the following database is queried by Whois?
a) ARIN
b) APNIC
c) DNS
d) ICANN

11. Which of the following is the first computer virus?
a) Creeper
b) Blaster
c) Sasser
d) None of the above

12. We should turn on ..... to protect Our Computer from hacker.
a) VLC
b) Script
c) Antivirus
d) Firewall

13. What is Code red?
a) Antivirus
b) Virus
c) Photo Editing Software
d) None of the above

14. Which of the following is also known as Malicious software?
a) Badware
b) illegalware
c) Malware
d) Maliciousware

15. What are the elements of cybersecurity?
a) Network security

b) Operational security
c) Application security
d) All of the above

16. What are the common cyber-attacks which can be used by hackers to damage network?
a) Phishing & Password attacks
b) Malware & Malvertising
c) DDoS & Drive-by downloads
d) All of the above

17. A computer virus may be used to -
a) Corrupt data in your computer
b) Log the user's keystrokes
c) Access private data like user id and passwords
d) All of the above

18. Which of the following option is used to protect data and passwords?
a) Authorization
b) Authentication
c) Encryption
d) Non-repudiation

19. What does TCP/ IP stands for?
a) Transaction control protocol / Internal protocol
b) Transmission control protocol / Internet protocol
c) Transmission contribution protocol / Internal protocol
d) None of the above

20. Which of the following wireless protocol uses TKIP?
a) WPA
b) WEP
c) WPA2
d) WPS

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DEPARTMENT OF COMPUTER APPLICATIONS

ACADEMIC YEAR 22-23

IMPORTANCE OF DIGITAL SECURITY ANSWER KEY

1. Why would a hacker use a proxy server?

A. To create a stronger connection with the target.
B. To create a ghost server on the network.
C. To obtain a remote access connection.
D. To hide malicious activity on the network.

Correct Answer – D
Explanation – Proxy servers exist to act as an intermediary between the hacker and the target and servces to keep the hacker anonymous to the network.

2. What type of symmetric key algorithm using a streaming cipher to encrypt information?

A. RC4
B. Blowfish
C. SHA
D. MD5

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Correct Answer – A
Explanation – RC$ uses streaming ciphers.

3. Which of the following is not a factor in securing the environment against an attack on security?

A. The education of the attacker
B. The system configuration
C. The network architecture
D. The business strategy of the company
E. The level of access provided to employees

Correct Answer – D
Explanation – All of the answers are factors supporting the exploitation or prevention of an attack. The business strategy may provide the motivation for a potential attack, but by itself will not influence the outcome.

4. What type of attack uses a fraudulent server with a relay address?

A. NTLM
B. MITM
C. NetBIOS
D. SMB

Correct Answer – B
Explanation – MITM (Man in the Middle) attacks create a server with a relay address. It is used in SMB relay attacks.

5. What port is used to connect to the Active Directory in Windows 2000?

A. 80
B. 445
C. 139
D. 389

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Correct Answer – D
Explanation – The Active Directory Administration Tool used for a Windows 2000 LDAP client uses port 389 to connect to the Active Directory service.

6. To hide information inside a picture, what technology is used?
A. Rootkits
B. Bitmapping
C. Steganography
D. Image Rendering

Correct Answer – C
Explanation – Steganography is the right answer and can be used to hide information in pictures, music, or videos.
7. Which phase of hacking performs actual attack on a network or system?
A. Reconnaissance
B. Maintaining Access
C. Scanning
D. Gaining Access

Correct Answer – D
Explanation – In the process of hacking, actual attacks are performed when gaining access, or ownership, of the network or system. Reconnaissance and Scanning are information gathering steps to identify the best possible action for staging the attack. Maintaining access attempts to prolong the attack.
8. Attempting to gain access to a network using an employee's credentials is called the _____ mode of ethical hacking.
A. Local networking
B. Social engineering
C. Physical entry
D. Remote networking

Correct Answer – A
Explanation – Local networking uses an employee's credentials, or access rights, to gain access to the network. Physical entry uses credentials to gain access to the physical IT infrastructure.
9. Which Federal Code applies the consequences of hacking activities that disrupt subway transit systems?
A. Electronic Communications Interception of Oral Communications
B. 18 U.S.C. § 1029
C. Cyber Security Enhancement Act 2002
D. 18 U.S.C. § 1030

Correct Answer – C
Explanation – The Cyber Security Enhancement Act 2002 deals with life sentences for hackers who recklessly endanger the lives of others, specifically transportation systems.
10. Which of the following is not a typical characteristic of an ethical hacker?
A. Excellent knowledge of Windows.
B. Understands the process of exploiting network vulnerabilities.
C. Patience, persistence and perseverance.
D. Has the highest level of security for the organization.

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Correct Answer – D
Explanation – Each answer has validity as a characteristic of an ethical hacker. Though having the highest security clearance is ideal, it is not always the case in an organization.
11. What is the proper command to perform an Nmap XMAS scan every 15seconds?
A. nmap -sX -sneaky
B. nmap -sX -paranoid
C. nmap -sX -aggressive
D. nmap -sX -polite

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B

Correct Answer – A
Explanation – SX is used to identify a xmas scan, while sneaky performs scans 15 seconds apart.

12. What type of rootkit will patch, hook, or replace the version of system call in order to hide information?
A. Library level rootkits
B. Kernel level rootkits
C. System level rootkits
D. Application level rootkits

Correct Answer – A
Explanation – Library leve rootkits is the correct answer. Kerel level focuses on replaceing specific code while application level will concentrate on modifying the behavior of the application or replacing application binaries. The type, system level, does not exist for rootkits.
13. What is the purpose of a Denial of Service attack?
A. Exploit a weakness in the TCP/IP stack
B. To execute a Trojan on a system
C. To overload a system so it is no longer operational
D. To shutdown services by turning them off

Correct Answer – C
Explanation – DoS attacks force systems to stop responding by overloading the processing of the system.
14. What are some of the most common vulnerabilities that exist in a network or system?
A. Changing manufacturer, or recommended, settings of a newly installed application.
B. Additional unused features on commercial software packages.
C. Utilizing open source application code
D. Balancing security concerns with functionality and ease of use of a system.

Correct Answer – B
Explanation – Linux is an open source code and considered to have greater security than the commercial Windows environment. Balancing security. Ease of use and functionality can open vulnerabilities that already exist. Manufacturer settings, or default settings, may provide basic protection against hacking threats, but need to change to provide advance support. The unused features of application code provide an excellent opportunity to attack and cover the attack.
15. What is the sequence of a TCP connection?
A. SYN-ACK-FIN
B. SYN-SYN ACK-ACK
C. SYN-ACK
D. SYN-SYN-ACK

Correct Answer – B
Explanation – A three-handed connection of TCP will start with a SYN packet followed by a SYN-ACK packet. A final ACK packet will complete the connection.
16. What tool can be used to perform SNMP enumeration?
A. DNSlookup
B. Whois
C. Nslookup
D. IP Network Browser

Correct Answer – D
Explanation – SNMPUtil and IP Network Browser is SNMP enumeration tool
17. Which ports should be blocked to prevent null session enumeration?
A. Ports 120 and 445
B. Ports 135 and 136
C. Ports 110 and 137
D. Ports 135 and 139

Correct Answer – D

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Explanation – Port 139 is the NetBIOS Session port typically can provide large amounts of information using APIs to connect to the system. Other ports that can be blocked in 135, 137,138, and 445.

18. The first phase of hacking an IT system is compromise of which foundation of security?

A. Availability
B. Confidentiality
C. Integrity
D. Authentication

Correct Answer – B
Explanation – Reconnaissance is about gathering confidential information, such as usernames and passwords.

19. How is IP address spoofing detected?

A. Installing and configuring a IDS that can read the IP header
B. Comparing the TTL values of the actual and spoofed addresses
C. Implementing a firewall to the network
D. Identify all TCP sessions that are initiated but does not complete successfully

Correct Answer – B
Explanation – IP address spoofing is detectable by comparing TTL values of the actual and spoofed IP addresses

20. Why would a ping sweep be used?

A. To identify live systems
B. To locate live systems
C. To identify open ports
D. To locate firewalls

Correct Answer – A
Explanation – A ping sweep is intended to identify live systems. Once an active system is found on the network, other information may be distinguished, including location. Open ports and firewalls.

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ACADEMIC YEAR 22-23

IMPORTANCE OF DIGITAL SECURITY

Each question carries 1 mark

15/15

1. Which of the following tool is used for Wi-Fi hacking?
   a) Nessus
   b) Snort
   c) Wireshark
   d) Aircrack-ng

2. Which of the following is a popular IP address and port scanner?
   a) Snort
   b) Ettercap
   c) Cain and Abel
   d) Angry IP Scanner

3. Which of the following is not an example of physical data leakage?
   a) Phishing
   b) Dumpster diving
   c) Shoulder surfing
   d) Printers and photocopiers

4. What is the unauthorized movement of data?
   a) Data cracking
   b) Data infiltration
   c) Data exfiltration
   d) Database hacking

5. Which of the following is not an information source over the internet for target attackers?
   a) YouTube
   b) Whois
   c) Nslookup
   d) Archive sites

6. There are ..... types of scanning in ethical hacking and cyber-security
   a) 2
   b) 3
   c) 4
   d) 6

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7. ..... is not a valid scanning method.
   a) Null Scan
   b) Cloud scan

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c) SYN Stealth scan
d) Xmas Tree scan

8. Which of the following is the most important activity in system hacking?
a) Covering tracks
b) Escalating privileges
c) Cracking passwords
d) Information gathering

9. Which of the followings are the types of scanning?
a) Passive, active, and interactive
b) Port, network, and services
c) Server, client, and network
d) Network, vulnerability, and port

10. Which of the following database is queried by Whois?
a) ARIN
b) APNIC
c) DNS
d) ICANN

11. Which of the following is the first computer virus?
a) Creeper
b) Blaster
c) Sasser
d) None of the above

12. We should turn on ..... to protect Our Computer from hacker.
a) VLC
b) Script
c) Antivirus
d) Firewall

13. What is Code red?
a) Antivirus
b) Virus
c) Photo Editing Software
d) None of the above

14. Which of the following is also known as Malicious software?
a) Badware
b) illegalware
c) Malware
d) Maliciousware

15. What are the elements of cybersecurity?
a) Network security

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b) Operational security
c) Application security
d) All of the above

16. What are the common cyber-attacks which can be used by hackers to damage network?
a) Phishing & Password attacks
b) Malware & Malvertising
c) DDoS & Drive-by downloads
d) All of the above

17. A computer virus may be used to -
a) Corrupt data in your computer
b) Log the user's keystrokes
c) Access private data like user id and passwords
d) All of the above

18. Which of the following option is used to protect data and passwords?
a) Authorization
b) Authentication
c) Encryption
d) Non-repudiation

19. What does TCP/ IP stands for?
a) Transaction control protocol / Internal protocol
b) Transmission control protocol / Internet protocol
c) Transmission contribution protocol / Internal protocol
d) None of the above

20. Which of the following wireless protocol uses TKIP?
a) WPA
b) WEP
c) WPA2
d) WPS

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ACADEMIC YEAR 2022 – 2023

MARK LIST OF ADD-ON PROGRAM "IMPORTANCE OF DIGITAL SECURITY"

07th – 18th November 2022

NO.	NAME	MARK
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2	AGIN C S	12
3	AJESH M	12
4	AJITH A	13
5	AJOY JOHN	13
6	AKHIL K P	12
7	AKSHARA K S	13
8	ALEX VARGHESE A	14
9	AMRUTHA S	13
10	ANSADALI M	12
11	ANSIRA FATHIMA M	12
12	ANUPAMA K	14
13	APARNA A	14
14	ARIYA SIVADAS	13
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16	ASWATHY R NAIR	14
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18	BINDUJA S B	13

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26	JOMIN C JOY	12
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28	KAVYA Y K	13
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32	NIHILA M J	13
33	NIKETH P S	14
34	NIKHIL MANIKANDAN	14
35	PALLAVI P	14
36	P MALAVIEKA	13
37	PRASSY U P	14
38	RANA	13
39	RESHMA K RAMESH	13
40	RIJA R	13
41	SANDEEP K	14
42	SANDEEP S	14
43	SANDRA K	13
44	SANIKA DAS B	13

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46	SARANYA K	13
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48	S DEEPAK RADHAKRISHNAN	13
49	SHAMNA S	14
50	SHIHAM ONGALLUR	13
51	SHIMJA S	13
52	SHRUTHI S	13
53	SIDHARTH K P	14
54	SILPA C S	13
55	SNEHA C	13
56	SREEKALA P	13
57	SREESHNA U	13
58	SRUTHI T	14
59	UNNIMAYA U	12
60	VYSAKH SANKAR P M	14

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