



**KG College of Arts and Science**

**Affiliated to Bharathiar University**

**ISO 9001-2015 Certified Institution**

**KGiSL Campus, Saravanampatti, Coimbatore – 641 035**



## Criteria I

### Key Indicator – 1.2 - Academic Flexibility

**1.2.1 Number of Add on /Certificate/Value added programs offered during last year**

**1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during last year**

**2022-23 ODD SEMESTER**

## Soft Skill

### Soft Skills

Course Code : 22SSK  
hours

Duration : 30

Start Date : 14.11.2022

End Date : 17.12.2022

#### Pre-requisites :

- Basic knowledge in the English language

#### Course Description :

- Learn to communicate effectively among the students
- To present business communication and report writing skills

#### Course Objectives:

- To develop effective communication skills
- Conduct effective business correspondence and reports

#### Expected Outcome:

- To understand nuances of the communication
- Ability to develop leadership traits with critical thinking and decision making

#### Syllabus:

Team Building - Motivation-Survival of the fittest – Eagles Dare-Self-Awareness-Inner Child Healing-Self-Regulation-Social Skills-Integrity-Personality Development - Empathy - Trouble Shooting -Prioritization-Mime Presentation -Communication Skills - Leadership Traits - Roles of a Leader -Goal type Leader Behaviour -Critical Thinking & Decision Making.

#### Actual Outcome:

- Students are able to work in team effectively
- Leadership traits with critical thinking and decision making was perfected by the students.

#### Assessment Procedure :

- At the end of the semester , MCQ based assessment is conducted.

ACADEMIC YEAR 2022-2023

Name of the course : Soft Skill  
 Duration of the course : 30 Hrs  
 Start date : 14.11.2022  
 End date : 17.12.2022  
 Class : I B.A.

List of students enrolled

S. No.	Reg. No.	Name of the Student	Signature of the Student
1	2221F0498	ABINAYA	Abinaya
2	2221F0499	ADYA	Adya
3	2221F0500	AFRINSHAH	Afrinshah
4	2221F0501	ALISHA	Alisha
5	2221F0502	ASHMITHA	A. Ash
6	2221F0503	DHIVYA	K. Divya Bhakti
7	2221F0504	GOPIKA	V. Gopi
8	2221F0505	HARINI S	Harini S.
9	2221F0506	HASIKA	H. Asika
10	2221F0507	JANANI	P.P. Janani
11	2221F0508	JAYA SAROJANA S	S. Jaya Sarojana
12	2221F0509	JEBA JOSEPHINE S	J. Jeba
13	2221F0510	KAVIYA DHARSHINI P	P. Kavitha
14	2221F0511	KEERTHANA R	R. Keerthana
15	2221F0512	LAKSITAA	L. Lakshita
16	2221F0513	MOHANA D	D. Mohana
17	2221F0514	MONIKA NALLAPPAN	Monika N.
18	2221F0515	NANDHITHA	Nanditha K.
19	2221F0516	NANDHITHA A K G	A.K.G. Nanditha
20	2221F0517	NISHA	N. Nisha
21	2221F0518	PAVITHRA S	P. Pavithra
22	2221F0519	RAMESHBABU	R. Ramesh
23	2221F0520	RENOSHA	R. Renosha
24	2221F0521	SANGEETHA K	K. Sangeetha
25	2221F0522	SANIYA V	V. Sanitha
26	2221F0523	SARMILA	S. Sarmila D.

S. No.	Reg. No.	Name of the Student	Signature of the Student
27	2221F0524	SHIREYA	S. Shreya
28	2221F0525	SHUBITSHA	Shubitha
29	2221F0526	SIVARANJANI	S. Sivaranjani
30	2221F0527	SWETHA	Swetha S.
31	2221F0528	VARSHA	V. Varsha
32	2221F0529	VARSHINI	Varshini S
33	2221F0530	VASUNTHARA G	G. Vasunthara

  
 ADD-ON CO-ORDINATOR

  
 HOD



# Content Writing and Public Speaking

## CONTENT WRITING – II B.A Lit

- 1 **Grammar Refresher**
  - a. Idioms and Phrases
  - b. Sentence Formation
  - c. Common Errors in English Language
  - d. Discourse Markers/Opening Phrases.
- 2 **ICT**
  - a. Formatting
  - b. Google Advanced search
  - c. Google Scholar usage
- 3 **Introduction to Content Writing**
  - a. Essentials of good writing
  - b. Paraphrasing
  - c. Proofreading
  - d. SEO
  - e. Plagiarism
- 4 **Web content Writing**
  - a. Vision/Mission/Values
- 5 Product description writing
- 6 Blog Writing
- 7 Proposal Writing
- 8 Writing for Brochures
- 9 Writing social media posts
- 10 Caption Writing
- 11 Writing Headlines

**ACADEMIC YEAR 2022-2023**

**Name of the course** : Content Writing & public Speaking  
**Duration of the course** : 30 Hrs  
**Start date** : 14.11.2022  
**End date** : 25.02.2023  
**Class** : II B.A.

**List of students enrolled**

S. No.	Reg. No.	Name of the Student	Signature of the Student
1	2121F01	ABINAYA .J	<i>J. Abinaya</i>
2	2121F02	ABINAYA .R	<i>R. Abinaya</i>
3	2121F03	ABIRAMI S.R	<i>A. Abirami</i>
4	2121F04	AKILANDESWARI M	<i>Akilandeeswari Murugan</i>
5	2121F05	ASIS JERVIN .J	<i>Asis Jervin</i>
6	2121F06	GAYATHIRI .S	<i>G. Gayathiri</i>
7	2121F07	GOWSALYA .S	<i>G. Gowsalya</i>
8	2121F08	KALAIVANI .E	<i>Kalavani Swaran</i>
9	2121F09	KEERTHANA .G	<i>Keethan</i>
10	2121F10	LAVANYA .V	<i>V. Lavanya</i>
11	2121F11	MERCY EBNEZER .A	<i>A. Mercy ebnezer</i>
12	2121F12	MINUSHA .R	<i>Minusha . R.</i>
13	2121F13	NARAIN BALA .K	<i>N. Narain</i>
14	2121F14	PAVITHRAN M	<i>M. Pavithran</i>
15	2121F15	PRAVEEN KUMAR .S	<i>S. Praveen</i>
16	2121F16	SHWETHA . S	<i>S. Shwetha</i>
17	2121F17	SWETHA .G	<i>G. Swetha</i>
18	2121F18	VISHNU .S	<i>S. Vishnu</i>

*A. Vijay*  
 ADD-ON CO-ORDINATOR

*[Signature]*  
 HO D



# Mass Communication and Journalism

## MASS COMMUNICATION AND JOURNALISM -III B.A. LIT AND II M.A LIT

### A. Mass Communication

#### A.1. Introduction to Mass Communication

##### A.1.1 Types of Mass Communication

A.1.1.1 Electronic Media

A.1.1.2. Print Media – Magazines

A.1.1.3. Newspaper

A.1.1.4. Outdoor and Transit Media

### B. Journalism

#### B.1. Introduction to Journalism

B.1.1. Socio Economic and Political scenario

B.1.2. Indian Culture

B.1.3. Contemporary Issues

B.1.4. Evolution of Mass Media

### C. New Media Technology

C.1. Writing for Media

C.2. Current Affairs Quiz

C.3. Film Studies

C.4. Digital Media

C.5. Photography and Cartoon

C.6. Media Management

C.7. Public Relations and Corporate Communication

C.8. Advertisement

C.9. Job Prospects

### D. Assessment and Feedback

ACADEMIC YEAR 2022-2023

Name of the course : Mass communication and Journalism  
 Duration of the course : 30 Hrs  
 Start date : 17.11.2022  
 End date : 30.01.2023  
 Class : III B.A.

List of students enrolled

S. No.	Reg. No.	Name of the Student	Signature of the Student
1	2021F0674	ABIRAMI S	
2	2021F0675	AKSHAY KRISHNA	
3	2021F0676	ARCHANA S	
4	2021F0677	BEENA S B	
5	2021F0678	DHARANI M	
6	2021F0679	DHARSHINI S	
7	2021F0680	DINESH R	
8	2021F0681	DIVYABHARATHI C	
9	2021F0682	GANSIYA T	
10	2021F0683	KANISHKA B	
11	2021F0684	KAREN J GRACE	
12	2021F0685	KAVIYA S	
13	2021F0686	LJI MOL PREM P S	
14	2021F0687	MADHUMITHA D	
15	2021F0688	MAHALAKSHMI B	
16	2021F0689	PAVITHRA C	
17	2021F0690	POORNA SHWETHA P	
18	2021F0691	RAMYA SHREE M	
19	2021F0692	RIDHA M	
20	2021F0695	ROSHINI R	
21	2021F0696	RUMANA FARVEEN B	
22	2021F0697	SHAKINA S	
23	2021F0698	SHALINI BENITA S	
24	2021F0699	SHAMINIDEV D	
25	2021F0700	SHARMILA DEVI S	
26	2021F0702	SUCHITRA O J	

S. No.	Reg. No.	Name of the Student	Signature of the Student
27	2021F0703	SUHANA FATHIMA I	
28	2021F0704	THILAGAVATHY M	
29	2021F0705	THRISSA V	
30	2021F0706	VASUNDRRADEVI K	
31	2021F0707	VIDHARSANA G	
32	2021F0708	PRABAVATHI	

ADD ON CO-ORDINATOR

HOD



# Business English : Management and Leadership

## **BUSINESS ENGLISH: MANAGEMENT AND LEADERSHIP**

**Course code:** NA

**Duration:** 30 hours

**Start Date:** 09/12/2022

**End Date:** 26/12/2022

### **Pre-requisites :**

- Basic English knowledge

### **Course Description :**

- This course provides knowledge about Business English
- This course Meeting enhances Leading and Teaming management skills, Planning, Organizing, and Delegating.

### **Course Objectives :**

- To improve language skills, skills to learn and apply in Leading and Teaming.
- To summarize key pieces of information into smaller packages.
- To use key phrases and language to facilitate the coaching and mentoring process

### **Expected Outcome :**

- To improve Managing and Coaching skills through effective use of Business English

### **Assessment Procedure :**

- At the end of the course , Online Assessment is conducted to evaluate the students knowledge in Business English.

### **Syllabus:**

#### **WEEK1: Staffing and Hiring Decisions**

In this module, you'll follow Elizabeth through the process of building her team. You'll look at the way she communicates depending on the situation. From this observation, you'll be better equipped to make requests using direct and indirect approaches. by analyzing her interactions with her team, her language choices, and the communication patterns she follows. Through the discussion boards and peer reviewed assignment you will synthesize your new skills in real life conversations and activities.

#### **WEEK2 : Meeting Management**

Effective business meetings require planning, leadership, and language skills and without these skills, meetings can be unproductive or even boring. Although this module covers topics related to meeting management, it's definitely not boring because we we have Elizabeth and her team to guide us through the learning process. In this module, you'll watch and learn from Elizabeth and her team. After completing Meeting Management, you'll be able to plan and facilitate an effective meeting; summarize key points of an agenda item; and begin to develop strategies to help you to be better understood.

**WEEK3: Leading and Teaming**

Interrupt with confidence, ask for clarification and get the answer you want; hold the floor and keep it: these are some of the skills you'll learn and apply in Leading and Teaming.

**WEEK4: Planning, Organizing, and Delegating**

Keeping the business or project running as projected requires planning. This requires information to be organized in convenient packages, like status reports and emails. Planning, Organizing, and Delegating focuses on the language of both. After completing this module, you'll be able to use concise language to summarize key pieces of information into smaller packages.

**WEEK5 and WEEK 6: Managing and Coaching**

Facilitating employee success is a management skill that can be even more challenging when communicating in a second language. After completing Managing and Coaching, you'll be able to recognize the importance of active listening, use key phrases and language to facilitate the coaching and mentoring process.

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF MANAGEMENT STUDIES**  
**ACADMIC YEAR 2022-2023**


Name of the Course : Business English: Management and Leadership  
Duration of the Course : 30 Hrs  
Start Date : 09/12/22  
End Date : 26/12/22

List of students enrolled

S. No:	Reg No.	Name of the Student	Signature of the Student
1	2125F0967	AKILAN V	Akilan V
2	2125F0968	ANKITHA KUMARI M	Ankitha
3	2125F0969	ANUSHA BLASE FLAVIA P	Anusha Blase Flavia P
4	2125F0970	BALA KRISHNAN. R	Bala Krishnan R
5	2125F0971	BALACHANDRA P	Balachandra P
6	2125F0972	DHANUSHREE P	Dhanushree P
7	2125F0973	DHARSHAN D	Dharshan D
8	2125F0974	DHARSHAN M	Dharshan M
9	2125F0975	DIVYASRI M	Divyasri M
10	2125F0976	ELAIYARAJA J	Elaiyaraja J
11	2125F0977	ESAKKIRAJAN E	Esakkirajan E
12	2125F0978	GANESH M	Ganesh M
13	2125F0979	GEETHIKA G	Geethika G
14	2125F0980	GOPIKA D	Gopiika D
15	2125F0981	GOVARTHAN S	Govarthan S
16	2125F0982	GOWSIKAN B	Gowsikan B
17	2125F0983	HARIHARAN A	Hariharan A
18	2125F0984	KAVINA L	Kavina L
19	2125F0985	KAVYA ASHOK	Kavya Ashok
20	2125F0986	KEERTHANA B	Keerthana B
21	2125F0987	KIRAN	Kiran
22	2125F0988	LAKSHMANA SUBASH A	Lakshmana Subash A
23	2125F0989	LATHIKA.B	Lathika B
24	2125F0990	MADHULAJA A	Madhulaja A
25	2125F0991	MAHA SRI V	Maha Sri V
26	2125F0992	MEGA P	Mega P
27	2125F0993	H FAIZAN SAIT	H Faizan Sait
28	2125F0994	MOUNIKA M	Mounika M
29	2125F0995	MUKHIL VENDHAN M	Mukhil Vendhan M
30	2125F0996	MYTHILI P	Mythili P
31	2125F0997	PASUMPON J	Pasumpon J
32	2125F0998	PRAMODH N	Pramodh N
33	2125F0999	RAJASINGH J	Rajasinh J
34	2125F1001	ROSHAN A	Roshan A

S. No:	Reg No.	Name of the Student	Signature of the Student
35	2125F1002	SAJITHA. S	Sajitha S
36	2125F1003	SAM EPHIRAIM	Sam Ephiraim
37	2125F1004	SATHISH KUMAR M	Sathish Kumar M
38	2125F1005	SATHYA S	Sathya S
39	2125F1006	SRIBALU V	Sribalu V
40	2125F1007	SRUTILAYA. T	Srutilaya T
41	2125F1008	SUMAN MANDAL	Suman Mandal
42	2125F1009	UDHAYAKEERTHI M	Udhayakeerthi M
43	2125F1010	VIVEKANANDHAN P	Vivekanandhan P

  
Coordinator

  
HoD



# ASU ARIZONA STATE UNIVERSITY

COURSE  
CERTIFICATE

Dec 11, 2022

Ankitha kumari M

has successfully completed

**Business English: Management and Leadership**

an online non-credit course authorized by Arizona State University and offered through Coursera



*Wanda Huber, Andrea Haraway, Jenny Young*

Wanda Huber | Andrea Haraway | Jenny Young  
International Educators  
Arizona State University Global Launch

Verify at:  
<https://coursera.org/verify/ZFYD18KX1301>  
Coursera has confirmed the identity of this individual and their participation in the course.

# Business English : Planning and Negotiating

## BUSINESS ENGLISH: MANAGEMENT AND LEADERSHIP

Course code: NA

Duration: 30 hours

Start Date: 09/12/2022

End Date: 26/12/2022

### Pre-requisites :

- Basic English knowledge

### Course Description :

- This course provides knowledge about Business English
- This course Meeting enhances Leading and Teaming management skills, Planning, Organizing, and Delegating.

### Course Objectives :

- To improve language skills, skills to learn and apply in Leading and Teaming.
- To summarize key pieces of information into smaller packages.
- To use key phrases and language to facilitate the coaching and mentoring process

### Expected Outcome :

- To improve Managing and Coaching skills through effective use of Business English

### Assessment Procedure :

- At the end of the course , Online Assessment is conducted to evaluate the students knowledge in Business English.

### Syllabus:

#### WEEK1: Staffing and Hiring Decisions

In this module, you'll follow Elizabeth through the process of building her team. You'll look at the way she communicates depending on the situation. From this observation, you'll be better equipped to make requests using direct and indirect approaches, by analyzing her interactions with her team, her language choices, and the communication patterns she follows. Through the discussion boards and peer reviewed assignment you will synthesize your new skills in real life conversations and activities.

#### WEEK2 : Meeting Management

Effective business meetings require planning, leadership, and language skills and without these skills, meetings can be unproductive or even boring. Although this module covers topics related to meeting management, it's definitely not boring because we have Elizabeth and her team to guide us through the learning process. In this module, you'll watch

and learn from Elizabeth and her team. After completing Meeting Management, you'll be able to plan and facilitate an effective meeting; summarize key points of an agenda item; and begin to develop strategies to help you to be better understood.

#### WEEK3: Leading and Teaming

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Keeping the business or project running as projected requires planning. This requires information to be organized in convenient packages, like status reports and emails. Planning, Organizing, and Delegating focuses on the language of both. After completing this module, you'll be able to use concise language to summarize key pieces of information into smaller packages.

#### WEEK5 and WEEK 6:Managing and Coaching

Facilitating employee success is a management skill that can be even more challenging when communicating in a second language. After completing Managing and Coaching, you'll be able to recognize the importance of active listening, use key phrases and language to facilitate the coaching and mentoring process.

## ACADEMIC YEAR 2022-2023

Name of the course : Business English: Management and Leadership  
 Duration of the course : 30 Hrs  
 Start date : 09/12/2022  
 End date : 26/12/2022  
 Class : H B.B.A CA

## List of students enrolled

S.No	Register No.	Name of the student	Signature of the Student
1	2125G0332	AISHWARYA R	Aishwarya R
2	2125G0333	AKASH M	m. Akash
3	2125G0334	ANAND RAO V	Anand Rao V
4	2125G0335	ANGELIN PRICILLA A	Angelin Pricilla A.
5	2125G0336	BRITNI HEARTINA YESMIN A	Britni Heartina Yesmin A
6	2125G0337	DHAMODHARAN S	Dhamodharan S
7	2125G0338	DHARANIISH M	Dharaniish M
8	2125G0339	GAJENDRA SINGH SOLANKI L	Gajendra Singh Solanki L
9	2125G0340	GOKULRAJ S	Gokulraj S
10	2125G0341	HINDUJA S	Hinduja S
11	2125G0342	INITHA SHREE B C	Initha Shree B C
12	2125G0343	IRFAN M	Irfan M
13	2125G0344	JERIN K B	Jerin K B
14	2125G0345	JEYA GANESH S	Jeya Ganesh S
15	2125G0346	KALIYAMMAL S	Kaliyammal S
16	2125G0347	KARTHICK S	Karthick S
17	2125G0348	KAVIN M	Kavin M
18	2125G0349	KAVIYA P	Kaviya P

S.No	Register No.	Name of the student	Signature of the Student
19	2125G0350	KEERTHANA S D	
20	2125G0351	LAGHAAN K	
21	2125G0352	LAWRANCE STEPHENRAJ M	
22	2125G0353	MAC DARREN J	
23	2125G0354	MANOJ M	
24	2125G0355	MOHAMMED JUNAIZ A	
25	2125G0357	NITHYA S	
26	2125G0358	PANDIEESWARAN S	
27	2125G0359	PRADEEP M	
28	2125G0360	PRADHUNMON U	
29	2125G0361	ROHITH T	
30	2125G0362	SANGEETHA E	
31	2125G0363	SATHISH T	
32	2125G0364	SELVA GOMATHI S	
33	2125G0365	SHAHID REYAN A M	
34	2125G0366	SHARAVANAN G	
35	2125G0367	SREE VARSHA M	
36	2125G0369	THARUN C S	
37	2125G0370	VAISHNAVI S	
38	2125G0371	VARSHINI G	
39	2125G0372	VARUN KARTHIKEYAN D	
40	2125G0373	VIGNESH S	



Dec 30, 2022

**Sree varsha M**

has successfully completed

**Business English: Management and Leadership**

an online non-credit course authorized by Arizona State University and offered through  
Coursera



*Wanda Huber*

Wanda Huber (Andrea Harrison) / Senior Director  
International Education  
Arizona State University Global Launch

Verify at:  
<https://coursera.org/verify/W877X8Y8T8XM>  
Coursera has confirmed the identity of this individual and their  
participation in the course.

# Tally Prime with GST Practitioner



MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES  
GOVERNMENT OF INDIA



**MSME TECHNOLOGY DEVELOPMENT CENTRE, CHENNAI (CFTD)**

## **SYLLABUS FOR GST PRACTITIONER**

**Duration : 30 Hours (12H – Theory and 18Hrs Practical )**

DAY 1	THEORY SESSION	GST – Introduction, GST Registration Process, Tax Laws before GST, Tax rates under GST, CGST, SGST and IGST.
DAY 2	COMPUTERISED ACCOUNTING SYSTEMS	Ledger Configuration and Inventory Configuration for Purchase and Sales Invoice and Service Charge Bills and Other Invoicing Method using in TALLY ERP9
DAY 3	OFFLINE PRACTICAL SESSION	Invoicing under GST, Individual GST Filing, and GST Return Filing Forms,
DAY 4	OFFLINE PRACTICAL SESSION	GSTR1, GSTR2, GSTR3, and GSTR4, Different types of Supply, GST Accounts and Record..
DAY 5	ONLINE PRACTICAL SESSION	Input Tax Credit, E-way bill under GST, Debit-Credit note under GST, Tax Refund under GST.

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF MANAGEMENT STUDIES -B.B.A**  
**ACADEMIC YEAR 2022-2023**

Name of the course : **Talks Prime with GST Practitioner**  
 Duration of the course : **30 HRS**  
 Start date : **20/09/2022**  
 End date : **15/10/2022**  
 Class : **III B.B.A**

**List of students enrolled**







S.No	Reg No	Name of the Student	Signature of the Student
1	2025F0722	ARAVIND M	<i>Aravind M</i>
2	2025F0723	ASHOK N	<i>A. Ashok</i>
3	2025F0725	BANU B	<i>Banu B</i>
4	2025F0725	BHARATH S	<i>S. Bharath</i>
5	2025F0728	DIVYA A	<i>A. Divya</i>
6	2025F0729	ELAKIYA P	<i>P. Elakiya</i>
7	2025F0730	GANESH KUMAR V	<i>V. Ganesh Kumar</i>
8	2025F0731	GAYATHRI B	<i>B. Gayathri</i>
9	2025F0733	HARSHINI PRIYA S	<i>S. Harshini Priya</i>
10	2025F0734	JAYA LAKSHMI B	<i>B. Jaya Lakshmi</i>
11	2025F0737	KAVIN D	<i>D. Kavitha</i>
12	2025F0740	KEERTHY S	<i>S. Keerthy</i>
13	2025F0741	KOWSHIK RAJ R	<i>R. Kowshik Raj</i>
14	2025F0742	KRISHANG V	<i>V. Krishang</i>
15	2025F0744	LOKESH R	<i>R. Lokesh</i>
16	2025F0746	NIRANJAN B	<i>B. Niranjana</i>
17	2025F0747	NISHA M	<i>M. Nisha</i>
18	2025F0751	RESHMA M S	<i>S. Reshma</i>
19	2025F0752	SAKTHEESWAR A	<i>A. Saktheeswar</i>

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF MANAGEMENT STUDIES –B.B.A**  
**ACADEMIC YEAR 2022-2023**

**Name of the course** : Tally Prime with GST Practitioner  
**Duration of the course** : 30 HRS  
**Start date** : 20/09/2022  
**End date** : 15/10/2022  
**Class** : III B.B.A

**Attendance**

S.No	Reg No	Name of the Student	29/09/22	30/09/22	01/10/22	02/10/22	03/10/22	04/10/22	05/10/22	06/10/22	07/10/22	08/10/22	09/10/22	10/10/22	11/10/22	12/10/22	13/10/22	14/10/22	15/10/22	
1	2025F0722	ARAVIND M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	2025F0723	ASHOK N	P	A	P	P	P	P	P	P	P	P	P	P	A	P				
3	2025F0725	BANU B	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
4	2025F0725	BHARATH S	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
5	2025F0728	DIVYA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
6	2025F0729	ELAKIYA P	P	P	P	P	P	A	P	P	P	P	P	P	P					
7	2025F0730	GANESH KUMAR V	P	P	P	P	P	P	P	P	P	P	P	P	P					
8	2025F0731	GAYATHRI B	P	P	A	A	A	P	P	P	P	P	P	P	P					
9	2025F0733	HARSHINI PRIYA S	P	P	P	P	A	P	P	P	P	P	P	P	P					
10	2025F0734	JAYA LAKSHMI B	P	P	P	P	P	P	P	P	P	P	P	P	P	A				
11	2025F0737	KAVIN D	P	P	P	P	P	P	P	P	P	P	P	P	P					
12	2025F0740	KEERTHY S	P	P	P	P	P	P	P	P	A	P	P							
13	2025F0741	KOWSHIK RAJ R	P	P	P	P	A	P	P	P	P	P	P	P	P					
14	2025F0742	KRISHANG V	P	P	P	P	P	P	P	P	P	P	P	P	P					
15	2025F0744	LOKESH R	P	P	P	P	P	P	P	P	P	P	P	P	P					
16	2025F0746	NIRANJAN B	P	P	P	P	P	P	P	P	P	P	P	P	P					
17	2025F0747	NISHA M	P	P	A	P	P	P	P	P	P	P	P	P	A					
18	2025F0751	RESHMA M S	P	P	P	P	P	P	P	P	P	P	P	P	P					
19	2025F0752	SAKTHEESWAR A	P	P	P	P	P	P	P	P	A	P	P							
20	2025F0753	SALIDHARAN K	P	P	P	P	P	P	P	P	P	P	P	P	P					

21	2025F0755	SARAN KUMAR M	P	A	P	P	P	P	P	P	P	P	A							
22	2025F0757	SATHIYA PRAKASH P	P	P	A	P	P	P	P	P	P	P	P							
23	2025F0762	SREE LAL P	P	P	P	P	P	P	P	P	P	P	P							
24	2025F0763	SRIDHAR M	P	P	P	P	P	A	A	A	A	A	A							
25	2025F0766	SUGITHA T	P	P	P	P	P	P	P	P	P	P	P							
26	2025F0768	THRISHA R L	P	A	A	A	P	P	P	P	P	P	P							
27	2025F0771	YOGARATHI D	P	P	P	A	P	P	P	P	P	P	P							
28	2025F6506	GUNAVATHY G	P	P	A	P	A	P	P	P	P	P	A							
<b>No of Students Present</b>			<b>28</b>	<b>25</b>	<b>23</b>	<b>25</b>	<b>24</b>	<b>26</b>	<b>27</b>	<b>25</b>	<b>26</b>	<b>23</b>								
<b>No of Students Absent</b>			-	<b>3</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>5</b>								
<b>Signature of the coordinator</b>																				



PD/2022-23/4947

**Government of India**

(Autonomous)

**Ministry of Micro, Small & Medium Enterprises**

**MSME - TECHNOLOGY DEVELOPMENT CENTRE, CHENNAI (CFTI)**

## Certificate

*This is to certify that*



**BANU B**

a student of **KG College of Arts and Science, Coimbatore**

has successfully completed training on

**GST PRACTITIONER**

Conducted from 11.10.2022 to 15.10.2022

  
DEPUTY DIRECTOR

  
DIRECTOR

# SAP Financial Accounting and Controlling (FICO)

RG COLLEGE OF ARTS AND SCIENCE

Department of Commerce CA

Academic Year:2022-2023(ODD)

Course Title: Systems, Applications & Products in Data Processing

Duration:44 hrs

Class:III B,Com CA A&B

Start Date:22/08/22

End Date :28/10/22

## UNIT -1 CORE FINANCIAL ACCOUNTING (FI) CONFIGURATION

- 1 Managing Organization Units in Financial Accounting
  - a Create Company Code
  - b Assign a Company ID to the Company Code
  - c Assign a Company Code to Controlling Area
- 2 Checking the Basic Setting in New General Ledger G/L Accounting
- 3 Check the Basic Setting in New GL Accounting
- 4 Outlining the Variant Principal
- 5 Managing the Fiscal Year Variant
  - a Create and Maintain Fiscal Year Variant
- 6 Identify the Basic Functionality of Currency Keys and Exchange Rate types

## UNIT -2 MASTER DATA

- 1 Maintain General Ledger (GL)Accounts
  - a Create Account Group for GL Accounts
- 2 Create Profit Center and Segments
  - a Create Profit Centers, Cost Centers, and Segments
- 3 Managing Customer and Vendor Accounts
  - a Create Account Groups and Maintain Customer or Vendor Accounts
- 4 Maintain Field Status Configuration
- 5 Define Sensitive Fields

Week - 2 [ 22nd Aug to 26th Aug ]

## UNIT -3 DOCUMENT CONTROL

- 1 Configuring the Header and Line Items of Financial Accounting (fi) Documents
  - a Create Number Ranges and Document Types
  - b Classify the Document Types for Document Splitting
  - c Create Field Status Group and Assign it to G/L Account
- 2 Managing Posting Period
  - a Create and Maintain Posting Period Variant
- 3 Managing Posting Authorizations
  - a Create a Tolerance Group and Assign it to a User
- 4 Creating Simple Document in FI
  - a Post FI Document

## UNIT -4 POSTING CONTROL

- 1 Analysing Document Splitting
  - a Post a Document With Document Splitting
- 2 Maintain Default Values
  - a Maintain Default Values
- 3 Configuring Change Control
  - a Maintain the Change Control for a Field
- 4 Configuring Document Reversal

- a Post a Document Reversal
- 5 Configuring Payment Terms and Cash Discount
- a Maintain Terms of Payment
- 6 Maintaining Taxes and Tax Codes
- a Create a Tax Code and Post a Customer Invoice
- 7 Posting Cross Company Code Transaction
- a Configure Cross Company Code Transaction
- b Post and Display Cross Company Code Transaction
- 8 Configuring Real Time Integration
- a Configuring Real Time Integration Variant and Assign it to a Company Code
- 9 Enter a Cost Center a Reposting

Week - 3 [ 29th Aug to 02nd Sep ]

**UNIT -5 FINANCIAL DOCUMENT CLEARING**

- 1 Performing Open Item Clearing
  - a Clear on Account
  - b Post With Clearing
- 2 Managing Payment Differences
  - a Managing Payment Differences
- 3 Managing Exchange Rate Differences

**UNIT -6 SAP SIMPLE FINANCE ADD-ON FOR SAP BUSINESS SUITE  
POWERED BY SAP HANA**

- 1 Outlining the Benefits of the SAP Simple Finance Add-on

TFIN50 -  
PART-2

**UNIT -1 AUTOMATIC PAYMENTS**

- 1 Executing an Automatic Payment Run
- 2 Using Bank Accounts
  - a Define a House Bank
- 3 Modifying Master Records and Financial Accounting Documents
  - a Modify Vendor Master Record
  - b Enter Invoices for Automatic Payment
- 4 Implementing SEPA Mandate

- a Create and Display a SEPA Mandate
- 5 Configuring the Payment Program
- a Configuring the Payment Program
- 6 Configuration the Bank Selection
- a Configuration the Bank Selection
- 7 Running the Payment Program
- a Running the Payment Program
- 8 Executing a Payment Run
- a Execute a Payment Run
- 9 Automating a Payment Run

#### UNIT -2 **THE DUNNING PROGRAM**

- 1 Execution the Dunning Program
- 2 Updating the MAster Records and Financial Accounting Documents
- a Modify a Customer Master Record
- b Modify Financial Accounting Documents for the Dunning Program
- 3 Configuring theDunning Programing
- a Set up a New Dunning Procedure
- 4 Running the Dunning Program
- a Modify Dunning Program Parameters
- b Execute a Dunning Run
- c Edit a Dunning Proposal List
- d Print a Dunning Notice

Week - 4 [ 5th Sep to 09th Sep ]

#### UNIT -3 **CORRESPONDENCE**

- 1 Explaining Correspondence
- 2 Modifying Master Records
- 3 Configuring Options for Correspondence Types
- 4 Creating a Correspondence
- a Create a Correspondence

#### UNIT -4 **ACCOUNT APPROACH**

- 1 Outlining the Accounts Approach
- a Create Sample Accounts for the Accounts
- 2 Approach and Change Financial Statement Version
- 3 Processing Manual Posting in the Account Approach
- a Post Provision Using the Accounts Approach

**UNIT -5** **LEDGER APPROACH (WITH NEW GENERAL LEDGER ACCOUNTING )**

- 1 Outlining the Ledger Approach
- a Post a Document Without Valuation Differences
- b Check General Setting of the Ledger Approach
- 2 Processing Manual Posting in the Ledger Approach
- 3 Post Provisions Using the Ledger Approach

**UNIT -6** **FINANCIAL CLOSING OVERVIEW AND BASIC SETTING**

- 1 Explaining the Periodic Closing Process

**UNIT -7** **FINANCIAL STATEMENTS**

- 1 Managing Financial Statements
- a Create Financial Statements
- 2 Executing Drilldown Reports
- a Execute Drilldown Reports

**UNIT -8** **RECEIVABLES AND PAYABLES**

- 1 Creating Balance Confirmations
- a Create Balance Confirmation
- 2 Managing the Foreign Currency Valuation of Open Items
- a Manage the Foreign Currency Valuation of Open Items
- 3 Managing Value Adjustments
- a Execute a Flat-Rate Individual Value Adjustment
- 4 Regrouping Receivables and Payables
- a Regroup Receivables According to Their Remaining Life

**Week - 5 [ 12th Sep to 16th Sep ]**

**UNIT -9** **ACCURALS AND DEFERRALS**

- 1 Posting Accruals and Deferrals
- a Posting Accruals

**UNIT -10** **TECHNICAL, ORGANIZATIONAL AND DOCUMENTARY CLOSING ACTIVITIES**

- 1 Managing Technical Steps During The Period -End Closing Activities

- 2 Executing the Balance Audit Trail
- a Execute the Balance Audit Reports
- 3 Posting Ledger Group Specific FI Documents
- a Ledger Group Posting

TFIN-52  
PART-1

#### UNIT-1 ORGANIZATION STRUCTURES

- 1 Assign a Chart of Accounts a Chart of Depreciation to a Company Code
- a Assign a Chart of Depreciation to a Company code
- 2 Assign Management Accounting Objects to Fixed Assets
- 3 Define How Depreciation Areas Post to the General Ledger (G/L)
- a Define Depreciation Areas and Post Values to the General Ledger (G/L)
- 4 Understanding the Importance of Assets Classes in Fixed Assets

#### UNIT-2 MASTER DATA

- 1 Explain the Components of an Asset Class
- a Use Number Assignment for FI-AA
- b Use Account Determination
- c Maintain the Screen Layout of Asset Master Data
- d Maintain the Screen Layout of Asset Depreciation Areas
- e Copy Asset Classes From Reference
- f Display Asset Classes 4000
- e Manage Asset Classes for LVA
- 2 Creating and Changing Master Data in Asset Accounting
- a Create Asset Master Records
- b Maintain Time - Dependent Data
- 3 Carry Out Mass Changes to Asset Master Data Using a Worklist
- a Define the User Fields and Mass Changes of Asset Master Records

Week - 6 [ 19th Sep to 23rd Sep ]

#### UNIT-3 ASSET TRANSACTION

- 1 Creating Acquisitions
- a Post an Integrated Asset Acquisition and Analyze the Asset Value in the Asset Explore
- 2 Posting Asset Acquisition With the Profit enter and Segment Characteristics
- a Create a Fixed Asset and post Acquisition
- b Fill Master Data for Segment and Profit Center Reporting
- 3 Posting Non-Integration Asset Acquisitions and Understanding the Integration

- with Material Management (MM)
- a Make Various Non - Integrated Asset Acquisition Posting
- b Make Postings Integrated With Materials Management
- 4 Posting Integrated and Non-Integrated Asset Retirements
- a Post Integrated Asset Retirement with Accounts Receivables (AR)
- 5 Performing Transfers Within Company Codes and Intercompany Asset Transfers
- a Transfer Assets Within Company Code
- b Post Inter Company Asset Transactions (Within One Company)
- c Post Intercompany Asset Transfer (Across Company Boundaries)
- 6 Representing Distributing and Setting Assets Under Construction
- a Create and Post to an Asset Under Construction (AUC) and Settle it to Completed Assets
- 7 Entering and Analyzing Unplanned Depreciation
- a Post Unplanned Depreciation

**Week - 7 [ 26th Sep to 30th Sep ]**

**UNIT-4 PERODICE PROCESSING AND VALUATION**

- 1 Defining Depreciation Areas, Keys, Calculation, and Posting
- a Analyze Depreciation Areas
- b Understand and Maintain Depreciation Keys
- c Maintain Time-Dependent Depreciation Parameters
- d Analyze Cost-Accounting Depreciation Area
- e Execute and Analyze the Depreciation Run
- 2 Executing Programs for Fiscal Year Change and Year-End Closing in Asset Accounting
- a Execute Year-End Closing in Asset Accounting (FI- AA)
- 3 Using the Accounts Approach for Parallel Accounting in Asset Accounting (FI-AA)
- a Manage Parallel Accounting in FI-AA
- 4 Processing Impairment Postings in Subledger Assets

**UNIT-5 Information System**

- 1 Executing Various Asset Accounting Reports Using SAP List Viewer and Sort Variants
- a Analyze the Asset Portfolio
- 2 Executing Depreciation and Transaction Simulation
- a Forecast Future Depreciation Amounts
- 3 Understanding the Layout of an Asset History Sheet
- a Execute the Asset History Sheet

**UNIT-6 Standard Reports in Financial and Management Accounting**

- 1 Using the Information Systems
- a Execute Standard Reports
- 2 Using Report Variants and Variables
- a Create Report Variants and Use Report Variables

#### **UNIT-7 SAP List Viewer**

- 1 Using the SAP List Viewer
- a Sort, Subtotal, and Filter G/L Line Items Lists
- 2 Editing a Display Variant
- a Execute an SAP List Viewer Report and Modify the Layout
- 3 Using Additional Selection Criteria in Financial (FI) Reports
- a Use Additional Selection Options in FI Line Item Reports

**Week - 8 [ 03rd Oct to 07th Oct ]**

#### **UNIT-8 Drilldown Reporting**

- 1 Introducing Drilldown Reports
- 2 Navigating in Classic Drilldown Reports
- a Navigate in a Classic Drilldown Report
- 3 Navigating in Graphical Drilldown Reports
- a Execute Balance Sheet and Profit and Loss Statement Reports
- 4 Optimizing Report Execution
- a Execute a Report in the Background to Create an Extract
- 5 Creating a Basic Drilldown Report
- a Create a Basic Drilldown Report
- b Create a Single Axis with a Key Figure Report
- 6 Using Variables with Drilldown Reports
- a Create a Drilldown Report with Global Variables
- b Create a Drilldown Report with Local Variables
- 7 Exporting Data
- 8 Adding Calculations to Drilldown Reports
- a Add Calculations to a Drilldown Reports
- 9 Using Key Figure Schemes and Characteristic Hierarchies in Profitability Analysis Reporting Profitability Analysis Reporting
- a Use Key Figure Schemes and Characteristic Hierarchies in a Report
- 10 Connecting Drilldown Reports
- a Connect a Report and Test the Connection

**UNIT-1 Special General Ledger Transactions**

- 1 Managing the Application View for Special General Ledger Transactions
  - a Enter a Guarantee Made
  - b Post a Down Payment Request, a Received Down Payment, and a Customer Invoice, and Perform Clearing
  - c Post a Customer Invoice and Enter an Individual Value Adjustment
- 2 Maintaining Special General Ledger Transactions
  - a Configure Special G/L Transactions
- 3 Understanding Purchasing (MM Integration)
  - a Perform an Integrated Down Payment Process
- 4 Understanding Sales and Distribution Integration

**UNIT-2 Parking Documents**

- 1 Managing Document Parking (Basics) and Hold Documents
  - a Hold and Park Documents
- 2 Processing Parked Documents
  - a Process Parked Documents
- 3 Managing Document Parking and Workflow
  - a Enter a Financial Document Using Document Parking and Workflow

Week - 9 [ 10th Oct to 14th Oct ]

**UNIT-3 Validations and Substitutions**

- 1 Understanding the Basics of Validation and Substitution
- 2 Maintaining and Executing Validations
  - a Create and Execute a Validation for Line Item
- 3 Maintaining and Executing Substitutions
  - a Create and Execute a Substitution for Line Item
- 4 Using Additional Techniques for Substitutions and Validations
  - a Use Rules and Sets to Create a Substitution

**UNIT-4 Data Archiving in FI**

- 1 Outlining the Basics and Classifications of Data Archiving
- 2 Maintaining Data Archiving
  - a Maintain FI Customizing Basics for Archiving
- 3 Executing Data Archiving for Exemplary FI Objects
  - a Archive Financial Documents
  - b Archive G/L Account Transaction Figures
  - c Archive G/L Account Master Record

**UNIT-5 Document Splitting**

- 1 Outlining the Basics and Classifications of Data Archiving
- 2 Maintaining Data Archiving
- a Maintain FI Customizing Basics for Archiving
- 3 Executing Data Archiving for Exemplary FI Objects
- a Archive Financial Documents
- b Archive G/L Account Transaction Figures
- c Archive G/L Account Master Record

**UNIT-6 New Asset Accounting**

- 1 Explaining the Functionality and Architecture of New Asset Accounting
- 2 Configuring New Asset Accounting
- 3 Using New Asset Accounting
- a Create an Asset
- b Post an Integrated Asset Acquisition
- c Post Partial Scrapping to a Single Accounting Principle
- d Execute a Depreciation Posting Run in Test Mode
- e Analyze Assets in the Asset Explorer
- 4 Migrating from Classic General Ledger Accounting to New General Ledger Accounting

**UNIT -1 CORE FINANCIAL ACCOUNTING (FI) CONFIGURATION**

- 1 Managing Organization Units in Financial Accounting
- a Create Company Code
- b Assign a Company ID to the Company Code
- c Assign a Company Code to Controlling Area
- 2 Checking the Basic Setting in New General Ledger G/L Accounting
- 3 Check the Basic Setting in New GL Accounting
- 4 Outlining the Variant Principal
- 5 Managing the Fiscal Year Variant
- a Create and Maintain Fiscal Year Variant
- 6 Identify the Basic Functionality of Currency Keys and Exchange Rate types

**UNIT -2 MASTER DATA**

- 1 Maintain General Ledger (GL)Accounts
- a Create Account Group for GL Accounts
- 2 Create Profit Center and Segments
- a Create Profit Centers, Cost Centers, and Segments
- 3 Managing Customer and Vendor Accounts
- a Create Account Groups and Maintain Customer or Vendor Accounts

- 4 Maintain Field Status Configuration
- 5 Define Sensitive Fields

### UNIT -3 DOCUMENT CONTROL

- 1 Configuring the Header and Line Items of Financial Accounting (fi) Documents
  - a Create Number Ranges and Document Types
  - b Classify the Document Types for Document Splitting
  - c Create Field Status Group and Assign it to G/L Account
- 2 Managing Posting Period
  - a Create and Maintain Posting Period Variant
- 3 Managing Posting Authorizations
  - a Create a Tolerance Group and Assign it to a User
- 4 Creating Simple Document in FI
  - a Post FI Document

### UNIT -4 POSTING CONTROL

- 1 Analysing Document Splitting
  - a Post a Document With Document Splitting
- 2 Maintain Default Values
  - a Maintain Default Values
- 3 Configuring Change Control
  - a Maintain the Change Control for a Field
- 4 Configuring Document Reversal
  - a Post a Document Reversal
- 5 Configuring Payment Terms and Cash Discount
  - a Maintain Terms of Payment
- 6 Maintaining Taxes and Tax Codes
  - a Create a Tax Code and Post a Customer Invoice
- 7 Posting Cross Company Code Transaction
  - a Configure Cross Company Code Transaction
  - b Post and Display Cross Company Code Transaction
- 8 Configuring Real Time Integration
  - a Configuring Real Time Integration Variant and Assign it to a Company Code
- 9 Enter a Cost Center and Reposting

### UNIT -5 FINANCIAL DOCUMENT CLEARING

- 1 Performing Open Item Clearing
  - a Clear on Account
  - b Post With Clearing
- 2 Managing Payment Differences

- a Managing Payment Differences
- 3 Managing Exchange Rate Differences

UNIT -6 SAP SIMPLE FINANCE ADD-ON FOR SAP BUSINESS SUITE POWER BY SAP HANA

1 Outlining the BENefits of the SAP Simple Finance Add-on  
UNIT -1 AUTOMATIC PAYMENTS

- 1 Executing an Automatic Payment Run
- 2 Using Bank Accounts
  - a Define a House Bank
- 3 Modifying Master Records and Financial Accounting Documents
  - a Modify Vendor Master Record
  - b Enter Invoices for Automatic Payment
- 4 Implementing SEPA Mandate
  - a Create and Display a SEPA Mandate
- 5 Configuring the Payment Program
  - a Configuring the Payment Program
- 6 Configuration the Bank Selection
  - a Configuration the Bank Selection
- 7 Running the Payment Program
  - a Running the Payment Program
- 8 Executing a Payment Run
  - a Execute a Payment Run
- 9 Automating a Payment Run

UNIT -2 THE DUNNING PROGRAM

- 1 Execution the Dunning Program
- 2 Updating the MASTER Records and Financial Accounting Documents
  - a Modify a Customer Master Record
  - b Modify Financial Accounting Documents for the Dunning Program
- 3 Configuring theDunning Programing
  - a Set up a New Dunning Procedure
- 4 Running the Dunning Program
  - a Modify Dunning Program Parameters
  - b Execute a Dunning Run
  - c Edit a Dunning Proposal List
  - d Print a Dunning Notice

UNIT -3 CORRESPONDENCE

- 1 Explaining Correspondence
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- 1 Outlining the Accounts Approach
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- 1 Explaining the Periodic Closing Process

UNIT -7 FINANCIAL STATEMENTS

- 1 Managing Financial Statements
- a Create Financial Statements
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UNIT -8 RECEIVABLES AND PAYBLES

- 1 Creating Balance Confirmations
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- 2 Managing the Foreign Currency Valuation of Open Items
- a Manage the Foreign Currency Valuation of Open Items
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- a Execute a Flat-Rate Individual Value Adjustment

- 4 Regrouping Receivables and Payables
- a Regroup Receivables According to Their Remaining Life

UNIT -9 ACCURAL AND DEFERRALS

- 1 Posting Accruals and Deferrals
- a Posting Accruals

UNIT -10 TECHNICAL, ORGANIZATIONAL AND DOCUMENTARY CLOSING ACTIVITIES

- 1 Managing Technical Steps During The Period -End Closing Activities
- 2 Executing the Balance Audit Trail
- a Execute the Balance Audit Reports
- 3 Posting Ledger Group Specific FI Documents
- a Ledger Group Posting

UNIT-1 ORGANIZATION STRUCTURES

- 1 Assign a Chart of Accounts a Chart of Depreciation to a Company Code
- a Assign a Chart of Depreciation to a Company code
- 2 Assign Management Accounting Objects to Fixed Assets
- 3 Define How Depreciation Areas Post to the General Ledger (G/L)
- a Define Depreciation Areas and Post Values to the General Ledger (G/L)
- 4 Understanding the Importance of Assets Classes in Fixed Assets

UNIT-2 MASTER DATA

- 1 Explain the Components of an Asset Class
- a Use Number Assignment for FI-AA
- b Use Account Determination
- c Maintain the Screen Layout of Asset Master Data
- d Maintain the Screen Layout of Asset Depreciation Areas
- e Copy Asset Classes From Reference
- f Display Asset Classes 4000
- e Manage Asset Classes for LVA
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- a Create Asset Master Records
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- a Define the User Fields and Mass Changes of Asset Master Records

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- 1 Creating Acquisitions
  - a Post an Integrated Asset Acquisition and Analyze the Asset Value in the Asset Explore
- 2 Posting Asset Acquisition With the Profit enter and Segnment Characteristics
  - a Create a Fixed Asset and post Acquisition
  - b Fill Master Data for Segnment and Profit Center Reporting
- 3 Posting Non-Integration Asset Acquisitions and Understanding the Integration with Material Management (MM)
  - a Make Various Non - Integrated Asset Acquisition Posting
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- 7 Entering and Analyzing Unplanned Depreciation
  - a Post Unplanned Depreciation

#### UNIT-4 PERODICE PROCESSING AND VALUATION

- 1 Defining Depreciation Areas, Keys, Calculation, and Posting
  - a Analyze Depreciation Areas
  - b Understand and Maintain Depreciation Keys
  - c Maintain Time-Dependent Depreciation Parameters
  - d Analyze Cost-Accounting Depreciation Area
  - e Execute and Analyze the Depreciation Run
- 2 Executing Programs for Fiscal Year Change and Year-End Closing in Asset Accounting
  - a Execute Year-End Closing in Asset Accounting (FI- AA)
- 3 Using the Accounts Approach for Parallel Accounting in Asset Accounting (FI-AA)
  - a Manage Parallel Accounting in FI-AA
- 4 Processing Impairment Postings in Subledger Assets

#### UNIT-5 Information System

- 1 Executing Various Asset Accounting Reports Using SAP List Viewer and Sort Variants
  - a Analyze the Asset Portfolio
- 2 Executing Depreciation and Transaction Simulation

- a Forecast Future Depreciation Amounts
- 3 Understanding the Layout of an Asset History Sheet
- a Execute the Asset History Sheet

**UNIT-6 Standard Reports in Financial and Management Accounting**

- 1 Using the Information Systems
- a Execute Standard Reports
- 2 Using Report Variants and Variables
- a Create Report Variants and Use Report Variables

**UNIT-7 SAP List Viewer**

- 1 Using the SAP List Viewer
- a Sort, Subtotal, and Filter G/L Line Items Lists
- 2 Editing a Display Variant
- a Execute an SAP List Viewer Report and Modify the Layout
- 3 Using Additional Selection Criteria in Financial (FI) Reports
- a Use Additional Selection Options in FI Line Item Reports

**UNIT-8 Drilldown Reporting**

- 1 Introducing Drilldown Reports
- 2 Navigating in Classic Drilldown Reports
- a Navigate in a Classic Drilldown Report
- 3 Navigating in Graphical Drilldown Reports
- a Execute Balance Sheet and Profit and Loss Statement Reports
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- b Create a Drilldown Report with Local Variables
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- 9 Using Key Figure Schemes and Characteristic Hierarchies in Profitability Analysis Reporting Profitability Analysis Reporting
- a Use Key Figure Schemes and Characteristic Hierarchies in a Report
- 10 Connecting Drilldown Reports
- a Connect a Report and Test the Connection

# Linear Algebra for Data Science Using Python

## Linear Algebra for Data Science using Python

**Course code:** -

**Duration:** 38 hours

**Start Date:** 16-11-2022

**End Date:** 10-12-2022

### Pre-requisites:

Fundamentals in Algebra theory and computers, logical thinking and basics in programming.

### Course Description:

This Specialization is for learners interested in exploring or pursuing careers in data science or understanding some data science for their current roles. This course will build upon your previous mathematical foundations and equip you with key applied tools for using and analyzing large data sets.

### Course Objective:

- To explain fundamental concepts of linear algebra and how to use Python, one of the most powerful programming languages, to model different data.
- To use linear algebra to solve data science problems.
- To define vector equations and use vector equations to model data.

### Expected Outcome:

By the end of this course, students will be able to solve data science problems using the concepts of Linear algebra.

### Syllabus:

**Introduction to Linear Algebra and Python:** Introduction to Linear Algebra for Data Science Using Python (Specialization) - Introduction to Linear Algebra and Python -Installing the Version Control System Git Bash -Installing Git Bash for a Mac - Installing Jupyter Notebook via Anaconda -Opening a Jupyter Notebook - How to Document Your Code - Introduction to Matrices -Introduction to Matrices in Python Using NumPy - Introduction to Matrices in Python Using SymPy - How Is Linear Algebra Used to Solve Problems? - Using Graphs in Python to Model Data.

**Fundamental Linear Algebra Concepts with Python:** Introduction to Linear Algebra Functions in Python - Using Matrices in Python - Solving Linear Equations Using Python -

Matrix Addition - Matrix Multiplication - A Practical Example of Matrix Multiplication - Using Matrix Algebra in Python.

**Building Regression Models with Linear Algebra:** Systems of Linear Equations - Row Echelon Form and Augmented Matrices - Elementary Row Operations and Row Equivalent Matrices - Gaussian Elimination (row reduction) - Vector Equations - Solving Vector Equations - Practical Applications of a Linear Function Model.

**Capstone: Data Science Problem in Linear Algebra Framework:** Introduction to a Sample Data Set - Working through a Sample Data Set Using Vector Equations: Part 1 - Working through a Sample Data Set Using Vector Equations: Part 2 - Real-World Applications - Ice Cream Sales.

### Actual Outcome:

- Learnt the Basic concept of Algebra Theory
- How to document the code using python
- Learnt about Practical Applications of a Linear Function Model.
- Usage of Graphs in Python to Model data.

**Assessment:** At the end of the semester, MCQ based assessment is conducted.

KG COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF MATHEMATICS  
ACADEMIC YEAR 2022-2023

Name of the course : Linear Algebra for Data Science using Python  
Duration of the course: 38 Hrs  
Start date : 16.11.2022  
End date : 10.12.2022  
Class : I B.Sc Mathematics

Enrollment:

S. No	Roll No.	Name of the Student	Signature
1	2222A01	ATCHAYA.S	Atchaya
2	2222A02	DHANALAKSHMIG	Dhanu
3	2222A03	HARIHARAPRIYA.V	Hariharapriya
4	2222A04	HARINI.J	J. Harini
5	2222A05	HARINI.R	Harini
6	2222A06	KAVYA.P	Kavya
7	2222A07	KIRTHIGAA.M	Kirthigaa
8	2222A08	LAVANYA LAYA	Lavanya
9	2222A09	MADHUSREE.P	Madhusree
10	2222A10	MATHANIKAS	Mathanika
11	2222A11	MEHARUNISSA.S	Mehar
12	2222A12	PREETHIK	Preethik
13	2222A13	RAGHUNATHAN.T	Raghu
14	2222A14	SANJANA.N	Sanjana
15	2222A15	SATHYA.P	Sathya
16	2222A16	SATHYA.R	Sathya
17	2222A17	SONA V.S	Sona
18	2222A18	SONA THOMAS	Son Thomas
19	2222A19	ZIONY MERLIN.M	Ziony

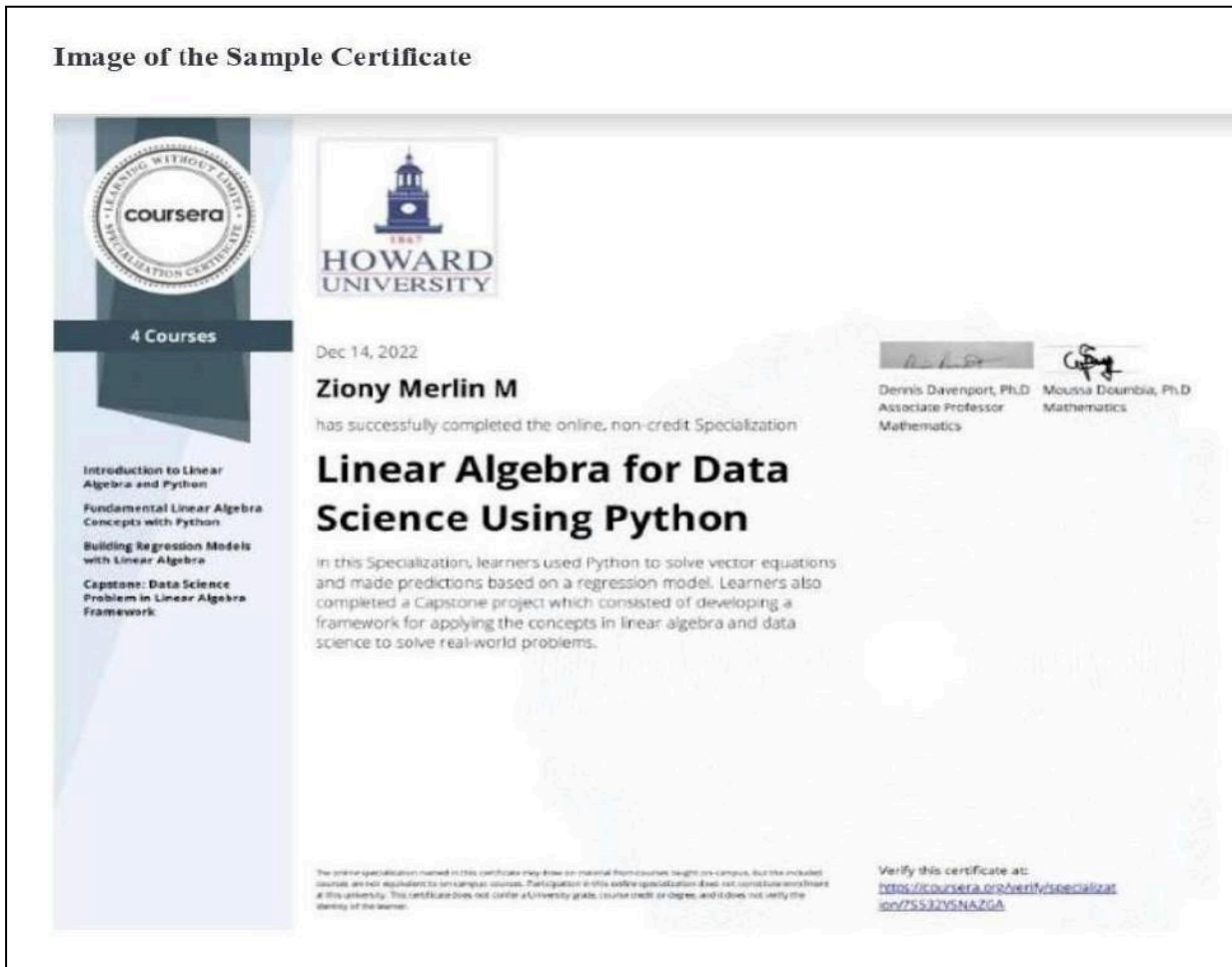
**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF MATHEMATICS**  
**ACADEMIC YEAR 2022-2023**

Name of the course : Linear Algebra for Data Science using Python  
 Duration of the course: 38 Hrs  
 Start date : 16.11.2022  
 End date : 10.12.2022  
 Class : I B.Sc Mathematics

Attendance :

S. No	Roll No.	Name of the Student	21/11/2022	22/11/2022	23-11-2022	24-11-2022	25-11-2022
1	2222A01	ATCHAYA.S					
2	2222A02	DHANALAKSHMI.G	Atchaya	Atchaya	Atchaya	Atchaya	Atchaya
3	2222A03	HARIHARAPRIYA.V	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu
4	2222A04	HARINJ	J.Harini	J.Harini	J.Harini	J.Harini	J.Harini
5	2222A05	HARINIR	A	A	J.Harini	J.Harini	J.Harini
6	2222A06	KAVYA.P	Kavya	Kavya	Kavya	Kavya	Kavya
7	2222A07	KIRTHIGAA.M	Karthiga	Karthiga	Karthiga	Karthiga	Karthiga
8	2222A08	LAVANYA LAYA	Lavanya	Lavanya	Lavanya	Lavanya	A
9	2222A09	MADHUSREE.P	Madhusree	Madhusree	Madhusree	Madhusree	Madhusree
10	2222A10	MATHANIKAS	Mathanika	Mathanika	Mathanika	Mathanika	Mathanika
11	2222A11	MEHARUNISSA.S	Mehar	Mehar	Mehar	A	Mehar
12	2222A12	PREETHIK	Preethik	Preethik	Preethik	Preethik	Preethik
13	2222A13	RAGHUNATHAN.T	R	R	R	R	R
14	2222A14	SANJANA.N	Sanj	Sanj	Sanj	Sanj	Sanj
15	2222A15	SATHYA.P	Sathya	Sathya	Sathya	Sathya	Sathya
16	2222A16	SATHYA.R	Sathya	Sathya	Sathya	Sathya	A
17	2222A17	SONA V.S	Sona	Sona	Sona	Sona	Sona
18	2222A18	SONA THOMAS	Sonath	Sonath	Sonath	Sonath	Sonath
19	2222A19	ZIONY MERLIN.M	Ziony	Ziony	Ziony	Ziony	Ziony

## Image of the Sample Certificate



# R Programming

## R Programming

**Course code: 22RPG**

**Duration: 30 hours**

**Start Date: 25.11.2022**

**End Date: 01.12.2022**

### Pre-requisites:

- Understanding of various type of graphs for data representation.
- Prior knowledge of any programming.

### Course Description:

The course covers practical issues in statistical computing which includes programming in R, reading data into R, accessing R packages, writing R functions, debugging, profiling R code, and organizing and commenting R code. Topics in statistical data analysis will provide working examples.

### Course Objectives:

- Master the use of the R and RStudio interactive environment.
- Expand R by installing R packages.
- Explore and understand how to use the R documentation.
- Read Structured Data into R from various sources.
- Understand the different data types in R.
- Understand the different data structures in R.

### Expected Outcome:

- Install R and RStudio.
- Write simple pseudo code and create simple flow charts.
- Use file management and version control tools.
- Read data files into R.

### Syllabus:

**1. Overview of R and RStudio:** About R programming language Features of R Applications of R Discuss the contents available on the R Project website Use the command-line interface of R About RStudio Feat..

**2. Installing R and RStudio on Linux :** Install R on Linux Use the command-line interface of R Show the value of exponential function in R Install wget utility Install gdebi utility Install RStudio on Linux L..

**3. Installing R and RStudio on Windows:** Install R on Windows 10 Launch R Use command-line-interface of R Run an exp command in R Install RStudio on Windows Launch RStudio on Windows Run a plot in RStudio Install.

**4. Introduction to basics of R :** Version of R and RStudio used Operating systems on which these run Quick introduction on to R and RStudio Resizing the font and window size \*, +, -, ^, sqrt exp, log, sin Diff.

**5. Introduction to Data Frames in R :** Storing captaincy information in vectors constructing a data frame using vectors Plotting one vector of a data frame vs. another one Adding a vector to a data frame Saving a data.

**6. Introduction to RStudio :** Features of RStudio A look at the windows in R Studio interface: Source and Console windows Workspace window Plots and Files window Example

**7. Introduction to R script :** What is an R script Features of an R script How to create and save an R script from the user interface (UI) of RStudio Shortcut keys to create an R script How to use auto-com..

**8. Working directories in RStudio :** What is working directory in R How to know the current working directory How to use getwd function How to set a working directory from the user interface of RStudio How to set..

**9. Indexing and Slicing Data Frames:** Shortcut key for assignment operator (<-) How to perform numeric indexing How to extract a row or column from a data frame How to retrieve multiple rows from a data frame.

**10. Creating Matrices using Data Frames:** Data required in a matrix format Convert a data frame into a matrix Create a matrix with known data Add two matrices Subtract two matrices Multiply two matrices element wise..

**11. Operations on Matrices and Data Frames :** How to find the inverse of a matrix How to calculate the sum of elements in a matrix using a for loop How to calculate the sum of elements in a matrix using the sum function How..

**12. Merging and Importing Data :** Use of built-in functions in R for exploring a data frame Access help in RStudio Advantages of merging data frames Merge two data frames Import data from command line Import..

**13.Data types and Factors:** What is an object in R Types of R - objects What is an atomic vector in R Types of atomic vectors How to find types of vectors Factors in R Levels of a factor in R Identity.

**14. Lists and its Operations :** Lists in R Atomic vectors in R Difference between atomic vectors and lists in R How to create a list How to assign names to the elements of a list Named list in R How to.

**15. Plotting Histograms and Pie Chart :** How to find the dimensions of a data frame Define a histogram Plot a histogram in R Add labels to the histogram Add color to the bins of a histogram Change the number of b.

**16. Plotting Bar Charts and Scatter Plot :** What is a bar chart Draw a bar chart Use the barplot function Add labels to the bar chart Adjust the labels of the bar chart What is a scatter plot Draw a scatter plot Use.

**17.Introduction to ggplot2 :** Define visualization About grammar of graphics- ggplot2 Use of the plot function Add labels to a plot Change the color and type of plot two graphs in the same plot Add..

**18.Aesthetic Mapping in ggplot2 :** Define aesthetic Need for aesthetic in plotting Draw a scatter plot Customize a scatter plot View the structure of an object View the levels of a categorical variable Dr..

**19.Data Manipulation using dplyr Package :** What is data visualization Need for data manipulation What is dplyr package Functions in dplyr package Install dplyr package Use filter function.

**20.More Functions in dplyr Package :** Functions in the dplyr package Select multiple variables in a data frame Remove variables from a data frame Use of select function Use of starts with function Change.

**21. Pipe Operator:** About summarise function in dplyr about group by function in dplyr Difference between summarise and group by functions Use summarise and group by functions together about pip.

**22.Conditional Statements :** About conditional statements Syntax of if, else and else if statements Use if, else and else if statements Use if else function Arguments of if else function Add a new column ..

**23.Functions in R :** Define a function About built-in functions and user-defined functions Need for a user-defined function Syntax of a function Parts of a function Create a user-defined function..

**Actual Outcome:**

- Learnt the basic concepts of R programming.
- Download and install R and RStudio.
- Navigate and optimize the R integrated development environment (IDE) RStudio.
- Install and load add-in packages.
- Import external data into R for data processing and statistical analysis.

**Assessment:**

At the end of the semester, MCQ based assessment is conducted.

**KG COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF MATHEMATICS  
ACADEMIC YEAR 2022-23**

Name of the course : R Programming  
 Duration of the course : 30 hours  
 Start date : 25.11.2022  
 End date : 01.12.2022  
 Class : III B.Sc Mathematics

**List of students enrolled**

S. No.	Reg. No.	Name of the Student	Signature of the Student
1	2022A0374	ABINAYA SRI V	V. shaf
2	2022A0375	ARUNAN A	Arunana
3	2022A0376	BHARGATH S	Bhargath
4	2022A0377	BHUVANESHWARI J	Bhuvaneshwari
5	2022A0378	DAKSHA N	Daksha
6	2022A0379	DEEPIKA R	R. Deepika
7	2022A0380	DURGA S	Durga S
8	2022A0381	HEARINA P	harina .p
9	2022A0382	KANISHGA SHREE V	Kanishkashree
10	2022A0383	KEERTHANA M S	Keerthana
11	2022A0384	KOUSHIKA M	M. Koushika
12	2022A0385	NAJUMUNEESA A	Najumuneesa
13	2022A0386	NANDHINI DD	D.D. Nandhini
14	2022A0387	PAVITHRA R	Pavithra

S. No.	Reg. No.	Name of the Student	Signature of the Student
15	2022A0388	PREETHI P	P. Preethi
16	2022A0389	PRIYADHARSHINI P	Priya
17	2022A0390	ROSHINI J	J. Roshini
18	2022A0392	SAMYUKTHA V	Samyuktha
19	2022A0393	SHOBANA D	Shobana
20	2022A0394	SOWNDARYA G	Soundarya
21	2022A0395	SRUTHI V	Sruthi V.
22	2022A0396	SUJISHA S	Sujisha
23	2022A0397	SWATHI M	M. Swathi
24	2022A0399	TNU RUTHISH M.R	Tnu. Ruthish
25	2022A0400	VARSHA C	Varsha
26	2022A0401	VINISHA H G	Vinisha . H. G
27	2022A0402	VINOTHINI M	Vinothini
28	2022A0403	VISENUPRIYA P	VishnuPriya
29	2022A0404	SHOBIKA R	Shobika

**KJ COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF MATHEMATICS**  
**ACADEMIC YEAR 2022-2023**

Name of the course : R Programming  
 Duration of the course : 30 hours  
 Start date : 25.11.2022  
 End date : 01.12.2022  
 Class : III B.Sc Mathematics  
 Attendance

S.No.	Reg. No.	Name of the student	25.11.2022	28.11.2022	29.11.2022	30.11.2022	01.12.2022
1	2022A0374	ABINAYA SRI V	V.styl	V.styl	V.styl	V.styl	V.styl
2	2022A0375	ARUNANA	Aruna	Aruna	Aruna	Aruna	Aruna
3	2022A0376	BHARGATH S	Bharg	Bharg	Bharg	Bharg	Bharg
4	2022A0377	BHUVANESHWARI J	Bhuvan	Bhuvan	Bhuvan	Bhuvan	Bhuvan
5	2022A0378	DAKSHA N	N. Daksh	N. Daksh	N. Daksh	N. Daksh	N. Daksh
6	2022A0379	DEEPIKA R	Deepi	Deepi	Deepi	Deepi	Deepi
7	2022A0380	DURGA S	S.Durga	S.Durga	S.Durga	S.Durga	S.Durga
8	2022A0381	HARINA P	Harina P	Harina P	Harina P	Harina P	Harina P
9	2022A0382	KANISHGA SHREE V	Kanishga	Kanishga	Kanishga	Kanishga	Kanishga
10	2022A0383	KEERTHANA M S	M.Keerth	M.Keerth	M.Keerth	M.Keerth	M.Keerth
11	2022A0384	KOUSHIKA M	M. Koush	M. Koush	M. Koush	M. Koush	M. Koush
12	2022A0385	NAJUMUNEESA A	A.Najumun	A.Najumun	A.Najumun	A.Najumun	A.Najumun
13	2022A0386	NANDHINI DD	D.D.Nandini	D.D.Nandini	D.D.Nandini	D.D.Nandini	D.D.Nandini
14	2022A0387	PAVITHRA R	R.Pavithra	R.Pavithra	R.Pavithra	R.Pavithra	R.Pavithra
15	2022A0388	PREETHI P	P.Preethi	P.Preethi	P.Preethi	P.Preethi	P.Preethi
16	2022A0389	PRIYADHARSHINI P	P.Priya	P.Priya	P.Priya	P.Priya	P.Priya
17	2022A0390	ROSHINI J	J.Roshini	J.Roshini	J.Roshini	J.Roshini	J.Roshini
18	2022A0392	SAMYUKTHA V	V.Samyukth	V.Samyukth	V.Samyukth	V.Samyukth	V.Samyukth

S.No	Reg. No.	Name of the student	25.11.2022	28.11.2022	29.11.2022	30.11.2022	01.12.2022
19	2022A0393	SHOBANA D	D.Shobana	D.Shobana	D.Shobana	D.Shobana	D.Shobana
20	2022A0394	SOWNDARYA G	G.Sowndarya	G.Sowndarya	G.Sowndarya	G.Sowndarya	G.Sowndarya
21	2022A0395	SRUTHI V	V.Sruthi	V.Sruthi	V.Sruthi	V.Sruthi	V.Sruthi
22	2022A0396	SUJISHA S	S.Sujisha	S.Sujisha	S.Sujisha	S.Sujisha	S.Sujisha
23	2022A0397	SWATHI M	M.Swathi	M.Swathi	M.Swathi	M.Swathi	M.Swathi
24	2022A0399	TNU RUTHISH M.R	R.M.Ruthish	R.M.Ruthish	R.M.Ruthish	R.M.Ruthish	R.M.Ruthish
25	2022A0400	VARSHA C	C.Varsha	C.Varsha	C.Varsha	C.Varsha	C.Varsha
26	2022A0401	VINISHA H G	G.Vinisha	G.Vinisha	G.Vinisha	G.Vinisha	G.Vinisha
27	2022A0402	VINOTHINI M	M.Vinothi	M.Vinothi	M.Vinothi	M.Vinothi	M.Vinothi
28	2022A0403	VISHNUPRIYA P	P.Vishnu	P.Vishnu	P.Vishnu	P.Vishnu	P.Vishnu
29	2022A0404	SHIOBIKA R	R.Shiojika	R.Shiojika	R.Shiojika	R.Shiojika	R.Shiojika
No. of students present			29	29	29	29	29
No. of students absent			-	-	-	-	-
Signature of the Coordinator			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

## Image of the Sample certificate



# Introduction to Data Science in Python

## Course Content

**Fundamentals of Data Manipulation with Python :** Introduction to Specialization- Introduction to the Course- The Coursera Jupyter Notebook System- Python Functions- Python Types and Sequences-Python More on Strings-Python Demonstration: Reading and Writing CSV files-Python Dates and Times-Advanced Python Objects, map()- Advanced Python Lambda and List Comprehensions-Numerical Python Library (NumPy)-Manipulating Text with Regular Expression-Quiz.

**Basic Data Processing with Pandas :** Introduction to Pandas - The Series Data Structure - Querying a Series - DataFrame Data Structure-DataFrame Indexing and Loading- Querying a DataFrame-Indexing Dataframes-Missing Values-Example: Manipulating DataFrame-More Data Processing with Pandas - Merging Dataframes - Pandas Idioms - Group by - Scales - Pivot Table - Date/Time Functionality-Assignments - Quiz

**Answering Questions with Messy Data :** Basic Statistical Testing - Other Forms of Structured Data-Science Isn't Broken: p-hacking-Goodhart's Law (Optional)-The 5 Graph Algorithms that you should know-Post-course Survey-Keep Learning with Michigan Online!-Quiz.

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR 2022-2023**

Name of the course : Introduction to Data Science in Python  
Duration of the course : 33 Hrs  
Start date : 14.11.2022  
End date : 14.12.2022  
Class : I B.Sc. CS A, B, C

**List of students enrolled**

S. No.	Reg No.	Name of the Student	Signature of the Student
1	2222K2922	ABHINAYA G	G. Abhi
2	2222K2923	ABHINAYA.M	M. Abhi
3	2222K2924	ABINAYA P	P. Abinaya
4	2222K2925	AISHWARYA H	Aishwaryah
5	2222K2926	ANGEL MARY A	Angel Mary A
6	2222K2927	BHARANISH KUMAR.A.S	Bharanish A.S
7	2222K2928	BHARATH M	Bharath M
8	2222K2929	CHANDHRU J	Chandru J
9	2222K2930*	DEENA DAYALAN.R	Deena Dayalan.R
10	2222K2931	DEEPIKA.B	Deepika B
11	2222K2932	DHAANUSH SB	Dhaanush SB
12	2222K2933	DHAKSHINYA T	Dhakshinya T
13	2222K2934	DIVYA PRAKASH.P.S	Divya Prakash.P.S
14	2222K2935	ELAMUHIL S	Elamuhil S
15	2222K2936	FARHAN KHAN S	Farhan Khan S
16	2222K2937	GIRIHARAN R	Giriharan R
17	2222K2938	GOPIKA S	Gopika S
18	2222K2939	HARI PRASAD P	Hari Prasad P
19	2222K2940	HARI PREETHI R	R. Hari Preethi
20	2222K2941	HARIHARAN V	Hariharan V
21	2222K2942	HARISHANKAR A	Harishankar A
22	2222K2943	JEYA LAKSHMI J	Jeya Lakshmi J
23	2222K2944	JOEL ROY	Joel Roy
24	2222K2945	KAMALAVARSHINI.S	Kamalavarshini.S
25	2222K2946	KANISHK R	Kanishk R
26	2222K2947	KARNIKA D V	Karnika D V
27	2222K2948	KARTHI. L	L. Karthi
28	2222K2949	KARTHIKA S	S. Karthika
29	2222K2950	KRITHISH R	Krithish R
30	2222K2951	LOGESH D.G	D. Logesh
31	2222K2952	MADHAN A	A. Madhan
32	2222K2953	MADHUMITHA S	Madhumitha S
33	2222K2954	MADHUNISHA P V	Madhunisha.PV
34	2222K2955	MALINI G A	Malini G A
35	2222K2957	NAKSHATRA R	R. Nakshatra
36	2222K2958	NAVANEETHA KRISHNAN.L	L. Navaneetha Krishnan
37	2222K2959	PANNERSELVAM.G	PannerSelvam.G
38	2222K2960	POOJASHREE.S	Poojashree.S
39	2222K2961	PRAKALYA J.S	Prakalya J.S
40	2222K2962	PRAKASH E K	Prakash E.K

S. No.	Reg No.	Name of the Student	Signature of the Student
41	2222K2963	RAAGUL S	Raagul S
42	2222K2964	RAKSHAN V	R. Rakshana V
43	2222K2965	SANJAI K	P. Sanjay K
44	2222K2966	SHANTHINI R	R. Shanthini R
45	2222K2967	SANTHOSH R	R. Santosh R
46	2222K2968	SARAN KUMAR G	G. Saran Kumar
47	2222K2969	SARATHI K H	H. Sarathi K
48	2222K2970	SHARAN U	U. Sharan
49	2222K2971	SHIVASHANGARI A	A. Shivashangari
50	2222K2972	SINDHU SK	S. Sindhu S K
51	2222K2973	SOWNDARYA A	A. Sowndarya
52	2222K2974	SUDHARSHAN P	P. Sudharshan
53	2222K2975	SURYA S	S. Surya S
54	2222K2976	VARSHINI A	A. Varshini
55	2222K2977	VEDHA SRI C	C. Vedha Sri
56	2222K2978	VELMURUGAN M	M. Velmurugan
57	2222K2979	VENKATRAJ SR	Sr. Venkatraj
58	2222K2980	VISHNU PRADAP S	S. Vishnu Pradap
59	2222K2981	YASHVANTH V	V. Yashvanth
60	2222K2982	ABISHEK S	S. Abishek S
61	2222K2983	AKSHAYA C	C. Akshaya C
62	2222K2984	AKSHAYA P A	A. Akshaya P A
63	2222K2985	ARCHANA G	G. Archana G
64	2222K2986	ASFINAZ F	F. Asfinaz F
65	2222K2987	BARATHKUMAR S	S. Barathkumar S
66	2222K2988	CHANDRU R	R. Chandru R
67	2222K2989	DHANYA K	K. Dhanya K
68	2222K2990	DHARNIKADEVI E	E. Dharnika Devi
69	2222K2991	DHARSHAN K	K. Dharsan K
70	2222K2992	DHIYANESHWARAN R	R. Dhiyaneshwaran R
71	2222K2993	DIVYA S	S. Divya S
72	2222K2994	HARISH A G	G. Harish A G
73	2222K2995	HARISHAVARTHAMAN K R	R. Harishavartaman K R
74	2222K2996	JANANI K	K. Janani K
75	2222K2997	KARTHIKEYAN K	K. Karthikeyan K
76	2222K2998	KAVI DHARSHINI C A	A. Kavi Dharshini C A
77	2222K2999	KAVIN C	C. Kavin C
78	2222K3000	KAVINPRASANTH A	A. Kavinprasanth A
79	2222K3001	KAVIYA D	D. Kaviya D
80	2222K3002	KAVIYA K	K. Kaviya K
81	2222K3003	LINSA M D	D. Linsa M D
82	2222K3004	LOGESHWARAN V	V. Logeshwaran V
83	2222K3005	LOHITHA A	A. Lohitha A
84	2222K3006	MEENATCHI G	G. Meenatchi G
85	2222K3007	MEERA K	K. Meera K
86	2222K3008	MELVIN S	S. Melvin S
87	2222K3009	MICHEAL BERLINA M	M. Michael Berlina M
88	2222K3010	MIDHUN K	K. Midhun K
89	2222K3011	MOHAMED HAKEEM S	S. Mohamed Hakeem S
90	2222K3012	NARESH KUMAR P	P. Naresh Kumar P
91	2222K3013	PASUPATHI R	R. Pasupathi R

S. No.	Reg No.	Name of the Student	Signature of the Student
92	2222K3014	PRAVEEN KUMAR K	Praaveen Kumar K
93	2222K3015	PREDHIKSHA S	Predhiiksha S
94	2222K3016	PRIYA DHARSHINI R	Priya D
95	2222K3017	RAHUL R B	Rahul
96	2222K3018	RASHMIKA J M	Rashmi R. a. S. M.
97	2222K3019	REESHA G	Reesha G
98	2222K3020	RISHI S	Rishi S
99	2222K3021	RITHYA D	Rithya D
100	2222K3022	SABARINATHAN K	K. Sabarinathan
101	2222K3023	SHARAN M	M. Sharan
102	2222K3024	SHARNITHA K	Sharnitha K
103	2222K3025	SHRI RAM S R	Shri Ram
104	2222K3026	SIBIRAJ G	G. Sibiraj
105	2222K3027	SIVA DHARSHINI H	Siva Dharshini
106	2222K3028	SOWMIYA M	Sowmiya M
107	2222K3029	SOWNDARIYA S	S. Sowndariya
108	2222K3030	SOWNTHARYA CM	C.M. Sowntarya
109	2222K3031	SRI RANJIT M	Ranjith M
110	2222K3032	SRIDHAR S	Sridhar S
111	2222K3033	SUHAS S	Suhas S
112	2222K3034	SUJITH B	Sujith B
113	2222K3035	THAMILSELVAN R	R. Thamilselvan
114	2222K3036	THIRISHIKA B	B. Thirishika
115	2222K3037	VIDYA K	K. Vidya
116	2222K3038	VIGNESH P	Vignesh P
117	2222K3039	VIJAYA SAMAYOJITH G	G. Vijaya Samayojith
118	2222K3040	VIKASH N	V. Kash N
119	2222K3041	YUVANJALI M	M. Yuvanjali
120	2222K3042	ASHLEE A	Ashlee A
121	2222K3043	ASHWANTH D	Ashwanth D
122	2222K3044	ASHWIN K	Ashwin K
123	2222K3045	ASHWIN PRASAD N	N. Ashwin Prasad
124	2222K3046	ATHEEL AHAMED A	A. Atheel Ahamed
125	2222K3047	BENISHA B	B. Benisha
126	2222K3050	DINESH V	V. Dinesh
127	2222K3048	DINESH BABU S	S. Dinesh Babu
128	2222K3049	DINESH KARTHI AS	A.S. Dinesh Karthi
129	2222K3051	DIVAKAR S	S. Divakar
130	2222K3052	ELAKIYA R	R. Elakiya
131	2222K3053	HARISHMA R	R. Harishma
132	2222K3054	HASAVIKA S	S. Hasavika
133	2222K3055	HEMANTH K	K. Hemanth
134	2222K3056	JEEVAN M	M. Jeevan
135	2222K3057	JEYASHRI S	S. Jeyashri
136	2222K3059	KAVIYA DHARSHINI P	P. Kaviya Dharshini
137	2222K3058	KAVIYADHARASHINI S	S. Kaviya Dharshini
138	2222K3060	KAWIN MS	S. Kawin M.S.
139	2222K3061	KEERTHANA G	G. Keerthana
140	2222K3062	KISHORE K	K. Kishore
141	2222K3063	KISHORY S	S. Kishory
142	2222K3064	KRITHIKA S	S. Krithika

S. No.	Reg No.	Name of the Student	Signature of the Student
143	2222K3065	LAKSHANA K	Lakshana.k
144	2222K3066	LAKSHMI PRIYA R	R. Lakshmi Priya R.
145	2222K3067	LAKSHMI PRIYANKA J	J. Lakshmi Priyanka
146	2222K3068	MOHAMMED ANAS S	Anas
147	2222K3069	MOHAMMED FAZIL S X	Fazil S.
148	2222K3070	MOHAN B	Mohan B.
149	2222K3071	MOUNIKA K	Mounika K.
150	2222K3072	MUTHULAKSHMI R	R. Muthulakshmi.
151	2222K3073	NIKHIL R	Nikhil R.
152	2222K3074	NISHANTH P	Nishanth P.
153	2222K3075	PREM A	Prem A.
154	2222K3076	PRITHIKA S	S. Prithika P.
155	2222K3077	PRIYADHARSHINI R	R. Priyadharshini.
156	2222K3078	PRIYA SHANDHINI R	R. Priyashandhini.
157	2222K3079	RAHUL P	Rahul P.
158	2222K3080	RAUKUL S	Raukul S.
159	2222K3081	SHIHABUDEEN N	Shihabudeen N.
160	2222K3083	SHOBICA J	J. Shobika
161	2222K3084	SUJITH S	S. Sujith
162	2222K3085	SUNIL K	Sunil K.
163	2222K3086	SUPRITHA T K	T. Supritha
164	2222K3087	SUREKA R	R. Sureka
165	2222K3088	SURENDHAR R	R. Surendhar
166	2222K3089	SURYA PRAKASH S	S. Surya Prakash
167	2222K3090	SURYA Y	S. Surya
168	2222K3091	SUSIMITHA M	M. Susimitha
169	2222K3092	SWATHI R	R. Swathi
170	2222K3093	SWEETY AUGUSTY	Sweety Augusty S.
171	2222K3094	SWETHA T	T. Swetha
172	2222K3095	THAMARAI SELVAM V	V. Thamarai Selvam
173	2222K3096	THEJASWINI D	D. Thejaswini
174	2222K3097	TIRISA S.D	S.D. Tirisa
175	2222K3098	VIMAL K	Vimal K.
176	2222K3099	VISHAK S.P	S.P. Vishak
177	2222K3100	VISHNU R	R. Vishnu
178	2222K3101	VISHUNUDHARSHAN G	G. Vishunudarshan
179	2222K3082	SHIVA KRISHNA M P	M.P. Shiva Krishna

KG COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF COMPUTER SCIENCE  
ACADEMIC YEAR 2022-2023

Name of the course : Introduction to Data Science in Python

Duration of the course : 33 Hrs

Start date : 14.11.2022

End date : 14.12.2022

Class : I B.Sc. CS A, B, C

Attendance

S. No.	Reg. No.	Name of the Student	14.11.2022	15.11.2022	16.11.2022	17.11.2022	18.11.2022
1	2222K2922	ABHINAYA G	G. Abhinaya	G. Abhinaya	G. Abhinaya	G. Abhinaya	G. Abhinaya
2	2222K2923	ABHINAYA.M	Abhinaya	Abhinaya	Abhinaya	Abhinaya	Abhinaya
3	2222K2924	ABINAYA P	P. Abinaya	P. Abinaya	P. Abinaya	P. Abinaya	P. Abinaya
4	2222K2925	AISHWARYA H	A. Ishwarya	A. Ishwarya	A. Ishwarya	A. Ishwarya	A. Ishwarya
5	2222K2926	ANGEL MARY A	Angel Mary A	Angel Mary A	Angel Mary A	Angel Mary A	Angel Mary A
6	2222K2927	BHARANISH KUMAR.A.S	Bharanish Kumar.A.S	Bharanish Kumar.A.S	Bharanish Kumar.A.S	Bharanish Kumar.A.S	Bharanish Kumar.A.S
7	2222K2928	BHARATH M	Bharath M	Bharath M	Bharath M	Bharath M	Bharath M
8	2222K2929	CHANDHRU J	Chandhru J	Chandhru J	Chandhru J	Chandhru J	Chandhru J
9	2222K2930	DEENA DAYALAN.R	Deena Dayalan.R	Deena Dayalan.R	Deena Dayalan.R	Deena Dayalan.R	Deena Dayalan.R
10	2222K2931	DEEPIKA.B	Deepika.B	Deepika.B	Deepika.B	Deepika.B	Deepika.B
11	2222K2932	DHAANUSH SB	Dhaanush SB	Dhaanush SB	Dhaanush SB	Dhaanush SB	Dhaanush SB
12	2222K2933	DHAKSHINYA T	Dhakshinya T	Dhakshinya T	Dhakshinya T	Dhakshinya T	Dhakshinya T
13	2222K2934	DIVYA PRAKASH.P.S	Divya Prakash.P.S	Divya Prakash.P.S	Divya Prakash.P.S	Divya Prakash.P.S	Divya Prakash.P.S
14	2222K2935	ELAMUHIL S	Elamuhil S	Elamuhil S	Elamuhil S	Elamuhil S	Elamuhil S
15	2222K2936	FARHAN KHAN S	Farhan Khan S	Farhan Khan S	Farhan Khan S	Farhan Khan S	Farhan Khan S
16	2222K2937	GIRIHARAN R	Giriharan R	Giriharan R	Giriharan R	Giriharan R	Giriharan R
17	2222K2938	GOPIKA S	Goopika	Goopika	Goopika	Goopika	Goopika
18	2222K2939	HARI PRASAD P	Hari Prasad P	Hari Prasad P	Hari Prasad P	Hari Prasad P	Hari Prasad P
19	2222K2940	HARI PREETHI R	Hari Preethi R	Hari Preethi R	Hari Preethi R	Hari Preethi R	Hari Preethi R
20	2222K2941	HARIHARAN V	Hariharan V	Hariharan V	Hariharan V	Hariharan V	Hariharan V
21	2222K2942	HARISHANKAR A	Harishankar A	Harishankar A	Harishankar A	Harishankar A	Harishankar A
22	2222K2943	JEYA LAKSHMI J	Jeya Lakshmi J	Jeya Lakshmi J	Jeya Lakshmi J	Jeya Lakshmi J	Jeya Lakshmi J
23	2222K2944	JOEL ROY	Joel Roy	Joel Roy	Joel Roy	Joel Roy	Joel Roy
24	2222K2945	KAMALAVARSHINI.S	Kamalavarshini.S	Kamalavarshini.S	Kamalavarshini.S	Kamalavarshini.S	Kamalavarshini.S
25	2222K2946	KANISHK R	Kanishk R	Kanishk R	Kanishk R	Kanishk R	Kanishk R
26	2222K2947	KARNIKA D V	Karnika D V	Karnika D V	Karnika D V	Karnika D V	Karnika D V
27	2222K2948	KARTHI L	Karthi L	Karthi L	Karthi L	Karthi L	Karthi L
28	2222K2949	KARTHIKA S	Karthika S	Karthika S	Karthika S	Karthika S	Karthika S
29	2222K2950	KRITHISH R	Krithish R	Krithish R	Krithish R	Krithish R	Krithish R
30	2222K2951	LOGESH D.G	Logesh D.G	Logesh D.G	Logesh D.G	Logesh D.G	Logesh D.G
31	2222K2952	MADHAN A	Madhan A	Madhan A	Madhan A	Madhan A	Madhan A
32	2222K2953	MADHUMITHA S	Madhumitha S	Madhumitha S	Madhumitha S	Madhumitha S	Madhumitha S
33	2222K2954	MADHUNISHA P V	Madhunisha P V	Madhunisha P V	Madhunisha P V	Madhunisha P V	Madhunisha P V
34	2222K2955	MALINI G A	Malini G A	Malini G A	Malini G A	Malini G A	Malini G A
35	2222K2957	NAKSHATRA R	Nakshatra R	Nakshatra R	Nakshatra R	Nakshatra R	Nakshatra R
36	2222K2958	NAVANEETHA KRISHNAN.L	Navaneetha Krishnan.L	Navaneetha Krishnan.L	Navaneetha Krishnan.L	Navaneetha Krishnan.L	Navaneetha Krishnan.L
37	2222K2959	PANNERSELVAM.G	PannerSelvam.G	PannerSelvam.G	PannerSelvam.G	PannerSelvam.G	PannerSelvam.G
38	2222K2960	POOJASHREE.S	Poojashree.S	Poojashree.S	Poojashree.S	Poojashree.S	Poojashree.S
39	2222K2961	PRAKALYA J.S	Prakalya J.S	Prakalya J.S	Prakalya J.S	Prakalya J.S	Prakalya J.S
40	2222K2962	PRAKASH E K	Prakash E K	Prakash E K	Prakash E K	Prakash E K	Prakash E K
41	2222K2963	RAAGUL.S	Raagul.S	Raagul.S	Raagul.S	Raagul.S	Raagul.S
42	2222K2964	RAKSHAN V	Rakshan V	Rakshan V	Rakshan V	Rakshan V	Rakshan V

S. No.	Reg. No.	Name of the Student	14.11.2022	15.11.2022	16.11.2022	17.11.2022	18.11.2022
43	2222K2965	SANJAI K	R. Sanjai	R. Sanjai	R. Sanjai	R. Sanjai	R. Sanjai
44	2222K2966	SIANTHINI R	Banathi	Banathi	Banathi	Banathi	A
45	2222K2967	SANTHOSH R	R. Santhosh	R. Santhosh	R. Santhosh	R. Santhosh	R. Santhosh
46	2222K2968	SARAN KUMAR G	Sharan	Sharan	A	Sharan	Sharan
47	2222K2969	SARATHI K.H	Sarathi	Sarathi	A	Sarathi	Sarathi
48	2222K2970	SIARAN U	SI	SI	Sarathi	Sarathi	Sarathi
49	2222K2971	SHIVASHANGARI A	A. Shivi	A. Shivi	A. Shivi	A. Shivi	A. Shivi
50	2222K2972	SINDHU SK	A	Sindhu	Sindhu	A. Sini	A. Sini
51	2222K2973	SOWNDARYA A	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu
52	2222K2974	SUDHARSHAN.P	Sudharshan	Sudharshan	Sudharshan	Sudharshan	Sudharshan
53	2222K2975	SURYA.S	Surya	Surya	Surya	A	Surya
54	2222K2976	VARSHINI A	Varshini	Varshini	Surya	Surya	Surya
55	2222K2977	VEDHA SRI C	Vedha	Vedha	Vedha	Vedha	Vedha
56	2222K2978	VELMURUGAN M	V. Velmurugan	A	V. Velmurugan	V. Velmurugan	V. Velmurugan
57	2222K2979	VENKATRAJ SR	V. Venkatesh	V. Venkatesh	V. Venkatesh	V. Venkatesh	V. Venkatesh
58	2222K2980	VISHNU PRADAP.S	S.P. Venkatesh	S.P. Venkatesh	S.P. Venkatesh	S.P. Venkatesh	S.P. Venkatesh
59	2222K2981	YASHVANTH V	Y. V. S	Y. V. S	Y. V. S	Y. V. S	A
60	2222K2982	ABISHEK S	Abhishek	Abhishek	Y. V. S	Y. V. S	Y. V. S
61	2222K2983	AKSHAYA C	Akshaya	Abhishek	A	Abhishek	Abhishek
62	2222K2984	AKSHAYA P A	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya
63	2222K2985	ARCHANA G	Archana	Archana	Archana	Archana	Archana
64	2222K2986	ASFINAZ F	Asfina	Asfina	Archana	Archana	Archana
65	2222K2987	BARATHKUMAR S	Banathi	Banathi	Banathi	Asfina	Asfina
66	2222K2988	CHANDRU R	Chandru	Chandru	Chandru	A	Banathi
67	2222K2989	DHANYA K	Dhanya	A	Dhanya	Chandru	Chandru
68	2222K2990	DHARNIKADEVI E	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya
69	2222K2991	DHARSHAN K	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya
70	2222K2992	DHIYANESHWARAN R	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya
71	2222K2993	DIVYA S	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya
72	2222K2994	HARISH A.G	Dhanya	Dhanya	Dhanya	Dhanya	A
73	2222K2995	HARISHAVARTHAMAN K R	Harish	Harish	Harish	Harish	Harish
74	2222K2996	JANANI K	Harish	Harish	Harish	Harish	Harish
75	2222K2997	KARTHIKEYAN K	Harish	Harish	A	Harish	Harish
76	2222K2998	KAVI DHARSHINI.C.A.	K. Kavitha	K. Kavitha	K. Kavitha	K. Kavitha	K. Kavitha
77	2222K2999	KAVIN C	Kavin	Kavin	Kavin	Kavin	Kavin
78	2222K3000	KAVINPRASANTH A	Kavin	Kavin	Kavin	Kavin	Kavin
79	2222K3001	KAVIYA D	K. Kavitha	K. Kavitha	K. Kavitha	K. Kavitha	K. Kavitha
80	2222K3002	KAVIYA. K	A	K. Kavitha	K. Kavitha	A	K. Kavitha
81	2222K3003	LINSA M D	K. Kavitha	K. Kavitha	K. Kavitha	K. Kavitha	K. Kavitha
82	2222K3004	LOGESHWARAN V	L. Logan	L. Logan	L. Logan	L. Logan	L. Logan
83	2222K3005	LOHITHA A	L. Logan	L. Logan	L. Logan	L. Logan	L. Logan
84	2222K3006	MEENATCHI G	L. Logan	A	L. Logan	L. Logan	L. Logan
85	2222K3007	MEERA K	Meera	Meera	Meera	Meera	Meera
86	2222K3008	MELVIN S	Meera	Meera	Meera	Meera	Meera
87	2222K3009	MICHEAL BERLINA M	Meera	Meera	Meera	Meera	Meera
88	2222K3010	MIDHUN K	Meera	Meera	Meera	Meera	Meera
89	2222K3011	MOHAMED HAKEEM. S	M. Hakeem	M. Hakeem	M. Hakeem	M. Hakeem	M. Hakeem
90	2222K3012	NARESH KUMAR P	N. Hakeem	N. Hakeem	N. Hakeem	N. Hakeem	N. Hakeem
91	2222K3013	PASUPATHI R	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem	A
92	2222K3014	PRAVEEN KUMAR K	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem
93	2222K3015	PREDHIKSHA S	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem
94	2222K3016	PRIYA DHARSHINI R	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem
95	2222K3017	RAHUL R B	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem	P. Hakeem

S. No.	Reg. No.	Name of the Student	14.11.2022	15.11.2022	16.11.2022	17.11.2022	18.11.2022
96	2222K3018	RASHMIKA J M	Rash	Rash	Rash	Rash	Rash
97	2222K3019	REESHA G	Rash	Rash	Rash	Rash	Rash
98	2222K3020	RISHI S	Rish	Rish	Rish	Rish	Rish
99	2222K3021	RITHYA D	D.P.R.	D.P.R.	D.P.R.	D.P.R.	D.P.R.
100	2222K3022	SABARINATHAN K	K. Sabari	K. Sabari	K. Sabari	K. Sabari	K. Sabari
101	2222K3023	SHARAN M	M. Sharan	M. Sharan	M. Sharan	M. Sharan	M. Sharan
102	2222K3024	SHARNITHA K	K. Sharnitha	K. Sharnitha	K. Sharnitha	K. Sharnitha	K. Sharnitha
103	2222K3025	SHRI RAM S R	S. Sri Ram	S. Sri Ram	S. Sri Ram	S. Sri Ram	S. Sri Ram
104	2222K3026	SIBIRAJ G	G. Sibiraj	G. Sibiraj	G. Sibiraj	G. Sibiraj	G. Sibiraj
105	2222K3027	SIVA DHARSHINI H	H. Siva	H. Siva	H. Siva	H. Siva	H. Siva
106	2222K3028	SOWMIYA M	M. Sowmya	M. Sowmya	M. Sowmya	M. Sowmya	M. Sowmya
107	2222K3029	SOWNDARIYA S	S. Sowndariya	S. Sowndariya	S. Sowndariya	S. Sowndariya	S. Sowndariya
108	2222K3030	SOWNTHIARYA CM	C.M. Sowthi	C.M. Sowthi	C.M. Sowthi	A	C.M. Sowthi
109	2222K3031	SRI RANJIT M	M. Sri Ranjit	M. Sri Ranjit	M. Sri Ranjit	M. Sri Ranjit	M. Sri Ranjit
110	2222K3032	SRIDHAR S	S. Sridhar	S. Sridhar	S. Sridhar	S. Sridhar	A
111	2222K3033	SUHAS S	S. Suhas	S. Suhas	S. Suhas	S. Suhas	S. Suhas
112	2222K3034	SUITH B	B. Suit	B. Suit	B. Suit	B. Suit	B. Suit
113	2222K3035	THAMILSELVAN R	R. Thamil	R. Thamil	R. Thamil	R. Thamil	R. Thamil
114	2222K3036	THIRISHIKA B	B. Thirishika	B. Thirishika	B. Thirishika	B. Thirishika	B. Thirishika
115	2222K3037	VIDYA K	K. Vidya	K. Vidya	K. Vidya	K. Vidya	K. Vidya
116	2222K3038	VIGNESH P	P. Vignesh	P. Vignesh	P. Vignesh	P. Vignesh	P. Vignesh
117	2222K3039	VIJAYA SAMAYOJITH G	G. Vijaya	G. Vijaya	A	G. Vijaya	G. Vijaya
118	2222K3040	VIKASH N	N. Vikash	N. Vikash	N. Vikash	N. Vikash	N. Vikash
119	2222K3041	YUVANJALI M	M. Yuvan	M. Yuvan	M. Yuvan	M. Yuvan	M. Yuvan
120	2222K3042	ASHLEE A	A. Ashlee	A. Ashlee	A. Ashlee	A. Ashlee	A. Ashlee
121	2222K3043	ASHWANTH D	D. Ashwanth	D. Ashwanth	D. Ashwanth	D. Ashwanth	D. Ashwanth
122	2222K3044	ASHWIN K	K. Ashwin	K. Ashwin	K. Ashwin	K. Ashwin	K. Ashwin
123	2222K3045	ASHWIN PRASAD N	N. Ashwin	N. Ashwin	N. Ashwin	N. Ashwin	N. Ashwin
124	2222K3046	ATHEEL AHAMED A	A. Atheel	A. Atheel	A. Atheel	A. Atheel	A. Atheel
125	2222K3047	BENISHA B	B. Benisha	B. Benisha	B. Benisha	B. Benisha	B. Benisha
126	2222K3050	DINESH.V	V. Dinesh	V. Dinesh	V. Dinesh	V. Dinesh	V. Dinesh
127	2222K3048	DINESH BABU S	S. Dinesh	S. Dinesh	S. Dinesh	S. Dinesh	S. Dinesh
128	2222K3049	DINESH KARTHI AS	S. Dinesh	S. Dinesh	S. Dinesh	S. Dinesh	S. Dinesh
129	2222K3051	DIVAKAR S	S. Divakar	S. Divakar	S. Divakar	S. Divakar	S. Divakar
130	2222K3052	ELAKIYA R	R. Elakiya	R. Elakiya	R. Elakiya	R. Elakiya	R. Elakiya
131	2222K3053	HARISHMA R	R. Harishma	R. Harishma	R. Harishma	A	R. Harishma
132	2222K3054	HASAVIKA S	S. Hasavika	S. Hasavika	S. Hasavika	S. Hasavika	S. Hasavika
133	2222K3055	HEMANTH K	K. Hemant	K. Hemant	K. Hemant	K. Hemant	K. Hemant
134	2222K3056	JEEVAN M	M. Jeevan	M. Jeevan	M. Jeevan	M. Jeevan	M. Jeevan
135	2222K3057	JEYASHRI S	S. Jeyashri	S. Jeyashri	S. Jeyashri	S. Jeyashri	S. Jeyashri
136	2222K3059	KAVIYA DHARSHINI P	P. Kaviya	A	P. Kaviya	P. Kaviya	P. Kaviya
137	2222K3058	KAVIYADHARASHINI S	S. Kaviya	S. Kaviya	S. Kaviya	S. Kaviya	S. Kaviya
138	2222K3060	KAWIN MS	S. Kawin	S. Kawin	S. Kawin	S. Kawin	S. Kawin
139	2222K3061	KEERTHANA G	G. Keerthana	G. Keerthana	G. Keerthana	G. Keerthana	G. Keerthana
140	2222K3062	KISHORE K	K. Kishore	K. Kishore	K. Kishore	K. Kishore	K. Kishore
141	2222K3063	KISHORY S	S. Kishory	S. Kishory	S. Kishory	S. Kishory	S. Kishory
142	2222K3064	KRITHIKA S	S. Krithika	S. Krithika	S. Krithika	S. Krithika	S. Krithika
143	2222K3065	LAKSHANA K	K. Lakshana	K. Lakshana	K. Lakshana	K. Lakshana	K. Lakshana
144	2222K3066	LAKSHMI PRIYA R	R. Lakshmi	R. Lakshmi	R. Lakshmi	R. Lakshmi	A
145	2222K3067	LAKSHMI PRIYANKA J	J. Lakshmi	J. Lakshmi	J. Lakshmi	J. Lakshmi	J. Lakshmi
146	2222K3068	MOHAMMED ANAS S	S. Anas	S. Anas	S. Anas	S. Anas	S. Anas
147	2222K3069	MOHAMMED FAZIL S	S. Fazil	S. Fazil	S. Fazil	S. Fazil	S. Fazil
148	2222K3070	MOHAN B	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan

S. No.	Reg. No.	Name of the Student	14.11.2022	15.11.2022	16.11.2022	17.11.2022	18.11.2022
149	2222K3071	MOUNIKA K	Mounika	Mounika	Mounika	Mounika	Mounika
150	2222K3072	MUTHULAKSHMI R	Muthulakshmi	Muthulakshmi	Muthulakshmi	Muthulakshmi	Muthulakshmi
151	2222K3073	NIKHIL R	R. Nitya	R. Nitya	R. Nitya	R. Nitya	R. Nitya
152	2222K3074	NISHANTH P	Nishanth	Nishanth	Nishanth	Nishanth	Nishanth
153	2222K3075	PREM A	Prem A	Prem A	Prem A	Prem A	Prem A
154	2222K3076	PRITHIKA S	Prithika	Prithika	Prithika	Prithika	Prithika
155	2222K3077	PRIYADHARSHINI R	A	Prithika	Prithika	Prithika	Prithika
156	2222K3078	PRIYA SHANDHINI R	Prithika	Prithika	Prithika	Prithika	Prithika
157	2222K3079	RAHUL P	Rahul	Rahul	Rahul	Rahul	Rahul
158	2222K3080	RAKUL S	Rakul	Rakul	Rakul	Rakul	Rakul
159	2222K3081	SHIHABUDEEN N	Nishanth	Nishanth	Nishanth	A	Nishanth
160	2222K3083	SHOBIKA J	Shobika	Shobika	Shobika	Shobika	Shobika
161	2222K3084	SUJITH S	Sujith	Sujith	Sujith	Sujith	Sujith
162	2222K3085	SUNIL K	Sunil	Sunil	Sunil	Sunil	Sunil
163	2222K3086	SUPRITHA T K	Supritha	Supritha	Supritha	Supritha	Supritha
164	2222K3087	SUREKA R	Sureka	Sureka	Sureka	Sureka	Sureka
165	2222K3088	SURENDHAR R	Surendhar	Surendhar	Surendhar	Surendhar	Surendhar
166	2222K3089	SURYA PRAKASH S	Surya	Surya	Surya	Surya	Surya
167	2222K3090	SURYA Y	Surya	Surya	Surya	Surya	Surya
168	2222K3091	SUSIMITHA M	M. Susmitha	M. Susmitha	M. Susmitha	M. Susmitha	M. Susmitha
169	2222K3092	SWATHI R	Swathi	Swathi	Swathi	Swathi	Swathi
170	2222K3093	SWEETY AUGUSTY	Sweety	Sweety	Sweety	Sweety	Sweety
171	2222K3094	SWETHA T	Swetha	Swetha	Swetha	Swetha	Swetha
172	2222K3095	THAMARAI SELVAM V	Thamarai	Thamarai	Thamarai	Thamarai	Thamarai
173	2222K3096	THEJASWINI D	Thejaswini	Thejaswini	Thejaswini	Thejaswini	Thejaswini
174	2222K3097	TIRISA S.D	Tirisa	Tirisa	Tirisa	Tirisa	Tirisa
175	2222K3098	VIMAL K	Vimal	Vimal	Vimal	Vimal	Vimal
176	2222K3099	VISHAK S.P	Vishak	Vishak	Vishak	Vishak	Vishak
177	2222K3100	VISHNU R	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu
178	2222K3101	VISHUNUDHARSHAN G	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu
179	2222K3082	SHIVA KRISHNA M P	Shiva	Shiva	Shiva	Shiva	Shiva
No. of Students Present			170	171	172	170	170
No. of Students Absent			9	8	7	9	9
Signature of the Coordinator			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]



COURSE  
CERTIFICATE

Nov 23, 2022

Vimal

has successfully completed

Introduction to Data Science in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera



A handwritten signature in black ink, appearing to read 'Christopher Brooks'.

Christopher Brooks  
Research Assistant Professor  
School of Information

Verify at:

<https://coursera.org/verify/S288OQ2Y3WNY>

Coursera has confirmed the identity of this individual and their  
participation in the course.

# Developing AR/VR/MR/XR with WebXR, Unity & Unreal

## Syllabus

Developing AR/VR/MR/XR with webXR ,Unity & Unreal

Name of the Course	Developing AR/VR/MR/XR with webXR ,Unity & Unreal
Course Code	22SCARVR
Duration	30 hours
Start Date	14-11-2022
End Date	14-12-2022

## Developing AR/VR/MR/XR with webXR ,Unity & Unreal

### XR Development Approaches

Course Overview-XR Development Approach-Building Your XR Development Toolbox-The Jump from 2D to 3D-First Steps in Unity-First Steps in Unreal-AR/VR with A-Frame

### Developing VR Applications

Designing a Virtual Reality-Designing a Virtual Reality-VR Design Case Study-Interview with Kara Dailey-Menus & Navigation in VR-Menus & Navigation in VR-Object Selection & Manipulation in VR-Object Selection & Manipulation in VR-Basic VR with WebXR-Immersive VR with WebXR- VR with Unity

### Developing AR Applications

Designing an Augmented Reality-AR Design Case Study-Interview with Shwetha Rajaram-Marker-based AR-Marker-less-Hand-held vs.Head-worn AR-AR Demo-Marker-based AR with WebXR-Marker-less AR with WebXR

### Special Topics in XR

Advanced Techniques I-Advanced Techniques II-XR Research (Part 1)-XR Research (Part 2)-XR Research (Part 3)-XR Research Panel

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR 2022-2023**

Name of the course : Developing AR/VR/MR/XR with webXR ,Unity & Unreal  
Duration of the course : 30 Hrs  
Start date : 14.11.2022  
End date : 14.12.2022  
Class : II B.Sc. CS A, B, C

**List of students enrolled**

S. No.	Reg No.	Name of the Student	Signature of the Student
1	2122K0310	AASHITHA R	P. Ashitha
2	2122K0311	ABHILASH K	Abhilash K
3	2122K0312	AJAY K	Ajay K
4	2122K0313	AKAASH B U	Akaash B U
5	2122K0314	ARUNASH B U	Arunash B U
6	2122K0315	ARUNRAJ S	Arunraj S
7	2122K0316	BAVANTH KUMAR R	Bavanth K.R.
8	2122K0317	CHARU R	Charu R.
9	2122K0318	DHANUSH KUMAR K	Dhanush K
10	2122K0319	DHARNESH V	Dharnesh V
11	2122K0320	DHARSHAN KUMAR A	Dharshan Kumar A
12	2122K0321	DIGEESH G M	Digeesh G M
13	2122K0322	GAYATHRI M V	Gayathri M V
14	2122K0323	GOKIL P	Gokil P
15	2122K0324	GOKUL G	Gokul G
16	2122K0326	GOWTHAM M	Gowtham M
17	2122K0327	HAREESH R	Hareesh R
18	2122K0328	HARIHARAN V	Harihara V
19	2122K0329	KARTHIK S	Karthik S
20	2122K0330	KAVIN S	Kavin S
21	2122K0331	LAKSHAN G	Lakshan G
22	2122K0333	MADHUMITHA R	R. Madhumitha
23	2122K0332	MADHUMITHA R	R. Madhumitha
24	2122K0334	MAHARAJA A	A. Maharaja
25	2122K0335	MANJU S	Manju S
26	2122K0336	MARIA STEPHEN A	M. Stephen A
27	2122K0337	MARIYA ROSELINE A	Mariya Roseline A
28	2122K0338	NANDHINI S	Nandhini S
29	2122K0339	PADMESH S	Padmesh S
30	2122K0340	PARAMESH S	Paramesh S
31	2122K0341	POOJA G	Pooja G
32	2122K0342	PRAGATHEESVARA S	Pragatheesvara S
33	2122K0343	RAGUL R	Ragul R
34	2122K0344	RAJENDRAN R	Rajendran R
35	2122K0345	SABARINATHAN M	M. Sabarinathan
36	2122K0346	SABARINATHAN N	N. Sabarinathan
37	2122K0347	SAISHREE R	Saishree R
38	2122K0348	SAJITH K	Sajith K
39	2122K0349	SAMYUKTHA V	Samyuktha V
40	2122K0350	SANJAY G	Sanjay G

S. No.	Reg No.	Name of the Student	Signature of the Student
41	2122K0351	SANJAY S	<i>[Signature]</i>
42	2122K0352	SANJEEVIRAM G	<i>[Signature]</i>
43	2122K0353	SANJITHA G	<i>[Signature]</i>
44	2122K0354	SANOFIYA S	<i>[Signature]</i>
45	2122K0355	SANTHOSH E	<i>[Signature]</i>
46	2122K0356	SANTHOSH K	<i>[Signature]</i>
47	2122K0357	SANTHOSH PRABHU S	<i>[Signature]</i>
48	2122K0358	SARAN C D	<i>[Signature]</i>
49	2122K0359	SATHYA N	<i>[Signature]</i>
50	2122K0360	SELCIA JEMMIMA S S	<i>[Signature]</i>
51	2122K0361	SOWMIYA S	<i>[Signature]</i>
52	2122K0362	SRIDHAR P	<i>[Signature]</i>
53	2122K0363	THANUSH K	<i>[Signature]</i>
54	2122K0364	VARSHINI S	<i>[Signature]</i>
55	2122K0365	VASANTH R	<i>[Signature]</i>
56	2122K0366	VENKATESH K	<i>[Signature]</i>
57	2122K0367	VIGNESH S	<i>[Signature]</i>
58	2122K0368	VINITHASRI K	<i>[Signature]</i>
59	2122K0369	YOGESHWARAN B	<i>[Signature]</i>
60	2122K0370	ABINESH K	<i>[Signature]</i>
61	2122K0371	ABINITHI G	<i>[Signature]</i>
62	2122K0372	AKASH E	<i>[Signature]</i>
63	2122K0373	AKSHAYA A	<i>[Signature]</i>
64	2122K0374	ALEX M VARGHESE	<i>[Signature]</i>
65	2122K0375	ARUN MANIKANDAN A	<i>[Signature]</i>
66	2122K0376	ASHWIN K S	<i>[Signature]</i>
67	2122K0377	BHUVAN P	<i>[Signature]</i>
68	2122K0378	BOOMIKA P	<i>[Signature]</i>
69	2122K0379	DEEPAKRAJA D	<i>[Signature]</i>
70	2122K0380	DHARUN R	<i>[Signature]</i>
71	2122K0381	DHINAKAR S	<i>[Signature]</i>
72	2122K0382	DINESH D	<i>[Signature]</i>
73	2122K0383	GANGA N	<i>[Signature]</i>
74	2122K0385	GOKULAPRIYA R	<i>[Signature]</i>
75	2122K0384	GOKUL M	<i>[Signature]</i>
76	2122K0386	HARI PRASATH R I	<i>[Signature]</i>
77	2122K0387	ISRATH BEGUM M	<i>[Signature]</i>
78	2122K0389	KAVIN d	<i>[Signature]</i>
79	2122K0390	KAVIYA S	<i>[Signature]</i>
80	2122K0391	LAVANYA R	<i>[Signature]</i>
81	2122K0392	MOHAMMED RIYASUL HUG S	<i>[Signature]</i>
82	2122K0393	MOHAMMED UMAR S	<i>[Signature]</i>
83	2122K0395	MOHANA PREETHIKA R	<i>[Signature]</i>
84	2122K0396	MOHANRAJ A	<i>[Signature]</i>
85	2122K0394	MOHAN RAJ P	<i>[Signature]</i>
86	2122K0397	MONISH KARTHIK A S	<i>[Signature]</i>
87	2122K0398	MOWLI SIBI Ka V	<i>[Signature]</i>
88	2122K0399	NAGULESH A	<i>[Signature]</i>
89	2122K0400	NIRMAL S	<i>[Signature]</i>
90	2122K0401	NISHA A	<i>[Signature]</i>
91	2122K0402	POORNIKHA A	<i>[Signature]</i>

S. No.	Reg No.	Name of the Student	Signature of the Student
92	2122K0403	PRANESH KARTHICK S	S. Prathish
93	2122K0404	PRATHISHA S	S. Prathish
94	2122K0405	RAJESWARI V	V. Rajeswari
95	2122K0406	RAMJI S	S. Ramji
96	2122K0407	SARAN R	R. Saran
97	2122K0408	SHARUMATH A	A. Sharumath
98	2122K0409	SHRUTHI K	S. Shruthi
99	2122K0410	SHYAM SUNDAR P	P. Shyam
100	2122K0411	SNEKHA R	R. Sneha
101	2122K0412	SOUNDARIYA K	K. Soundariya
102	2122K0413	SOURISH R	R. Sourish
103	2122K0414	SRI RAMYA T	T. Sri Ramya
104	2122K0416	SRISAHANA M	M. Srisahana
105	2122K0415	SRI VARSHINI S	S. Sri Varshini
106	2122K0417	THARUN KUMAR K	K. Tharun
107	2122K0418	VIJAYADHARSHINI S	S. Vijayadharshini
108	2122K0419	VIKRAM V	V. Vikram
109	2122K0420	VINODHINI V	V. Vinodhini
110	2122K0421	VINOJ KUMAR S	S. Vinoj Kumar
111	2122K0422	VISHNU S	S. Vishnu
112	2122K0423	VIVIN G R	R. Vivin
113	2122K0424	WASIM AKRAM Z	Z. Wasim Akram
114	2122K0425	YOGESH P	P. Yogesh
115	2122K7002	AIWARYA S	S. Aiswarya
116	2122K1071	KIRAN R	R. Kiran
117	2122K7001	BALASUBRAHMANYAM DEEPAK	B. Deek
118	2122K0426	AJAY KUMAR E	E. Ajay Kumar
119	2122K0427	AJAY KUMAR R	R. Ajay Kumar
120	2122K0428	ANAS J	J. Anas
121	2122K0429	ARAVIND S	S. Aravind
122	2122K0430	ARUN M	M. Arun
123	2122K0431	ATHUL SANKAR K	K. Athul Sankar
124	2122K0432	DEVENDRAN K P	P. Devendran
125	2122K0433	DHIVAKAR A	A. Dhivakar
126	2122K0434	GOMATHI N	N. Gomathi
127	2122K0435	GOWSALYA E	E. Gowsalya
128	2122K0436	HARIHARAN M	M. Hariharan
129	2122K0437	JAGADHEESH A S	S. Jagadheesh
130	2122K0438	KAMALESH B	B. Kamalesh
131	2122K0439	KARTHICK D	D. Karthick
132	2122K0440	KARTHIKEYAN M	M. Karthikeyan
133	2122K0441	KAVIN KISHORE V	V. Kavinkishore
134	2122K0442	KENETHCOSAM GEORGE THIRUPALLI	K. Keneth
135	2122K0443	KOWSIK c	C. Kowsik
136	2122K0444	MUKILAN R	R. Mukilan
137	2122K0445	MUGUNTH R P	P. Mugunth
138	2122K0446	MUKESH K	K. Mukesh
139	2122K0447	MUKESH M	M. Mukesh
140	2122K0448	MUTAMIL A	A. Mutamil
141	2122K0449	MUTHUSAMY P	P. Muthusamy

S. No.	Reg No.	Name of the Student	Signature of the Student
142	2122K0450	NAVEEN J	N-J
143	2122K0451	NISHANTH G	Nishanth
144	2122K0452	NITHEESH K	Nitheesh
145	2122K0453	PRAVEEN PRASATH S	Praveen
146	2122K0454	PRETHIKKA G	Prethikka G
147	2122K0455	PRIYADHARSHINI A	Priyadharshini
148	2122K0456	RATISH M	Ratish
149	2122K0457	RAVIKIRAN R	Ravi
150	2122K0458	SARATH M	Sarath
151	2122K0459	SHAKTHISARAN G	Shakthisaran
152	2122K0460	SIVANESWARI R	Sivan
153	2122K0461	SMILELY S	Smiley
154	2122K0462	SNEHA S	Sneha
155	2122K0463	SONA B	Sona
156	2122K0464	SRIDHAR R	Sridhar
157	2122K0465	SRINATH S	Srinath
158	2122K0466	SRIRAM V	Sriram
159	2122K0468	SRUTHI. G	V. Srivani
160	2122K0467	SRUTHI N	Sruthi
161	2122K0469	SUNANTHA S	Sunantha
162	2122K0470	SURIYA N	Suriya
163	2122K0471	SURYA M	Surya
164	2122K0472	SURYA MN	Surya
165	2122K0475	SURYAPRAKASH M	M: Surya Prakash
166	2122K0474	SURYAPRAKASH M	M: Surya Prakash
167	2122K0473	SURYA V	Surya V
168	2122K0476	SWETHA M	Swetha M
169	2122K0477	SWETHA V	Swetha V
170	2122K0478	THARUN S	Tharun
171	2122K0479	VISHNU PRADEEP	Vishnu

**KG COLLEGE OF ARTS AND SCIENCE**  
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Name of the course : Developing AR/VR/MR/XR with webXR ,Unity & Unreal  
 Duration of the course : 30 Hrs  
 Start date : 14.11.2022  
 End date : 14.12.2022  
 Class : II B.Sc. CS A, B, C

Attendance

S. No.	Reg. No.	Name of the Student	14.11.2022	15.11.2022	16.11.2022	17.11.2022	18.11.2022
1	2122K0310	AASHITHA R	A	A	A	A	A
2	2122K0311	ABHILASH K	A	A	A	A	A
3	2122K0312	AJAY K	A	A	A	A	A
4	2122K0313	AKAASH B U	A	A	A	A	A
5	2122K0314	ARUNASH B U	A	A	A	A	A
6	2122K0315	ARUNRAJ S	A	A	A	A	A
7	2122K0316	BAVANTH KUMAR R	A	A	A	A	A
8	2122K0317	CHARU R	A	A	A	A	A
9	2122K0318	DHANUSH KUMAR K	A	A	A	A	A
10	2122K0319	DHARNESH V	A	A	A	A	A
11	2122K0320	DHARSHAN KUMAR A	A	A	A	A	A
12	2122K0321	DIGEEESH G M	A	A	A	A	A
13	2122K0322	GAYATHIRI M V	A	A	A	A	A
14	2122K0323	GOKIL P	A	A	A	A	A
15	2122K0324	GOKUL G	A	A	A	A	A
16	2122K0326	GOWTHAM M	A	A	A	A	A
17	2122K0327	JIAREESH R	A	A	A	A	A
18	2122K0328	JARIHARAN V	A	A	A	A	A
19	2122K0329	KARTHIK S	A	A	A	A	A
20	2122K0330	KAVIN S	A	A	A	A	A
21	2122K0331	LAKSHAN G	A	A	A	A	A
22	2122K0333	MADHUMITHA R	A	A	A	A	A
23	2122K0332	MADHUMITHA R	A	A	A	A	A
24	2122K0334	MAHARAJA A	A	A	A	A	A
25	2122K0335	MANJU S	A	A	A	A	A
26	2122K0336	MARIA STEPHEN A	A	A	A	A	A
27	2122K0337	MARIYA ROSELINE A	A	A	A	A	A
28	2122K0338	NANDHINI J	A	A	A	A	A
29	2122K0339	PADMESH S	A	A	A	A	A
30	2122K0340	PARAMESH S	A	A	A	A	A
31	2122K0341	POOJA G	A	A	A	A	A
32	2122K0342	PRAGATHEESVARA S	A	A	A	A	A
33	2122K0343	RAGUL R	A	A	A	A	A
34	2122K0344	RAJENDRAN R	A	A	A	A	A
35	2122K0345	SABARINATHAN M	A	A	A	A	A
36	2122K0346	SABARINATHAN N	A	A	A	A	A
37	2122K0347	SAISHREE R	A	A	A	A	A
38	2122K0348	SAJITH K	A	A	A	A	A
39	2122K0349	SAMYUKTHA V	A	A	A	A	A
40	2122K0350	SANJAY G	A	A	A	A	A
41	2122K0351	SANJAY S	A	A	A	A	A
42	2122K0352	SANJEEVIRAM G	A	A	A	A	A
43	2122K0353	SANJITHA G	A	A	A	A	A
44	2122K0354	SANOFIYA S	A	A	A	A	A
45	2122K0355	SANTHOSH E	A	A	A	A	A
46	2122K0356	SANTHOSH K	A	A	A	A	A
47	2122K0357	SANTHOSH PRABHU S	A	A	A	A	A
48	2122K0358	SARAN C D	A	A	A	A	A
49	2122K0359	SATHYA N	A	A	A	A	A
50	2122K0360	SELCIA JEMMIMA S S	A	A	A	A	A
51	2122K0361	SOWMIYA S	A	A	A	A	A

S. No.	Reg. No.	Name of the Student	14.11.2022	15.11.2022	16.11.2022	17.11.2022	18.11.2022
52	2122K0362	SRIDHAR P	Sridhar P	Sridhar P	Sridhar P	Sridhar P	Sridhar P
53	2122K0363	TIANUSH K	Tianush K	Tianush K	Tianush K	Tianush K	Tianush K
54	2122K0364	VARSINI S	Varsini S	Varsini S	Varsini S	Varsini S	Varsini S
55	2122K0365	VASANTHI R	Vasanthi R	Vasanthi R	Vasanthi R	Vasanthi R	Vasanthi R
56	2122K0366	VENKATESH K	Venkatesh K	Venkatesh K	Venkatesh K	Venkatesh K	Venkatesh K
57	2122K0367	VIGNESH S	Vignesh S	Vignesh S	Vignesh S	Vignesh S	Vignesh S
58	2122K0368	VINITHASRI K	Vinithasri K	Vinithasri K	Vinithasri K	Vinithasri K	Vinithasri K
59	2122K0369	YOGESHWARAN B	Yogeshwaran B	Yogeshwaran B	Yogeshwaran B	Yogeshwaran B	Yogeshwaran B
60	2122K0370	ABINESH K	Abineth K	Abineth K	Abineth K	Abineth K	Abineth K
61	2122K0371	ABINITHI G	Abinithi G	Abinithi G	Abinithi G	Abinithi G	Abinithi G
62	2122K0372	AKASH E	Akash E	Akash E	Akash E	Akash E	Akash E
63	2122K0373	AKSHAYA A	Akshaya A	Akshaya A	Akshaya A	Akshaya A	Akshaya A
64	2122K0374	ALEX M VARGHESE	Alex M Varghese	Alex M Varghese	Alex M Varghese	Alex M Varghese	Alex M Varghese
65	2122K0375	ARUN MANIKANDAN A	Arun Manikandan A	Arun Manikandan A	Arun Manikandan A	Arun Manikandan A	Arun Manikandan A
66	2122K0376	ASHWIN K S	Ashwin K S	Ashwin K S	Ashwin K S	Ashwin K S	Ashwin K S
67	2122K0377	BHUVAN P	Bhuvan P	Bhuvan P	Bhuvan P	Bhuvan P	Bhuvan P
68	2122K0378	BOOMIKA P	Boomika P	Boomika P	Boomika P	Boomika P	Boomika P
69	2122K0379	DEEPAKRAJA D	Deepakraja D	Deepakraja D	Deepakraja D	Deepakraja D	Deepakraja D
70	2122K0380	DHARUN R	Dharun R	Dharun R	Dharun R	Dharun R	Dharun R
71	2122K0381	DHINAKAR S	Dhinakar S	Dhinakar S	Dhinakar S	Dhinakar S	Dhinakar S
72	2122K0382	DINESH D	Dinesh D	Dinesh D	Dinesh D	Dinesh D	Dinesh D
73	2122K0383	GANGA N	Ganga N	Ganga N	Ganga N	Ganga N	Ganga N
74	2122K0385	GOKULAPRIYA R	Gokulapriya R	Gokulapriya R	Gokulapriya R	Gokulapriya R	Gokulapriya R
75	2122K0384	GOKUL M	Gokul M	Gokul M	Gokul M	Gokul M	Gokul M
76	2122K0386	HARI PRASATH R I	Hari Prasath R I	Hari Prasath R I	Hari Prasath R I	Hari Prasath R I	Hari Prasath R I
77	2122K0387	ISRATH BEGUM M	Israth Begum M	Israth Begum M	Israth Begum M	Israth Begum M	Israth Begum M
78	2122K0389	KAVIN d	Kavin d	Kavin d	Kavin d	Kavin d	Kavin d
79	2122K0390	KAVIYA S	Kaviya S	Kaviya S	Kaviya S	Kaviya S	Kaviya S
80	2122K0391	LAVANYA R	Lavanya R	Lavanya R	Lavanya R	Lavanya R	Lavanya R
81	2122K0392	MOHAMMED RIYASUL HUG S	Mohammed Riyasul Hug S	Mohammed Riyasul Hug S	Mohammed Riyasul Hug S	Mohammed Riyasul Hug S	Mohammed Riyasul Hug S
82	2122K0393	MOHAMMED UMAR S	Mohammed Umar S	Mohammed Umar S	Mohammed Umar S	Mohammed Umar S	Mohammed Umar S
83	2122K0395	MOHANA PREETHIKA R	Mohana Preethika R	Mohana Preethika R	Mohana Preethika R	Mohana Preethika R	Mohana Preethika R
84	2122K0396	MOHANRAJ A	Mohanraj A	Mohanraj A	Mohanraj A	Mohanraj A	Mohanraj A
85	2122K0394	MOHAN RAJ P	Mohan Raj P	Mohan Raj P	Mohan Raj P	Mohan Raj P	Mohan Raj P
86	2122K0397	MONISH KARTHIK A S	Monish Karthik A S	Monish Karthik A S	Monish Karthik A S	Monish Karthik A S	Monish Karthik A S
87	2122K0398	MOWLI SIBI Ka V	Mowli Sibi Ka V	Mowli Sibi Ka V	Mowli Sibi Ka V	Mowli Sibi Ka V	Mowli Sibi Ka V
88	2122K0399	NAGULESH A	Nagulesh A	Nagulesh A	Nagulesh A	Nagulesh A	Nagulesh A
89	2122K0400	NIRMAL S	Nirmal S	Nirmal S	Nirmal S	Nirmal S	Nirmal S
90	2122K0401	NISHA A	Nisha A	Nisha A	Nisha A	Nisha A	Nisha A
91	2122K0402	POORNIKHA A	Poornikha A	Poornikha A	Poornikha A	Poornikha A	Poornikha A
92	2122K0403	PRANESH KARTHICK S	Pranesh Karthick S	Pranesh Karthick S	Pranesh Karthick S	Pranesh Karthick S	Pranesh Karthick S
93	2122K0404	PRATHISHA S	Prathisha S	Prathisha S	Prathisha S	Prathisha S	Prathisha S
94	2122K0405	RAJESWARI V	Rajeswari V	Rajeswari V	Rajeswari V	Rajeswari V	Rajeswari V
95	2122K0406	RAMJI S	Ramji S	Ramji S	Ramji S	Ramji S	Ramji S
96	2122K0407	SARAN R	Saran R	Saran R	Saran R	Saran R	Saran R
97	2122K0408	SHARUMATHI A	Sharumathi A	Sharumathi A	Sharumathi A	Sharumathi A	Sharumathi A
98	2122K0409	SHRUTHI K	Shruthi K	Shruthi K	Shruthi K	Shruthi K	Shruthi K
99	2122K0410	SHYAM SuNDAR P	Shyam Sundar P	Shyam Sundar P	Shyam Sundar P	Shyam Sundar P	Shyam Sundar P
100	2122K0411	SNEKHA R	Snekha R	Snekha R	Snekha R	Snekha R	Snekha R
101	2122K0412	SOUNDARIYA K	Soundariya K	Soundariya K	Soundariya K	Soundariya K	Soundariya K
102	2122K0413	SOURISH R	Sourish R	Sourish R	Sourish R	Sourish R	Sourish R
103	2122K0414	SRI RAMYA T	Sri Ramya T	Sri Ramya T	Sri Ramya T	Sri Ramya T	Sri Ramya T
104	2122K0416	SRISAHANA M	Srisahana M	Srisahana M	Srisahana M	Srisahana M	Srisahana M
105	2122K0415	SRI VARSHINI S	Sri Varshini S	Sri Varshini S	Sri Varshini S	Sri Varshini S	Sri Varshini S
106	2122K0417	THARUN KUMAR K	Tharun Kumar K	Tharun Kumar K	Tharun Kumar K	Tharun Kumar K	Tharun Kumar K
107	2122K0418	VIJAYADHARSHINI S	Vijayadharshini S	Vijayadharshini S	Vijayadharshini S	Vijayadharshini S	Vijayadharshini S
108	2122K0419	VIKRAM V	Vikram V	Vikram V	Vikram V	Vikram V	Vikram V
109	2122K0420	VINODHINI V	Vinodhini V	Vinodhini V	Vinodhini V	Vinodhini V	Vinodhini V
110	2122K0421	VINOJ KUMAR S	Vinoj Kumar S	Vinoj Kumar S	Vinoj Kumar S	Vinoj Kumar S	Vinoj Kumar S
111	2122K0422	VISHNU S	Vishnu S	Vishnu S	Vishnu S	Vishnu S	Vishnu S
112	2122K0423	VIVIN G R	Vivin G R	Vivin G R	Vivin G R	Vivin G R	Vivin G R
113	2122K0424	WASIM AKRAM Z	Wasim Akram Z	Wasim Akram Z	Wasim Akram Z	Wasim Akram Z	Wasim Akram Z
114	2122K0425	YOGESH P	Yogesh P	Yogesh P	Yogesh P	Yogesh P	Yogesh P

S. No.	Reg. No.	Name of the Student	14.11.2022	15.11.2022	16.11.2022	17.11.2022	18.11.2022
115	2122K7002	AISWARYA S	A	A	A	A	A
116	2122K1071	KIRAN R	A	A	A	A	A
117	2122K7001	BALASUBRAHMANYAM DEEPAK	B. Deek	B. Deek	A	B. Deek	B. Deek
118	2122K0426	AJAY KUMAR E	A	A	A	A	A
119	2122K0427	AJAY KUMAR R	A	A	A	A	A
120	2122K0428	ANAS J	A	A	A	A	A
121	2122K0429	ARAVIND S	A	A	A	A	A
122	2122K0430	ARUN M	A	A	A	A	A
123	2122K0431	ATHUL SANKAR K	A	A	A	A	A
124	2122K0432	DEVENDRAN K P	A	A	A	A	A
125	2122K0433	DHIVAKAR A	A	A	A	A	A
126	2122K0434	GOMATHI N	A	A	A	A	A
127	2122K0435	GOWSALYA E	A	A	A	A	A
128	2122K0436	HARIHARAN M	A	A	A	A	A
129	2122K0437	JAGADHEESH A S	A	A	A	A	A
130	2122K0438	KAMALESH B	A	A	A	A	A
131	2122K0439	KARTHICK D	A	A	A	A	A
132	2122K0440	KARTHIKEYAN M	A	A	A	A	A
133	2122K0441	KAVIN KISHORE V	A	A	A	A	A
134	2122K0442	KENETHCOSAM GEORGE THIRUPALLI	A	A	A	A	A
135	2122K0443	KOWSIK c	A	A	A	A	A
136	2122K0444	MUKILAN R	A	A	A	A	A
137	2122K0445	MUGUNTH R P	A	A	A	A	A
138	2122K0446	MUKESH K	A	A	A	A	A
139	2122K0447	MUKESH M	A	A	A	A	A
140	2122K0448	MUTAMIL A	A	A	A	A	A
141	2122K0449	MUTHUSAMY P	A	A	A	A	A
142	2122K0450	NAVEN J	A	A	A	A	A
143	2122K0451	NISHANTH G	A	A	A	A	A
144	2122K0452	NITHEESH K	A	A	A	A	A
145	2122K0453	PRAVEEN PRASATH S	A	A	A	A	A
146	2122K0454	PRETHIKKA G	A	A	A	A	A
147	2122K0455	PRIYADHARSHINI A	A	A	A	A	A
148	2122K0456	RATISH M	A	A	A	A	A
149	2122K0457	RAVIKIRAN R	A	A	A	A	A
150	2122K0458	SARATH M	A	A	A	A	A
151	2122K0459	SHAKTHISARAN G	A	A	A	A	A
152	2122K0460	SIVANESWARI R	A	A	A	A	A
153	2122K0461	SMEILEY S	A	A	A	A	A
154	2122K0462	SNEHA S	A	A	A	A	A
155	2122K0463	SONA B	A	A	A	A	A
156	2122K0464	SRIDHAR R	A	A	A	A	A
157	2122K0465	SRINATH S	A	A	A	A	A
158	2122K0466	SRIRAM V	A	A	A	A	A
159	2122K0468	SRUTHI. G	A	A	A	A	A
160	2122K0467	SRUTHI N	A	A	A	A	A
161	2122K0469	SUNANTHA S	A	A	A	A	A
162	2122K0470	SURIYA N	A	A	A	A	A
163	2122K0471	SURYA M	A	A	A	A	A
164	2122K0472	SURYA MN	A	A	A	A	A
165	2122K0475	SURYAPRAKASH M	A	A	A	A	A
166	2122K0474	SURYAPRAKASH M	A	A	A	A	A
167	2122K0473	SURYA V	A	A	A	A	A
168	2122K0476	SWETHA M	A	A	A	A	A
169	2122K0477	SWETHA V	A	A	A	A	A
170	2122K0478	THARUN S	A	A	A	A	A
171	2122K0479	VISHNU PRADEEP	A	A	A	A	A
NO. of Students Present			158	160	160	153	162
NO. of Students Absent			13	11	11	18	9
Signature of the co-ordinator			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]



Oct 26, 2022

**Mohammed Riyasul Hug**

has successfully completed

**Developing AR/VR/MR/XR Apps with WebXR, Unity & Unreal**

an online non-credit course authorized by University of Michigan and offered through Coursera



COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/U68F83N8GPR9>  
Coursera has confirmed the identity of this individual and their participation in the course.

## Android Using Kotlin

### Syllabus:

Name of the Course	Android App using Kotlin
Course Code	22SCIIT
Duration	30 hours
Start Date	14-11-2022
End Date	18-11-2022
Prerequisite	Advanced in computers, logical thinking and App Development in programming.

### **Android App using Kotlin (IIT Bombay Spoken Tutorial)**

#### 1. Overview of Kotlin

Foss: Android app using Kotlin - English

Outline: Introduction about Basic level tutorials Introduction about Intermediate level tutorials About Android studio About Kotlin Features of Kotlin Glimpse of Spoken Tutorials available on Android App.

#### 2. Installation of Android Studio

Foss: Android app using Kotlin - English

Outline: Installation of Android Studio System prerequisites for installation Demonstration on how to install Android Studio on Ubuntu Linux OS Download from <https://developer.android.com/studio/>

#### 3. Getting started with Hello World app

Foss: Android app using Kotlin - English

Outline: Launch the Android studio Create a new Android Studio project Steps for creating a new Application How to create a new activity? Explore the Android Studio interface Steps to enable USB debugging.

#### 4. Creating a Registration form

Foss: Android app using Kotlin - English

Outline: Creating a simple registration form How to use tools such as TextView, Plain Text and Buttons? Add a TextView and set the attributes How to align and resize a view in ConstraintLayout?

#### 5. Adding Radio Buttons

Foss: Android app using Kotlin - English

Outline: Open an existing Android Studio Project Why we need Radio Group? How to add Radio Group? Set the attributes for Radio Group How to add Radio button? Set the text attribute for Radio button.

#### 6. Adding spinner and Image

Foss: Android app using Kotlin - English

Outline: Open an existing Android Studio Project How to add Spinner? Set the attributes for spinner Add list of items to spinner through kotlin code Create an array adapter Source code .

#### 7. Creating a Search App

Foss: Android app using Kotlin - English

Outline: Create a new Android Studio project as ST search Data identification in Spoken tutorial server Design the App with Text views, Spinner and Search button How to store the FOSS and Language IDs .

#### 8. URL Request

Foss: Android app using Kotlin - English

Outline: About Spoken tutorial server About API Spoken Tutorial URL format How to make a request to the URL? Add the dependency of Volley library and Picasso Add the required code to get Internet.

#### 9. Display Search Result

Foss: Android app using Kotlin - English

Outline: About RecyclerView Add RecyclerView and set its attributes Create a custom layout Add ImageView to display the thumbnail of videos Add TextView to display the video title and video level.

#### 10. Playing video using YouTube API

Foss: Android app using Kotlin - English

Outline: Create a new project in Google cloud Generate the API key and save it Enable the YouTube API How to use YouTubePlayerView provided by YouTube Initialize the view to play a video from YouTube.

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF COMPUTER APPLICATIONS**  
**ACADEMIC YEAR 2022-2023 / ODD SEMESTER**

**Name of the course** : Android App Using Kotlin  
**Duration of the course** : 30 Hours  
**Start date** : 14/11/2022  
**End date** : 18/11/2022  
**Class** : III BCA A, B, C

**List of Students Enrolled**

S. No.	Register No.	Name of the Student	Signature of the Student
1	2022J0126	AASIQ S	<i>Aasiq S</i>
2	2022J0127	ABINAYA S	<i>Abinaya S</i>
3	2022J0128	AFRUKHAN.A	<i>Afrukhan A</i>
4	2022J0129	AGALYA M	<i>Agalya M</i>
5	2022J0130	ALMAS SULTHANA M	<i>Almas Sulthana M</i>
6	2022J0131	BHUVANA C	<i>Bhuvana C</i>
7	2022J0133	DEEPAK.R	<i>Deepak R</i>
8	2022J0134	DEVGANESH M	<i>Devganesh M</i>
9	2022J0135	DHANUSH S	<i>Dhanush S</i>
10	2022J0136	DHARSHAN G	<i>Dharshan G</i>
11	2022J0137	GOBINATH M	<i>Goobinath m</i>
12	2022J0139	GOKUL DARSHAN A	<i>Gokul Darshan A</i>
13	2022J0138	GOKUL KRISHNANK	<i>Gokul Krishnank</i>
14	2022J0140	HARIPRIYA K	<i>Haripriya K</i>
15	2022J0141	JAGAN R	<i>Jagan R</i>
16	2022J0142	JANA B	<i>Jana B</i>
17	2022J0143	JANARTHANAN R	<i>Janarthanan R</i>
18	2022J0144	JAYASURYA J	<i>Jayasurya J</i>
19	2022J0145	KARTHIK R	<i>Karthik R</i>
20	2022J0146	KARTHIKA S	<i>Karthika S</i>
21	2022J0147	KARTHIKEYAN G	<i>Karthikeyan G</i>
22	2022J0148	KEERTHANA E S	<i>Keerthana</i>
23	2022J0149	KEERTHANA P	<i>Keerthanap</i>
24	2022J0150	LOGANATHAN. P	<i>Loganathan P</i>
25	2022J0151	LOKESH B	<i>Lokesh B</i>
26	2022J0152	MOHAMED YOONUS.S	<i>Mohamed Yonus S</i>
27	2022J0153	MYTHILI S	<i>S. Mythili</i>
28	2022J0154	NANDHINI A	<i>Nandhini A</i>
29	2022J0155	NANDHINI E	<i>Nandhini E</i>
30	2022J0156	NITHIN S	<i>Nithin S</i>
31	2022J0157	PANDI M	<i>Pandi M</i>
32	2022J0158	PAVISH J	<i>Pavish J</i>
33	2022J0159	POOJASRI G	<i>Poojasri G</i>
34	2022J0161	POORNI JEYAM V	<i>Poorini Jeyam V</i>
35	2022J0160	POORNI S	<i>Poorini S</i>

S. No.	Register No.	Name of the Student	Signature of the Student
36	2022J0162	PRABHAKARAN S	<i>S. Prabhakaran</i>
37	2022J0163	PRADHEESH M	<i>P. Pradheesh</i>
38	2022J0164	PRANESH B	<i>P. Pranesh</i>
39	2022J0165	PRAVEEN K	<i>P. Praveen</i>
40	2022J0166	PRINCE SAMUEL D	<i>P. Prince</i>
41	2022J0167	RANGANATHAN V	<i>V. Ranganathan</i>
42	2022J0168	RANITH S	<i>R. Ranith</i>
43	2022J0169	RISHIKESH R	<i>R. Rishikesh</i>
44	2022J0174	SATHYAPRIYA K	<i>K. Sathyapriya</i>
45	2022J0170	SANJEVI	<i>S. Sanjevi</i>
46	2022J0172	SANTHIYA R	<i>R. Santhiya</i>
47	2022J0173	SANTHOSH C	<i>C. Santhosh</i>
48	2022J0175	SATHYA SRIM	<i>M. Sathya Sri</i>
49	2022J0176	SIVAMATHAN K	<i>K. Sivamathan</i>
50	2022J0177	SREE H	<i>H. Sree</i>
51	2022J0178	TAMILARASU K	<i>K. Tamilarasu</i>
52	2022J0179	THEJUS KRISHNA. J	<i>J. Thejus</i>
53	2022J0180	THEENMOZHI V	<i>V. Theenmozhi</i>
54	2022J0181	THIRISHA J	<i>J. Thirisha</i>
55	2022J0182	VELLAI ROJA E	<i>E. Vellairoja</i>
56	2022J0183	WINSTON PRAVEEN KUMAR .P	<i>P. Winston Praveen</i>
57	2022J0184	YASWANTH B	<i>B. Yaswanth</i>
58	2022J0185	YOGESHWARI S	<i>S. Yogeshwari</i>
59	2022J0186	AKHIL K	<i>K. Akhil</i>
60	2022J0187	AMSHAVARTHINI. S	<i>S. Amshavarthini</i>
61	2022J0188	ASHWINI R.R	<i>R. Ashwini</i>
62	2022J0189	BHOOPESH G.M	<i>M. Bhopesha</i>
63	2022J0190	DEEPIKA.T	<i>T. Deepika</i>
64	2022J0191	DIHANYA C.S	<i>S. Dhanya</i>
65	2022J0192	DHARSHEN S	<i>S. Dharshe</i>
66	2022J0193	DILIP KUMAR V	<i>V. Dilip</i>
67	2022J0194	DINESH M	<i>M. Dinesh</i>
68	2022J0195	FAZIL AHAMED K	<i>K. Fazil</i>
69	2022J0196	GEETHA S	<i>S. Geetha</i>
70	2022J0197	GOKUL R	<i>R. Gokul</i>
71	2022J0198	GOKUL S	<i>S. Gokul</i>
72	2022J0199	HAMITHRA S	<i>S. Hamithra</i>
73	2022J0200	JEEVANANDHAM L	<i>L. Jeevanandham</i>
74	2022J0201	JOSHUA J	<i>J. Joshua</i>
75	2022J0202	KARTHIKEYAN P	<i>P. Karthikeyan</i>
76	2022J0204	KAVEEN KUMAR G	<i>G. Kaveen</i>
77	2022J0205	KEERTHANA V	<i>V. Keerthana</i>
78	2022J0206	KOUSHIKA S	<i>S. Koushika</i>
79	2022J0207	MAGESHWARI M	<i>M. Mageshwari</i>
80	2022J0208	MOHAMEDASLAM MUSTHAFA.S	<i>S. Mohamedaslam</i>
81	2022J0209	MOHAMMED RISWAN.M	<i>M. Mohammed</i>
82	2022J0210	MUKESH.M	<i>M. Mukesh</i>

S. No.	Register No.	Name of the Student	Signature of the Student
83	2022J0211	NANDHINI.K	Nandhini K
84	2022J0212	NAVANEETHAKRISHNAN C	Navaneetha Krishnan C
85	2022J0213	NEEDHISHYAN S	Needhishyan S
86	2022J0214	NIVEDITHA DAS.B	Niveditha Das B
87	2022J0215	PAULIN SHEEBA P	Paulin Sheeba P
88	2022J0216	PAVITHRA K	Pavithra K
89	2022J0217	PAVITHRA S	Pavithra S
90	2022J0218	PAVITHRAN M	Pavithran M
91	2022J0219	POORNIMA M	Poornima M
92	2022J0220	PRATHEESWARI C	Pratheeswari C
93	2022J0221	PRAVEEN S	Praveen S
94	2022J0222	PREETHI S	Preethi S
95	2022J0223	PREM KUMAR R	Prem Kumar R
96	2022J0224	PRIYA C S	Priya C S
97	2022J0225	RIYASH S	Riyash S
98	2022J0226	ROOBAGAN M	Roobagan M
99	2022J0227	ROOBAN KUMAR R	Rooban Kumar R
100	2022J0228	SANTHOSH KUMAR R	Santhosh Kumar R
101	2022J0229	SANTHOSH P	Santhosh P
102	2022J0230	SANTHOSH S	Santhosh S
103	2022J0231	SHALINI K	Shalini K
104	2022J0232	SNEHA S	Sneha S
105	2022J0233	SONIYA J	Soniya J
106	2022J0234	SUBASH S	Subash S
107	2022J0235	SUBASRI R	Subasri R
108	2022J0236	SUGANTH S	Suganth S
109	2022J0238	SWETHA K.V	Swetha K.V
110	2022J0239	UDAY CHANDAR R	Uday Chandar R
111	2022J0240	UTHIRASAMY	Uthirasamy
112	2022J0241	VIGNESH A.M	Vignesh A.M
113	2022J0242	VIJAYAHARISH P	Vijayaharish P
114	2022J0243	VIKASH S	Vikash S
115	2022J0244	YOGASRI B	Yogasri B
116	2022J0245	YOKESH M	Yokesh M
117	2022J0246	ARJUN P	Arjun P
118	2022J0247	ASMA.F	Asma F
119	2022J0248	AYISHA SIDDEQUA M J	Ayisha Siddequa M J
120	2022J0249	BAVISH.G	Bavish G
121	2022J0250	BHARATH SOORYA S	Bharath Soorya S
122	2022J0251	DHANYA M	Dhanya M
123	2022J0252	DHARSHINI.N	Dharshini N
124	2022J0253	GANESH S	Ganesh S
125	2022J0254	GEORGE SAPASTIN A	George Sapastin A
126	2022J0255	GNANA SEKARAN D	Gnana Sekaran D
127	2022J0256	GOKILAMANI S	Gokilamani S
128	2022J0257	HARSHATH R	Harshath R
129	2022J0258	INIYAN B	Iniyana B

S. No.	Register No.	Name of the Student	Signature of the Student
130	2022J0259	JAFRIN A	Jafri
131	2022J0260	KANAGAVEL SABARI M	Kanagavel Sabari M
132	2022J0261	KANISHKANTH N	Kanishkath N
133	2022J0262	KARTHIK D	Karthik D
134	2022J0263	KAVIN B	Kavin B
135	2022J0264	KISHORE S S	Kishore S S
136	2022J0265	KRITHIK S	Krithik S
137	2022J0266	LALITA LAL G	Lalitalal G
138	2022J0267	MAHALAKSHMI B	Mahalakshmi B
139	2022J0268	MEGHA M	Megha M
140	2022J0269	MOHANAPRIYA M	Mohanapriya M
141	2022J0270	NAVEEN N	Naveen N
142	2022J0271	NAVEETH IMRAN.M	Naveeth Imran.M
143	2022J0272	NIRMALEESH M	Nirmaleesh M
144	2022J0273	NISHANTH S	Nishanth S
145	2022J0274	PAVITHRA A.M	Pavithra A.M
146	2022J0275	PAVITHRA DEVI R	Pavithra Devi R
147	2022J0276	PAZIL M	Pazil M
148	2022J0277	POOJA DHARSHINI. J	Pooja Dharshini. J
149	2022J0279	PRABANJAN.M	Prabanjan.M
150	2022J0278	PRABAKARAN P	Prabakaran P
151	2022J0280	RAHIN M	Rahin M
152	2022J0281	RAHUL R	Rahul R
153	2022J0282	RAHUL S	Rahul S
154	2022J0283	RENUKADEVI P	Renukadevi P
155	2022J0284	RITHIKA P	Rithika P
156	2022J0285	RITHIKA R	Rithika R
157	2022J0286	RUVEENA M	Ruveena M
158	2022J0287	SANDEP SREERAM. G	Sandep Sreeram. G
159	2022J0288	SANJAY S	Sanjay S
160	2022J0289	SARVESHWARAN.S	Sarveshwaran.S
161	2022J0290	SHALIN.S	Shalin.S
162	2022J0291	SHEIK SALMAN S.A	Sheik Salman S.A
163	2022J0292	SREEVANITHA T	Sreevanitha T
164	2022J0293	SRINITHI R	Srinithi R
165	2022J0294	SRUTHI K	Sruthi K
166	2022J0295	SUJITHA E	Sujitha E
167	2022J0296	SURESH KUMAR N	Suresh Kumar N
168	2022J0297	SUVASI S	Suvasi S
169	2022J0298	SYED ABBAS.C	Syed Abbas.C
170	2022J0299	VINISH M	Vinish M
171	2022J0300	VINITH S	Vinith S
172	2022J0301	VINITHA NIVARTHINI R	Vinitha Nivarthini R
173	2022J0302	VISHAL K S	Vishal K S
174	2022J0303	VISHALIS	Vishalis
175	2022J0304	VISHNU PRIYA S	Vishnu Priya S
176	2022J0305	VISWESH K	Viswesh K

*[Signature]*  
COORDINATOR

*[Signature]*  
HOD

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF COMPUTER APPLICATIONS**  
**ACADEMIC YEAR 2022-2023 / ODD SEMESTER**

Name of the course : Android App Using Kotlin  
Duration of the course : 30 Hours  
Start date : 14/11/2022  
End date : 18/11/2022  
Class : III BCA A, B, C

S. No.	Register No.	Name of the Student	14-11-2022	15-11-2022	16-11-2022	17-11-2022	18-11-2022
1	2022J0126	AASIQ S	A	A	A	A	A
2	2022J0127	ABINAYA S	S.A	S.A	S.A	S.A	A
3	2022J0128	AFRUKHAN.A	A.A	AA	A.A	A	AA
4	2022J0129	AGALYA M	M.A	M.A	A	M.A	M.A
5	2022J0130	ALMAS SULTHANA M	M.A.S	M.A.S	M.A.S	M.A.S	M.A.S
6	2022J0131	BIHUVANA C	CB	CB	CB	CB	CB
7	2022J0133	DEEPAK R	DR	DR	DR	DR	DR
8	2022J0134	DEVGANESH M	MDG	MDG	A	A	MDG
9	2022J0135	DHANUSH S	S.D	S.D	S.D	S.D	S.D
10	2022J0136	DHARSHAN G	D.N	D.N	D.N	D.N	D.N
11	2022J0137	GOBINATH M	M.V	M.V	M.V	M.V	M.V
12	2022J0139	GOKUL DARSHAN A	A	A	A	A	A
13	2022J0138	GOKUL KRISHNANK	K.G	K.G	K.G	K.G	K.G
14	2022J0140	HARIPRIYA K	H.K	H.K	H.K	H.K	H.K
15	2022J0141	JAGAN R	JA	JA	JA	A	JA
16	2022J0142	JANA B	A	JAN	JAN	JAN	JAN
17	2022J0143	JANARTHANAN R	A	Jan	Jan	Jan	Jan
18	2022J0144	JAYASURYA J	J	J	J	J	J
19	2022J0145	KARTHIK R	R.K	R.K	A	R.K	R.K
20	2022J0146	KARTHIKA S	S.K	S.K	S.K	S.K	S.K
21	2022J0147	KARTHIKEYAN G	A	A	K.K	K.K	K.E
22	2022J0148	KEERTHANA E S	ES.K	ES.K	ES.K	A	ES.K
23	2022J0149	KEERTHANA P	P.K	PK	PK	PK	PK
24	2022J0150	LOGANATHAN. P	P.L	P.L	P.L	P.L	A
25	2022J0151	LOKESH B	A	A	A	A	A
26	2022J0152	MOHAMED YOONUS.S	S.MY	C.MY	C.MY	A	A
27	2022J0153	MYTHILIS	S.M	S.M	S.M	A	S.M
28	2022J0154	NANDHINI A	A.N	AN	AN	AN	AN
29	2022J0155	NANDHINI E	E.N	E.N	E.N	E.N	E.N
30	2022J0156	NITHIN S	Ni	Ni	Ni	A	Ni
31	2022J0157	PANDI M	M.P	A	A	A	A
32	2022J0158	PAVISH J	J.P	J.P	J.P	J.P	J.P
33	2022J0159	POOJASRI G	G.P	G.P	G.P	G.P	G.P
34	2022J0161	POORNI JEYAM V	V.P	V.P	V.P	V.P	A
35	2022J0160	POORNI S	SP	SP	A	A	SP
36	2022J0162	PRABHAKARAN S	PK	A	A	PK	A
37	2022J0163	PRADHEESH M	Prade	Prade	Prade	A	Prade
38	2022J0164	PRANESH B	B	A	Prade	B	Prade
39	2022J0165	PRAVEEN. K	A	PRA	PRA	A	A
40	2022J0166	PRINCE SAMUEL D	PS	PS	PS	PS	PS
41	2022J0167	RANGANATHAN V	VR	VR	VR	VR	VR
42	2022J0168	RANITH S	A	A	Ranith	A	Ranith
43	2022J0169	RISHIKESH R	R.R	R.R	R.R	R.R	R.R
44	2022J0174	SATHYAPRIYA K	SP	SP	SP	A	SP
45	2022J0170	SANJEEVI	S.K	S.K	S.K	S.K	S.K
46	2022J0172	SANTHIYA R	SR	SR	SR	SR	SR
47	2022J0173	SANTHOSH C	S.A	S.A	S.A	S.A	S.A
48	2022J0175	SATHYA SRIM	M.S	M.S	M.S	M.S	M.S
49	2022J0176	SIVAMATHAN K	SM	A	SM	A	SM
50	2022J0177	SREE H	A	A	A	A	A
51	2022J0178	TAMILARASU K	A	T.A	A	A	T.A
52	2022J0179	THEJUS KRISHNA. J	T.J	T.J	T.J	T.J	T.J
53	2022J0180	THENMOZH V	V.T	V.T	V.T	V.T	V.T

S. No.	Register No.	Name of the Student	14-11-2022	15-11-2022	16-11-2022	17-11-2022	18-11-2022
54	2022J0181	THIRISHA J	TJ	TJ	TJ	TJ	TJ
55	2022J0182	VELLAIROJAE	V-E	VE	VE	VE	VE
56	2022J0183	WINSTON PRAVEEN KUMAR P	WPK	WPK	WPK	WPK	WPK
57	2022J0184	YASWANTH B	A	YB	YB	YB	YB
58	2022J0185	YOGESHWARI S	Y-S	Y-S	Y-S	A	Y-S
59	2022J0186	AKHIL K	AK	AK	AK	AK	AK
60	2022J0187	AMSHAVARTHINI S	AS	AS	A	A	AS
61	2022J0188	ASHWINI R R	ARR	ARR	ARR	ARR	ARR
62	2022J0189	BHOOPESH G M	BGIM	BGIM	BGIM	BGIM	BGIM
63	2022J0190	DEEPIKA T	DT	DT	DT	DT	DT
64	2022J0191	DHANYA C S	DCS	DCS	DCS	DCS	DCS
65	2022J0192	DHARSHINI S	D-S	D-S	D-S	D-S	D-S
66	2022J0193	DHIP KUMAR V	Y.D	VD	VD	VD	VD
67	2022J0194	DINESH M	DM	A	DM	DM	A
68	2022J0195	FAZIL AHAMED K	KF	KF	KF	KF	KF
69	2022J0196	GEETHA S	SGI	A	SGI	SGI	SGI
70	2022J0197	GOKUL R	RGI	RGI	RGI	RGI	RGI
71	2022J0198	GOKUL S	SGI	SGI	SGI	SGI	SGI
72	2022J0199	HAMITHRA S	SH	SH	SH	SH	SH
73	2022J0200	JEEVANANDHAM L	LJ	LJ	LJ	LJ	LJ
74	2022J0201	JOSHUA J	JJ	JJ	JJ	JJ	JJ
75	2022J0202	KARTHIKEYAN P	PK	PK	PK	PK	PK
76	2022J0204	KAVIEN KUMAR G	A	A	GK	GK	GK
77	2022J0205	KEERTHANA V	YK	YK	YK	YK	YK
78	2022J0206	KOUSHIKA S	SK	A	SK	SK	SK
79	2022J0207	MAGESHWARI M	MM	MM	MM	MM	MM
80	2022J0208	MOHAMMEDASLAM MUSTHAFA S	S M	S M	S M	S M	S M
81	2022J0209	MOHAMMED RISWAN M	MM	MM	MM	A	MM
82	2022J0210	MUKESH M	MM	MM	MM	MM	MM
83	2022J0211	NANDHIN K	KN	KN	KN	KN	KN
84	2022J0212	NAVANEETHAKRISHNAN C	CN	CN	CN	CN	CN
85	2022J0213	NEEDHISHYAN S	A	SN	SN	A	SN
86	2022J0214	NIVEDITHA DAS.B	BN	BN	BN	BN	BN
87	2022J0215	PAULIN SHEEBA P	A	PP	PP	PP	PP
88	2022J0216	PAVITHRA K	KP	KP	KP	KP	KP
89	2022J0217	PAVITHRA S	SP	SP	SP	SP	SP
90	2022J0218	PAVITHRAN M	M P	A	MP	MP	MP
91	2022J0219	POORNIMA M	M P	M P	M P	M P	M P
92	2022J0220	PRATHEESWARI C	CP	CP	CP	CP	CP
93	2022J0221	PRAVEEN S	SP	SP	SP	SP	SP
94	2022J0222	PREETHI S	SP	SP	SP	A	SP
95	2022J0223	PREM KUMAR R	RP	A	RP	A	RP
96	2022J0224	PRIYA C S	CSP	CSP	CSP	CSP	CSP
97	2022J0225	RIYASH S	SR	SR	SR	SR	SR
98	2022J0226	ROOBAGAN M	MR	MR	MR	MR	A
99	2022J0227	ROOBAN KUMAR R	RR	RR	RR	A	RR
100	2022J0228	SANTHOSH KUMAR R	RS	RS	A	RS	RS
101	2022J0229	SANTHOSH P	SP	A	SP	SP	SP
102	2022J0230	SANTHOSH S	SS	SS	SS	A	SS
103	2022J0231	SHALINI K	KS	KS	KS	KS	KS
104	2022J0232	SNEHA S	A	A	SS	SS	SS
105	2022J0233	SONIYA J	JS	JS	JS	JS	JS
106	2022J0234	SUBASH S	SS	SS	SS	SS	SS
107	2022J0235	SUBASRI R	RS	RS	RS	RS	RS
108	2022J0236	SUGANTH S	SS	SS	SS	SS	SS
109	2022J0238	SWETHA K.V	KVS	KVS	KVS	KVS	KVS
110	2022J0239	UDAY CHANDAR R	RU	RU	RU	RU	RU
111	2022J0240	UTHIRASAMY	U	U	U	U	A
112	2022J0241	VIGNESH A.M	AMV	A	AMV	AMV	AMV
113	2022J0242	VIJAYAHARISH P	PV	A	PV	PV	PV
114	2022J0243	VIKASH S	SV	SV	SV	SV	SV
115	2022J0244	YOGASRI B	BY	BY	BY	A	BY
116	2022J0245	YOKESH M	MY	MY	MY	MY	MY

S. No.	Register No.	Name of the Student	14-11-2022	15-11-2022	16-11-2022	17-11-2022	18-11-2022
117	202210246	ARJUN P	Arjun	Arjun	Arjun	Arjun	Arjun
118	202210247	ASMA F	Asma	Asma	Asma	Asma	Asma
119	202210248	AYISHA SIDDIQUA M J	Ayisha	Ayisha	Ayisha	Ayisha	Ayisha
120	202210249	BAVISH G	Bavish	Bavish	Bavish	Bavish	Bavish
121	202210250	BIHARATHI SOORYA S	Biharathi	Biharathi	Biharathi	Biharathi	Biharathi
122	202210251	DIHANYA M	Dihanya	Dihanya	Dihanya	Dihanya	Dihanya
123	202210252	DIHARSHINI N	Diharshini	Diharshini	Diharshini	Diharshini	Diharshini
124	202210253	GANI SH S	Gani	Gani	Gani	Gani	Gani
125	202210254	GEORGE SAPASTIN A	George	George	George	George	George
126	202210255	GNANA SEKARAN D	Gnana	Gnana	Gnana	Gnana	Gnana
127	202210256	GOKILAMANI S	Gokila	Gokila	Gokila	Gokila	Gokila
128	202210257	HARSHATHI R	Harshathi	Harshathi	Harshathi	Harshathi	Harshathi
129	202210258	INIYAN B	Iniyana	Iniyana	Iniyana	Iniyana	Iniyana
130	202210259	JAFRIN A	Jafrin	Jafrin	Jafrin	Jafrin	Jafrin
131	202210260	KANAGAVI L SABARI M	Kanagavi	Kanagavi	Kanagavi	Kanagavi	Kanagavi
132	202210261	KANISHKANITHAN	Kanishkanithan	Kanishkanithan	Kanishkanithan	Kanishkanithan	Kanishkanithan
133	202210262	KARTHIK D	Karthik	Karthik	Karthik	Karthik	Karthik
134	202210263	KAVIN B	Kavin	Kavin	Kavin	Kavin	Kavin
135	202210264	KISHORE S S	Kishore	Kishore	Kishore	Kishore	Kishore
136	202210265	KRITHIK S	Krithik	Krithik	Krithik	Krithik	Krithik
137	202210266	LALITA LAL G	Lalita	Lalita	Lalita	Lalita	Lalita
138	202210267	MAHALAKSHMI B	Mahalakshmi	Mahalakshmi	Mahalakshmi	Mahalakshmi	Mahalakshmi
139	202210268	MEGHIA M	Meghia	Meghia	Meghia	Meghia	Meghia
140	202210269	MOHANAPRIYA M	Mohanapriya	Mohanapriya	Mohanapriya	Mohanapriya	Mohanapriya
141	202210270	NAVEEN N	Naveen	Naveen	Naveen	Naveen	Naveen
142	202210271	NAVEETHIMRAN M	Naveethimran	Naveethimran	Naveethimran	Naveethimran	Naveethimran
143	202210272	NIRMALEESH M	Nirmaleesh	Nirmaleesh	Nirmaleesh	Nirmaleesh	Nirmaleesh
144	202210273	NISHANITH S	Nishanith	Nishanith	Nishanith	Nishanith	Nishanith
145	202210274	PAVITHRA A M	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra
146	202210275	PAVITHRA DEVI R	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra
147	202210276	PAZIL M	Pazil	Pazil	Pazil	Pazil	Pazil
148	202210277	POOJA DHARSHINI J	Pooja	Pooja	Pooja	Pooja	Pooja
149	202210279	PRABANJAN M	Prabhanjan	Prabhanjan	Prabhanjan	Prabhanjan	Prabhanjan
150	202210278	PRABAKARAN P	Prabakaran	Prabakaran	Prabakaran	Prabakaran	Prabakaran
151	202210280	RAHIN M	Rahin	Rahin	Rahin	Rahin	Rahin
152	202210281	RAHUL R	Rahul	Rahul	Rahul	Rahul	Rahul
153	202210282	RAHUL S	Rahul	Rahul	Rahul	Rahul	Rahul
154	202210283	RENUKADEVI P	Renuka	Renuka	Renuka	Renuka	Renuka
155	202210284	RITHIKA P	Rithika	Rithika	Rithika	Rithika	Rithika
156	202210285	RITHIKA R	Rithika	Rithika	Rithika	Rithika	Rithika
157	202210286	RUVEENA M	Ruveena	Ruveena	Ruveena	Ruveena	Ruveena
158	202210287	SANDEP SREERAM. G	Sandep	Sandep	Sandep	Sandep	Sandep
159	202210288	SANJAY S	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
160	202210289	SARVESHWARAN S	Sarveshwaran	Sarveshwaran	Sarveshwaran	Sarveshwaran	Sarveshwaran
161	202210290	SHALIN S	Shalin	Shalin	Shalin	Shalin	Shalin
162	202210291	SHEIK SALMAN S A	Sheik	Sheik	Sheik	Sheik	Sheik
163	202210292	SREEVANITHA T	Sreevanitha	Sreevanitha	Sreevanitha	Sreevanitha	Sreevanitha
164	202210293	SRINITHI R	Srinithi	Srinithi	Srinithi	Srinithi	Srinithi
165	202210294	SRUTHI K	Sruthi	Sruthi	Sruthi	Sruthi	Sruthi
166	202210295	SUJITHA E	Sujitha	Sujitha	Sujitha	Sujitha	Sujitha
167	202210296	SURESH KUMAR N	Suresh	Suresh	Suresh	Suresh	Suresh
168	202210297	SUVASIS	Suvasis	Suvasis	Suvasis	Suvasis	Suvasis
169	202210298	SYED ABBAS C	Syed	Syed	Syed	Syed	Syed
170	202210299	VINISH M	Vinish	Vinish	Vinish	Vinish	Vinish
171	202210300	VINITH S	Vinith	Vinith	Vinith	Vinith	Vinith
172	202210301	VINITHA NIVARTHINI R	Vinitha	Vinitha	Vinitha	Vinitha	Vinitha
173	202210302	VISHAL K S	Vishal	Vishal	Vishal	Vishal	Vishal
174	202210303	VISHALI S	Vishali	Vishali	Vishali	Vishali	Vishali
175	202210304	VISHNU PRIYA S	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu
176	202210305	VISWESH K	Viswesh	Viswesh	Viswesh	Viswesh	Viswesh
Number Of Students Present			152	149	159	140	159
Number Of Students Absent			24	27	17	36	17
Faculty Signature			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Coordinator

160



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Android app using Kotlin Training

This is to certify that **AKHIL KANNADASAN** has successfully completed **Android app using Kotlin** test organized at **KG College of Arts and Science** by **GOKILAVANI A** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Pavithra C B** from **KG College of Arts and Science** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

December 1st 2022

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

**Prof. Kannan M Moudgalya**  
IIT Bombay

# HTML ,CSS and JavaScript for web Developers

## Programming Foundations with JavaScript, HTML and CSS

**Course code :** 22PJH

**Duration :** 30 hours

**Start Date :** 12-12-22

**End Date :** 16-12-22

### Pre-requisites :

- Basic knowledge in programming

### Course Description :

- To provide the strong foundation in HTML, CSS and JavaScript
- To develop a web page using html,css and JavaScript

### Course Objectives:

1. Think critically about how to solve a problem using programming;
2. Write JavaScript programs using functions, for loops, and conditional statements;
3. Use HTML to construct a web page with paragraphs, divs, images, links, and lists;
4. Add styles to a web page with CSS IDs and classes; and
5. Make a web page interactive with JavaScript commands like alert, onClick, onChange, adding input features like an image canvas, button, and slider.

### Expected Outcome:

- Strong foundations in HTML,CSS with critical thinking in programming
- Create an interactive web page with JavaScript

### Syllabus:

Designing a Web Page with HTML and CSS : Using CodePen - What Is HTML? - Metadata and Sectioning Elements-Formatting Text and Nesting Tags-Adding Images and Links-Images and Storage-Lists and Tables-How CSS Is Used to Design Web Pages-CSS Basics-Colors and Names in CSS. **4 practice exercises** : Using HTML in Formatting Text-Using HTML in Displaying Data - Styling with CSS- Designing a Web Page with HTML and CSS

### Module II :

Algorithms and Programming Concepts : Introduction- Everything Is a Number-How Is That a Number?-Developing an Algorithm-A Seven Step Approach to Solving Programming - Problems-Variables-Methods-Functions-Types-Duke Learn To Program Environment-For Loops-

Conditional Execution-Translating to Code-Thinking Critically about Your Program-Finding Bugs in Code. **6 practice exercises** : Solving Programming Problems-Variables, Methods and Functions-Loops and Conditionals-Modifying Images with JavaScript-Debugging Your Code

Overview of Programming Concepts

### Module III

JavaScript for Web Pages : Introduction-Buttons with Divs-Changing Pages Interactively-Using HTML5 Canvas-Inputs and Events-Upload and Display an Image - Convert Image to Grayscale - Moving to CodePen. **3 practice exercises** - Buttons and Interaction- Event-Driven Programming-Interactive Web Pages

### Module IV

MiniProject: Image Filters on the Web : Introduction -Steganography Part I - Steganography Part II - Steganography Part III- Steganography Coding Example . 3 practice exercises : Review of HTML, CSS, and JavaScript, Steganography math, Steganography.

### Actual Outcome:

- Students able to design a web page
- Learnt how to create image filters on the web and applied steganography

### Assessment Procedure:

- At the end of the modules, MCQ based assessment is conducted.

KG COLLEGE OF ARTS AND SCIENCE

Department of Information Technology

Academic Year - 2022-23

Name of the Course : *Programming Fundamentals with JavaScript, HTML and CSS*

Duration of the Course : *30 Hours*

Start Date : *12-12-22*

End Date : *16-12-22*

Class : I B.Sc. IT

S.No.	Roll. No.	Name of the Student	Signature
1	2226JA01	ABARNA S K	<i>Abarna</i>
2	2226JA02	ABY MATHEW BENNY	<i>Abby Mathew Benny</i>
3	2226JA03	AGNES E J	<i>Agnes E.J.</i>
4	2226JA04	AKALYA A T	<i>Akalya A.T.</i>
5	2226JA05	AKSHAYA M	<i>Akshaya M</i>
6	2226JA06	ANU KEERTHANA T	<i>Anu Keerthana T</i>
7	2226JA07	ANUDHARSHINI B T	<i>Anudharshini B.T.</i>
8	2226JA08	ARULKUMAR M	<i>Arulkumar</i>
9	2226JA09	ASHOK K	<i>Ashok K.</i>
10	2226JA10	AYSHA BANU J	<i>Aysha J</i>
11	2226JA11	BARATHRAJ N	<i>Barathraj N</i>
12	2226JA12	BINUSHA SHERIN I	<i>Binusha Sherin I</i>
13	2226JA13	DEEKSHA J	<i>Deeksha J</i>
14	2226JA14	DHANUSH S	<i>Dhanush S</i>
15	2226JA15	DINESHKARTHIK D	<i>Dinesh Karthik D</i>
16	2226JA16	DURKA C	<i>Durka C</i>
17	2226JA17	GAYATHRI S	<i>G. Athmi</i>
18	2226JA18	HARIHARAN K	<i>Hariharan K</i>
19	2226JA19	HARIKRISHNAN S	<i>Harikrishnan S</i>
20	2226JA20	KABINESH S	<i>S. Kabinesh S</i>
21	2226JA21	KAMALESH C	<i>Kamalesh C</i>
22	2226JA22	KEERTHANA A	<i>Keerthana A</i>

23	2226JA23	LOGAMAALYAA M	Logamaalyaa
24	2226JA24	MADHAN B	Madhan.B
25	2226JA25	MADHU SREE C S	Madhu.sree
26	2226JA26	MADHULIKA N J	Madhulika
27	2226JA27	MANJU M	Manju.m
28	2226JA28	MANOJ KUMAR R	Manoj.kumar
29	2226JA29	MITHREYAN R	Mithreyan.R
30	2226JA30	MOHAMED SARZUNE M	Mohamed Sarzune
31	2226JA31	MOUNA R P	Mouna
32	2226JA32	NANDHINI A	Nandhini.A.
33	2226JA33	NISANTH P	Nisanth.P
34	2226JA34	NITIN V R	Nitin.V.R
35	2226JA35	NIVETHA P	Nivetha.P
36	2226JA36	POOJA LAKSHMI G	Pooja Lakshmi.G
37	2226JA37	PRATHIKSHA S	Prathiksha
38	2226JA38	PRAVEEN N	N.Praveen
39	2226JA39	PRAVEENA D	Praveena.D
40	2226JA41	PREETHI S	S.Preethi
41	2226JA42	PRIYADARSHINI S	S.Priyadarshini
42	2226JA43	RAGAVI A	A.Ragavi
43	2226JA44	RAHULKUMAR C	Rahul.kumar
44	2226JA45	RAMYA V	Ramya.V
45	2226JA46	RATHISH R	Rathish.R
46	2226JA47	ROHITH R	Rohith
47	2226JA48	ROSHINI G	Rohini.G.
48	2226JA49	SAI KUMAR M	Sai.kumar
49	2226JA50	SANDHYA M	Sandhya.M.
50	2226JA51	SANJAYKUMAR A	Sanjay.kumar.A
51	2226JA52	SATHYA SRI K	Sathya.sri.k
52	2226JA53	SHAJITH S	Shajith
53	2226JA54	SHANKAR P S	Shankar
54	2226JA55	SOMESHKUMAR R	Someshkumar.R
55	2226JA56	SUGANTHI A	Suganthi.A

56	2226JA57	SUJITHRA J	<i>Sujithra</i>
57	2226JA58	SWEETLIN ANGEL BABY L	<i>Sweetlin</i>
58	2226JA59	SWEETY MERCY D	<i>Sweety</i>
59	2226JA60	THIRISHA P	<i>Thirisha P</i>
60	2226JA61	LOGESHKUMAR S	<i>Logesh</i>
61	2226JB01	AAKASH M	<i>Aakash</i>
62	2226JB02	ABISHEK M	<i>M. Abhishek</i>
63	2226JB03	AHALYA S	<i>Ahalya S.</i>
64	2226JB04	AISWARYA S	<i>Aiswarya S.</i>
65	2226JB05	ANANTHI M	<i>Ananthi M</i>
66	2226JB06	ANUSIYA SREE N	<i>Anusuya Sreen</i>
67	2226JB07	ARTHI B	<i>Arthi B</i>
68	2226JB08	ARCHANA A R	<i>Archana A.R.</i>
69	2226JB09	AVINASH R	<i>Avinash R</i>
70	2226JB10	DAYAL VAIDIYAA M S	<i>Dayal Vaidiyaa S</i>
71	2226JB11	DEEPATHARANI G	<i>Deepa</i>
72	2226JB12	DHANALAKSHMI G	<i>Dhanalakshmi</i>
73	2226JB13	DHARANI M	<i>Dharani M</i>
74	2226JB14	DIVAKAR J	<i>Divakar J</i>
75	2226JB15	DIVYA V	<i>Divya V</i>
76	2226JB16	HARINI M	<i>Harini M</i>
77	2226JB17	HARSHA VARDINI M	<i>Harshavardini M</i>
78	2226JB18	JAI AAKASH M	<i>Jai Aakash M</i>
79	2226JB19	KAVIYA R	<i>Kaviya R</i>
80	2226JB20	KAVYASHRI R	<i>Kavyashri R</i>
81	2226JB21	KOWSIKA K	<i>Kowsika K</i>
82	2226JB22	LALITH SARAN K	<i>K. Lalith</i>
83	2226JB23	LATCHIYA M	<i>Latchiya M</i>
84	2226JB24	MANIKANDAN S	<i>Manikandan S</i>
85	2226JB25	MANOSHREE A	<i>M.P. A</i>
86	2226JB26	MADHUMITHA S	<i>M. Madhumitha</i>
87	2226JB27	MIRTYUNJAI HUBERT R	<i>Mirtyunjai R</i>
88	2226JB28	NANDHANA M S	<i>Nandhana S</i>

89	2226JB29	ONKAR SINGH P	Onkar Singh P
90	2226JB30	PAVITHRA A	Pavithra A
91	2226JB31	PAVITHRA M	Pavithra M
92	2226JB32	POORNESH P	Poornesh P
93	2226JB33	RAKESH B	Rakesh B
94	2226JB34	RATHISH S	Rathish S
95	2226JB35	RINDHIYA M	Rindhiya M
96	2226JB36	ROHITH T	Rohith T
97	2226JB37	SAKSHI NAKSHATRA S	Sakshi Nakshatra S
98	2226JB38	SAKTHISREE P	Sakthisree P
99	2226JB39	SANDHIYA M	Sandhya M
100	2226JB40	SANGEERTHANA R	Sangeerthana R
101	2226JB41	SANJAY V	Sanjay V
102	2226JB42	SARANYA N	Saranya N
103	2226JB43	SASMITHA N	Sasmitha N
104	2226JB44	SATHYA N	Sathya N
105	2226JB45	SATHYA P	Sathya P
106	2226JB46	SHAM G	Sham G
107	2226JB47	SRIJANANI G	Srijanani G
108	2226JB48	SRIJINA S	S. Srijina
109	2226JB49	SUBIKSHA S	S. Subiksha
110	2226JB50	SURJITH C	Surjith C
111	2226JB51	SYED MOHAMMED ASHIK S	S. Ashik
112	2226JB52	TAMILMANI J	T. Tamilmani
113	2226JB53	THARA K	Thara K
114	2226JB54	VASANTH G	Vasanth G
115	2226JB55	VIDHYA SHREE N	Vidhya shree n
116	2226JB56	VIGNESH S	Vignesh S
117	2226JB57	VIJITHA K V	Vijitha K V
118	2226JB58	VIKASH PATEL D	V. Vikashpatel
119	2226JB59	VINITHA V	V. Vinitha
120	2226JB60	VISALINI P	P. Visali

KG COLLEGE OF ARTS AND SCIENCE

Department of Information Technology

ACADEMIC YEAR 2022-23 -ATTENDANCE

Name of the Course : *Programming Foundations with JavaScript*

Duration of the Course : *30 Hours* *HTML and CSS.*

Start Date : *12-12-22*

End Date : *16-12-22*

Class : I B.Sc. IT

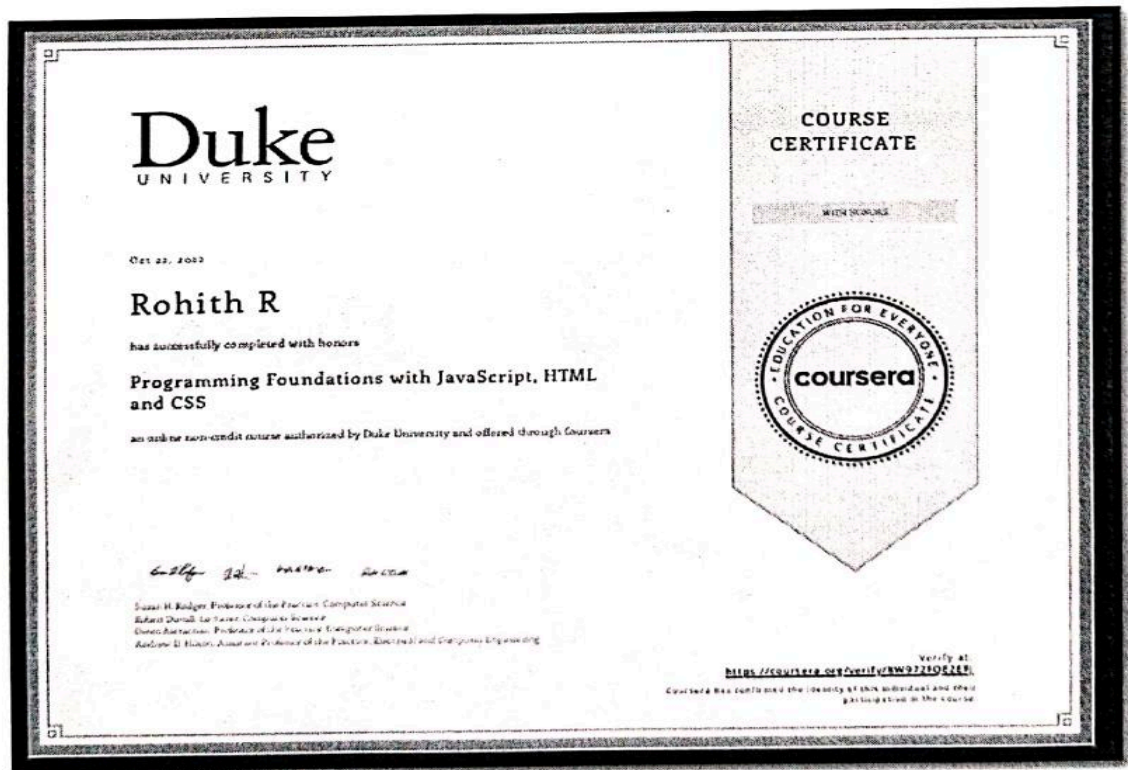
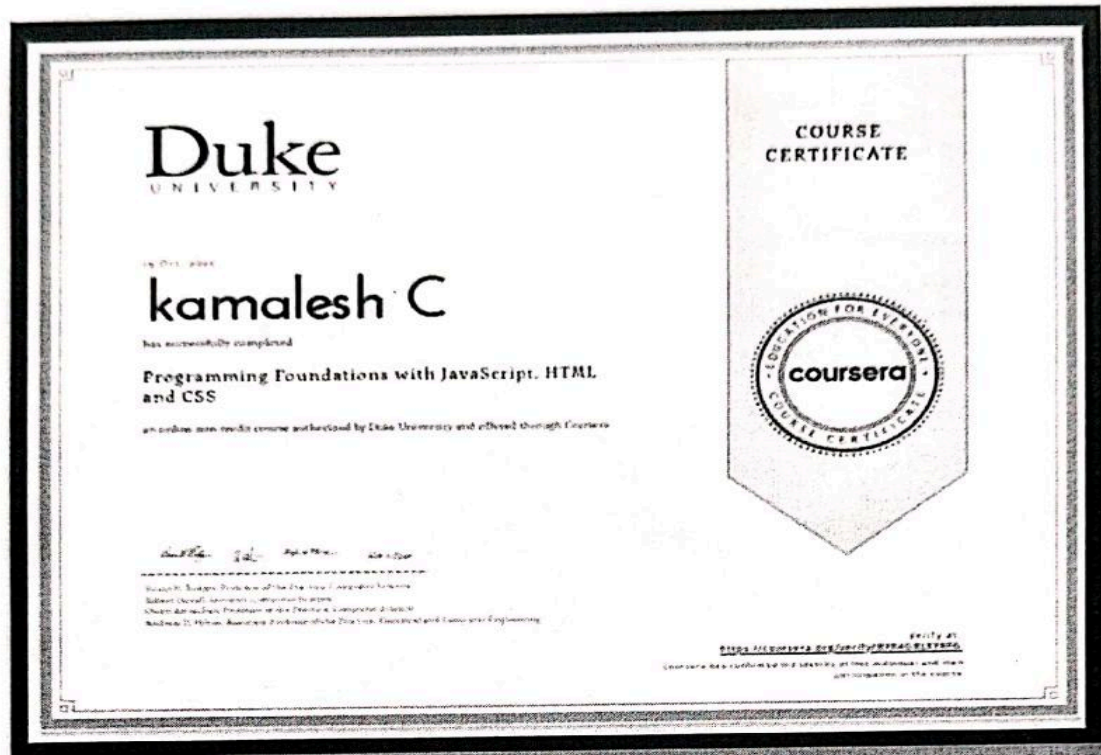
S.No.	Roll. Number	Name of the Student	12-12-22	13-12-22	14-12-22	15-12-22	16-12-22
1	2226JA01	ABARNA S K	Abarna	Abarna	Abarna	Abarna	Abarna
2	2226JA02	ABY MATHEW BENNY	Abby	A	Abby	Abby	Abby
3	2226JA03	AGNES E J	Agnes	Agnes	Agnes	Agnes	Agnes
4	2226JA04	AKALYA A T	Akalya	Akalya	Akalya	Akalya	Akalya
5	2226JA05	AKSHAYA M	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya
6	2226JA06	ANU KEERTHANA T	Anu	Anu	Anu	Anu	Anu
7	2226JA07	ANUDHARSHINI B T	Anudharshini	Anudharshini	Anudharshini	Anudharshini	Anudharshini
8	2226JA08	ARULKUMAR M	Arul Kumar	Arul Kumar	Arul Kumar	Arul Kumar	Arul Kumar
9	2226JA09	ASHOK K	Ashok	A	A	A	A
10	2226JA10	AYSHA BANU J	Aysha	Aysha	Aysha	Aysha	Aysha
11	2226JA11	BARATHRAJ N	Barathraj	Barathraj	Barathraj	Barathraj	Barathraj
12	2226JA12	BINUSHA SHERIN I	Binusha	Binusha	Binusha	Binusha	Binusha
13	2226JA13	DEEKSHA J	Deeksha	Deeksha	Deeksha	Deeksha	Deeksha
14	2226JA14	DHANUSH S	Dhanush	A	Dhanush	Dhanush	Dhanush
15	2226JA15	DINESHKARTHIK D	D	D	D	D	D
16	2226JA16	DURKA C	Durka	Durka	Durka	Durka	Durka
17	2226JA17	GAYATHRI S	Gayathri	Gayathri	Gayathri	Gayathri	Gayathri
18	2226JA18	HARIHARAN K	A	A	A	A	A
19	2226JA19	HARIKRISHNAN S	Hari	Hari	Hari	Hari	Hari
20	2226JA20	KABINESH S	Kabinesh	Kabinesh	Kabinesh	Kabinesh	Kabinesh
21	2226JA21	KAMALESH C	Kamalesh	Kamalesh	Kamalesh	Kamalesh	A

22	2226JA22	KEERTHANA A	Keerthana	Keerthana	Keerthana	A	Keerthana
23	2226JA23	LOGAMAALYAA M	Logamalyaa	Logamalyaa	Logamalyaa		Logamalyaa
24	2226JA24	MADHAN B	A	A	A	Madhan	Madhan
25	2226JA25	MADHU SREE C S	Madhu	Madhu	Madhu	Madhu	Madhu
26	2226JA26	MADHULIKA N J	Madhulika	Madhulika	Madhulika		Madhulika
27	2226JA27	MANJU M	Manju	Manju	Manju	Manju	Manju
28	2226JA28	MANOJ KUMAR R	Manoj	Manoj	A	A	Manoj
29	2226JA29	MITHREYAN R	Mithreyan	A	Mithreyan	Mithreyan	Mithreyan
30	2226JA30	MOHAMED SARZUNE M	Mohamed	Mohamed	A	Mohamed	A
31	2226JA31	MOUNA R P	Mouna	Mouna	Mouna	Mouna	Mouna
32	2226JA32	NANDHINI A	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini
33	2226JA33	NISANTH P	Nisanth	Nisanth	Nisanth	Nisanth	Nisanth
34	2226JA34	NITIN V R	Nitin	Nitin	Nitin	Nitin	Nitin
35	2226JA35	NIVETHA P	Nivetha	Nivetha	Nivetha	Nivetha	Nivetha
36	2226JA36	POOJA LAKSHMI G	Pooja	Pooja	Pooja	Pooja	Pooja
37	2226JA37	PRATHIKSHA S	Prathiksha	Prathiksha	Prathiksha	Prathiksha	Prathiksha
38	2226JA38	PRAVEEN N	Praveen	Praveen	Praveen	Praveen	Praveen
39	2226JA39	PRAVEENA D	Praveena	Praveena	A	Praveena	Praveena
40	2226JA41	PREETHI S	Preethi	Preethi	Preethi	Preethi	Preethi
41	2226JA42	PRIYADARSHINI S	Priyadarshini	Priyadarshini	Priyadarshini	Priyadarshini	Priyadarshini
42	2226JA43	RAGAVI A	Ragavi	Ragavi	Ragavi	Ragavi	Ragavi
43	2226JA44	RAHULKUMAR C	Rahul	A	Rahul	A	A
44	2226JA45	RAMYA V	Ramya	Ramya	Ramya	Ramya	Ramya
45	2226JA46	RATHISH R	Rathish	Rathish	Rathish	Rathish	Rathish
46	2226JA47	ROHITH R	Rohith	Rohith	Rohith	Rohith	Rohith
47	2226JA48	ROSHINI G	Roshini	Roshini	A	Roshini	Roshini
48	2226JA49	SAI KUMAR M	Sai	A	Sai	Sai	Sai
49	2226JA50	SANDHYA M	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
50	2226JA51	SANJAYKUMAR A	Sanjay	Sanjay	A	Sanjay	Sanjay
51	2226JA52	SATHYA SRI K	Sathya	Sathya	Sathya	Sathya	Sathya
52	2226JA53	SHAJITH S	Shajith	Shajith	A	Shajith	Shajith
53	2226JA54	SHANKAR P S	A	Shankar	A	A	Shankar
54	2226JA55	SOMESHKUMAR R	A	Somesh	Somesh	Somesh	Somesh
55	2226JA56	SUGANTHI A	Suganthi	Suganthi	Suganthi	Suganthi	Suganthi

56	2226JA57	SUJITHIRA J	Dip	Dip	Dip	Dip	Dip
57	2226JA58	SWEETLIN ANGEL BABY L	P	P	A	P	P
58	2226JA59	SWEETY MERCY D	Sweety	Sweety	Sweety	Sweety	Sweety
59	2226JA60	THIRISHA P	Thiri	Thiri	Thiri	Thiri	Thiri
60	2226JA61	LOGESHKUMAR S	A	L	L	L	L
61	2226JB01	AAKASH M	L	L	L	L	L
62	2226JB02	ABISHEK M	M	M	M	M	M
63	2226JB03	AHALYA S	S	S	S	S	S
64	2226JB04	AISWARYA S	S	S	S	S	S
65	2226JB05	ANANTHI M	Ana	Ana	Ana	Ana	Ana
66	2226JB06	ANUSIYA SREE N	Anu	Anu	Anu	Anu	Anu
67	2226JB07	ARTHI B	Art	Art	Art	Art	Art
68	2226JB08	ARCHANA A R	Arch	Arch	Arch	Arch	Arch
69	2226JB09	AVINASH R	Avi	Avi	Avi	A	Avi
70	2226JB10	DAYAL VAIDIYAA M S	Day	Day	Day	Day	Day
71	2226JB11	DEEPATHARANI G	Deep	Deep	Deep	Deep	Deep
72	2226JB12	DHANALAKSHMI G	A	D	D	D	D
73	2226JB13	DHARANI M	Dh	Dh	Dh	Dh	Dh
74	2226JB14	DIVAKAR J	Div	A	Div	Div	Div
75	2226JB15	DIVYA V	Divya	Divya	Divya	Divya	Divya
76	2226JB16	HARINI M	Harini	Harini	Harini	Harini	Harini
77	2226JB17	HARSHA VARDINI M	Harsha	Harsha	Harsha	Harsha	Harsha
78	2226JB18	JAI AAKASH M	Jai	Jai	Jai	Jai	Jai
79	2226JB19	KAVIYA R	Kaviya	Kaviya	Kaviya	Kaviya	Kaviya
80	2226JB20	KAVYASHRI R	Kavya	Kavya	Kavya	Kavya	Kavya
81	2226JB21	KOWSIKA K	Kow	Kow	Kow	Kow	Kow
82	2226JB22	LALITH SARAN K	Lalith	Lalith	Lalith	A	Lalith
83	2226JB23	LATCHIYA M	L	L	L	L	L
84	2226JB24	MANIKANDAN S	M	M	M	M	M
85	2226JB25	MANOSHREE A	M	M	M	M	M
86	2226JB26	MADHUMITHA S	M	M	M	M	M
87	2226JB27	MIRTYUNJAI HUBERT R	M	M	M	M	M
88	2226JB28	NANDHANA M S	Nand	Nand	Nand	Nand	Nand
89	2226JB29	ONKAR SINGH P	O	O	O	O	O

90	2226JB30	PAVITHRA A	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra
91	2226JB31	PAVITHRA M	Pavithra	Pavithra	Pavithra	A	Pavithra
92	2226JB32	POORNESH P	A	Poornesh	Poornesh	Poornesh	Poornesh
93	2226JB33	RAKESH B	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
94	2226JB34	RATHISH S	A	Rathish	Rathish	Rathish	Rathish
95	2226JB35	RINDHIYA M	Rindhiya	Rindhiya	Rindhiya	Rindhiya	Rindhiya
96	2226JB36	ROHITH T	Rohith	Rohith	Rohith	Rohith	Rohith
97	2226JB37	SAKSHI NAKSHATRA S	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
98	2226JB38	SAKTHISREE P	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
99	2226JB39	SANDHIYA M	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
100	2226JB40	SANGEERTHANA R	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha
101	2226JB41	SANJAY V	A	Sanjay	Sanjay	Sanjay	Sanjay
102	2226JB42	SARANYA N	Saranya	Saranya	Saranya	Saranya	Saranya
103	2226JB43	SASMITHA N	Sasmita	Sasmita	Sasmita	Sasmita	Sasmita
104	2226JB44	SATHYA N	Sathya	Sathya	Sathya	Sathya	Sathya
105	2226JB45	SATHYA P	Sathya	Sathya	Sathya	Sathya	Sathya
106	2226JB46	SHAM G	Sham	Sham	Sham	Sham	Sham
107	2226JB47	SRIJANANI G	Srijanani	Srijanani	Srijanani	Srijanani	Srijanani
108	2226JB48	SRIJINA S	Srijina	Srijina	Srijina	Srijina	Srijina
109	2226JB49	SUBIKSHA S	Subiksha	Subiksha	Subiksha	Subiksha	Subiksha
110	2226JB50	SURJITH C	A	A	Surjith	Surjith	Surjith
111	2226JB51	SYED MOHAMMED ASHIK S	Syed	A	Syed	A	Syed
112	2226JB52	TAMILMANI J	Tamilmani	Tamilmani	Tamilmani	Tamilmani	Tamilmani
113	2226JB53	THARA K	Thara	Thara	Thara	Thara	Thara
114	2226JB54	VASANTH G	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth
115	2226JB55	VIDHYA SHREE N	Vidhya	Vidhya	Vidhya	Vidhya	Vidhya
116	2226JB56	VIGNESH S	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
117	2226JB57	VIJITHA K V	Vijitha	Vijitha	Vijitha	Vijitha	Vijitha
118	2226JB58	VIKASH PATEL D	A	Vikash	Vikash	Vikash	Vikash
119	2226JB59	VINITHA V	A	Vinitha	Vinitha	Vinitha	Vinitha
120	2226JB60	VISALINI P	Visalini	Visalini	Visalini	Visalini	Visalini
No. of Students Present			108	103	112	108	117
No. of Students Absent			12	12	8	12	3
Signature of the Coordinator			P	P	P	P	P

## Sample Certificate



## English for Science, Technology, Engineering and Mathematics

Syllabus:	
Name of the Course	English for Science, Technology, Engineering, and Mathematics
Course Code	22EST
Duration	30 hours
Start Date	14-11-2022
End Date	14-12-2022
Prerequisite	Basic knowledge in the language of English
Course Description	Explore some of the most innovative areas of scientific study, while expanding the vocabulary and the language skills needed to share scientific information within the community. Reading strategies that can help the students to explore the science behind some new energy systems.
Course Objective	<ol style="list-style-type: none"><li>1. Non-native English speakers who are interested in improving their English skills in the sciences can pursue the course to improve their language skills.</li><li>2. Extensively dives into what causes climate change, its impact as well as the steps that could help to mitigate the problem.</li></ol>
Course Outcome	By the end of this course, students will be able to develop vocabulary, reading, writing and research skills and improving their language skills.

**Course Content:****Unit 1:**

Is the Earth Getting Warmer? Introduction to STEM- Games & Activities - Language Focus: Previewing Texts - Warming Experiment - Global Warming vs. Climate Change - Language Focus: Comparative Adjectives-Online Learning Opportunities to Extend Your Skills. Game 1: Vocabulary Flashcard - UN Report: Last 10 Years Likely the Hottest Decade on Record - Warming Experiment Chart - practice exercises - Game 2: Previewing Texts-Value Affirmation Activity - Game 3: Comparative Adjectives - WMO: Global Warming Happening Faster than Predicted-Game: Comparative Adjectives.

**Unit 2:**

The Greenhouse Effect-What is the Greenhouse Effect? - Greenhouse Gases- Nature's Role in the Greenhouse Effect-Language Focus: Present Progressive-The Burning of Fossil Fuels-Language Focus: Cause and Effect (so, because of, therefore, as a result)-Deforestation and Farming-The Disposal of Waste-Instructions & Sample for Assessment 2, Manmade Source of Greenhouse Effect- Game 1: Unit 2 Vocabulary Flashcards-Unit 2 Assessment 2: Written Instructions-Charcoal Trade Is Destroying Africa's Forest Cover-Melting of Ice Wedges Adds to Arctic Warming-Game 2: Match the Greenhouse Gas to its Source-Game 3: Present Progressive-Unit 2 Assessment 1: Label the Parts of the Greenhouse Effect Diagram-Game 4: Cause and Effect-Check Your Understanding: "Need Strategies to Clear the Air? Ask a Megacity."

**Unit - 3:**

The Impacts of Climate Change on our World -Hot, Hot, Hot: Drought and Other Effects of Warmer Temperatures-Hurricanes & Storms-Language Focus: Scanning for Details-Unlockable Achievement - Rising Sea Levels-The Impact on Our Health-Language Focus: Intensifiers (Normal and Strong Adjectives)-Expert Interview: Shandra Banutu-Gomez - The Situation in Africa-The Threat to Plants and Animals-Unlockable Achievement-The Stress on Our Marine Ecosystem- Study: Planet-Warming Gases Make Food Less Nutritious-African Nations Vulnerable to Effects of Climate Change-Game 1: Scanning for Details-Check Your Understanding: "The Consequences of Climate Change"-Assessment 1: The Effects of Climate Change on the Environment. Game 3: Intensifiers-Check Your Understanding: "New Study Suggests Global Marine Food Chain Collapse"-Check Your Understanding: "Study: Planet-Warming Gases Make Food Less Nutritious"-Game: Review: Intensifiers-Check Your Understanding: "African Nations Vulnerable to effects of Climate Change"

**Unit -4:**

Discovering Cleaner Energy Sources to Power the World-The Rise of Renewable Energy-The Power of Sun, Wind, and Water-Language Focus: Summarizing Main Ideas from a Text - Language Focus: Summarizing Main Ideas from a Text -New Discoveries in Renewable Energy-Expert Interview: Dr. Yang - Capturing Waste Heat to Create Energy-Language Focus: Using

Suggestion) Review: Modals of Suggestion-Check Your Understanding: "Nuclear Developers Have Big Plans for Pint-sized Power Plants in UK"-

**Unit - 5 :**

What Might the Future Hold? - What is Nanotechnology?- Nanotechnology Around the World Making New Technology Practical-Language Focus: Future Possibility and Probability Modals How do Scientists Share Discoveries?-Choosing Good Sources and the Importance of Citing Them-Language Focus: Citing your Sources-Expert Interview: Lynn Yarris - Creating Community of Scientists- Overview of the Unit-Game 1: Unit 5 Vocabulary Flashcards-Biofilter Made from Peanut Shell Degrades Air Pollutants-Major Advance in Artificial Photosynthesis Poses Win/Win for the Environment-Check Your Understanding: "Can the Earth Be Saved by Turning CO2 to Stone? Unit 5 Assessment 1: Making New Technology Practical and Profitable Game 2: Future Possibility and Probability Modals-Check Your Understanding: "Profits From Eco-friendly Vertical Farming Stack Up"-Game 3: True/False: Citing Sources-Check Your Understanding: "Biofilter made from peanut shell degrades air pollutants"-Game: Matching Nanotechnology Vocabulary Words-Check Your Understanding: "Major Advance in Artificial Photosynthesis Poses Win/Win for the Environment"

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS**  
**ACADEMIC YEAR - 2022-23**

Name of the Course : English for Science, Technology, Engineering, and Mathematics

Duration of the Course : 30 Hours

Start Date : 14.11.2022

End Date : 14.12.2022

Class : I B.Sc ECS

Enrollment:

S. No.	Roll No.	Name of the Student	Signature
1	2226B01	ABARISH A G	Abarish
2	2226B02	ABHARNA A G	Abharna A.G
3	2226B03	AKSHAY KRISHNA R	Akshay Krishna R
4	2226B04	ANBARASI G	Anbarasi G
5	2226B05	ANNAPURANI T K	Annapurani T
6	2226B06	ATHISINDHA T P	Athisindha T.P
7	2226B07	BALA ADITHYA M	Bala Adithya M
8	2226B08	BALA GANAPATHI U	Bala Ganapathi U
9	2226B09	BALASURIYA K	Balasuriya K
10	2226B10	DEEPAN SHRIHARI J	Deepan S.H
11	2226B11	DHANUSH S	Dhanush S
12	2226B12	DHANUSH PRABHU D	Dhanush P.D
13	2226B13	DIVYA R	Divya R
14	2226B14	ELANGOVA A	Elangoava A
15	2226B15	GAYATHRI V	Gayathri V
16	2226B16	GOKULA KRISHNAN C	Gokula Krishnan C
17	2226B17	HEAMRAJ B	Heamraj B
18	2226B18	INDIRESH J U	Indires J.U
19	2226B19	JEROME GEORGE MENKO M	Jerome G.Menko M
20	2226B20	KALAIVANI R	Kalavani R
21	2226B21	KARTHIK V	Karthik V
22	2226B22	KARTHIKA M	Karthika M
23	2226B23	KARTHIKA S T	Karthika S.T
24	2226B24	KARTHIKEYAN P	Karthikeyan P
25	2226B25	KAVIN M	Kavin M
26	2226B26	KRISHNA A	Krishna A

S. No.	Roll. No.	Name of the Student	Signature
27	2226B27	LOGITH V	V. Logith
28	2226B28	MADESHVARAN N	Madeshvaran N.
29	2226B30	MARY GOWSIKA A	A. Mary Gowssika
30	2226B31	MITRA S	Mitra S
31	2226B32	MOHAMED NOWFAL K	Mohamed Nowfal K.
32	2226B33	MOHAMMED SHAJAHAN M	Mohammed Shajahan M
33	2226B34	MOHAN N	M. Mohan
34	2226B35	NANDITA S	S. Nandi
35	2226B36	NITHISHKUMAR M	M. Nithish
36	2226B38	OVIYA SRI DEVI P	Oviya Sri Devi P
37	2226B39	PAVEENA T	Paveena T
38	2226B40	PAVISH M	Pavish M.
39	2226B41	PRANESH G	Pranesh G.
40	2226B42	RAGHU V	Raghu V
41	2226B43	SATHIYAMOORTHY S	S. Sathiyamoorthy
42	2226B44	SELVA KEERTHANA S	S. Selva Keerthana
43	2226B45	SHARVIN RAAG S	S. Sharvin Raag
44	2226B46	SIVAPRAKASH C	C. Siva Prakash
45	2226B47	SOWMYA R	R. Sowmya
46	2226B48	SRINIVASAN R	R. Srinivasan
47	2226B49	SUNFAR K	Sunfar K.
48	2226B50	SURYA PRABHA M	M. Surya Prabha
49	2226B51	THANESH D	D. Thanesh
50	2226B52	THARUN P	P. Tharun
51	2226B53	UMA MAHESWARI N	N. Uma Maheswari
52	2226B54	VASANTH V	V. Vasanth
53	2226B55	VIJAYAN B	B. Vijayan
54	2226B56	VIKASH M	M. Vikash
55	2226B57	VISHNUPRIYA G	G. Vishnupriya
56	2226B58	VIVIYA S M	M. Viviya
57	2226B59	YAZHINI DEVI M	M. Yazhini Devi
58	2226B60	SHANUPRIYA M	M. Shanupriya

**KG COLLEGE OF ARTS AND SCIENCE**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS**

**ACADEMIC YEAR - 2022-23**

**Name of the Course :** English for Science, Technology, Engineering, and Mathematics

**Duration of the Course :** 30 Hours

**Start Date :** 14.11.2022

**End Date :** 14.12.2022

**Class :** I B.Sc ECS

**Attendance:**

S. No.	Roll. No.	Name of the Student	ATTENDANCE DETAILS				
			14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
1	2226B01	ABARISH A G	P	P	A	P	P
2	2226B02	ABHARNA A G	P	A	P	A	A
3	2226B03	AKSHAY KRISHNA R	P	P	P	P	P
4	2226B04	ANBARASI G	P	P	P	P	P
5	2226B05	ANNAPURANI T K	P	P	P	P	P
6	2226B06	ATHISINDHA T P	P	P	P	P	P
7	2226B07	BALA ADITHYA M	P	P	P	P	P
8	2226B08	BALA GANAPATHI U	P	P	P	A	P
9	2226B09	BALASURIYA K	P	P	P	P	P
10	2226B10	DEEPAN SHRIHARI J	P	P	P	P	A
11	2226B11	DHANUSH S	P	P	P	P	A
12	2226B12	DHANUSH PRABHU D	P	P	P	P	P
13	2226B13	DIVYA R	P	P	P	P	P
14	2226B14	ELANGO VAN A	P	P	P	P	P
15	2226B15	GAYATHRI V	P	P	P	P	P
16	2226B16	GOKULA KRISHNAN C	P	P	P	P	P
17	2226B17	HEAMRAJ B	P	P	P	P	A
18	2226B18	INDIRESH J U	P	P	P	P	A
19	2226B19	JEROME GEORGE MENKO M	P	P	P	P	A
20	2226B20	KALAIVANI R	P	P	P	P	P
21	2226B21	KARTHIK V	P	P	A	P	A
22	2226B22	KARTHIKA M	P	P	P	P	A

S. No.	Roll. No.	Name of the Student	ATTENDANCE DETAILS				
			14/11/2022	15/11/2022	16/11/2022	17/11/2022	18/11/2022
23	2226B23	KARTHIKA S T	P	P	P	P	A
24	2226B24	KARTHIKEYAN P	P	P	P	P	P
25	2226B25	KAVIN M	P	P	P	P	A
26	2226B26	KRISHNA A	A	A	P	P	P
27	2226B27	LOGITH V	P	P	P	P	P
28	2226B28	MADESHVARAN.N	P	P	P	P	P
29	2226B30	MARY GOWSIKA A	P	P	P	P	P
30	2226B31	MITRA S	P	P	P	P	A
31	2226B32	MOHAMED NOWFAL K	P	P	P	P	P
32	2226B33	MOHAMMED SHAJAHAN M	A	P	P	P	A
33	2226B34	MOHAN N	P	P	P	P	P
34	2226B35	NANDITA S	P	P	P	P	P
35	2226B36	NITHISHKUMAR M	P	P	P	P	A
36	2226B38	OVIYA SRI DEVI P	P	P	P	P	P
37	2226B39	PAVEENA T	A	P	A	P	P
38	2226B40	PAVISH M	P	P	P	P	P
39	2226B41	PRANESH G	A	P	P	P	A
40	2226B42	RAGHU V	P	P	P	P	A
41	2226B43	SATHIYAMOORTHY S	A	A	P	P	A
42	2226B44	SELVA KEERTHANA S	P	P	P	P	P
43	2226B45	SHARVIN RAAG S	A	P	P	P	A
44	2226B46	SIVAPRAKASH C	P	P	P	P	P
45	2226B47	SOWMYA R	P	P	P	P	P
46	2226B48	SRINIVASAN R	P	P	P	P	A
47	2226B49	SUNFAR K	P	P	P	P	P
48	2226B50	SURYA PRABHA M	A	A	P	P	P
49	2226B51	THANESH D	A	P	P	P	P
50	2226B52	THARUN P	A	P	P	P	P
51	2226B53	UMA MAHESWARI N	P	P	P	P	A
52	2226B54	VASANTH V	P	P	P	P	A
53	2226B55	VIJAYAN B	A	A	P	P	P
54	2226B56	VIKASH M	A	P	P	P	P
55	2226B57	VISHNUPRIYA G	P	P	P	P	P
56	2226B58	VIVIYA S M	P	P	A	A	P
57	2226B59	YAZHINI DEVI M	P	P	P	P	P
58	2226B60	SHANUPRIYA M	P	P	P	P	P
No. of students present:			47	53	54	55	38
No. of students absent:			11	05	04	03	20
Signature of the Coordinator			<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>



Nov 18, 2022

**Balasuriya.K**

has successfully completed

**English for Science, Technology, Engineering, and Mathematics**

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

COURSE  
CERTIFICATE



Jack Sullivan  
Director of Programs  
English Language Programs  
University of Pennsylvania

Alysia Swanson  
Interim Program Manager  
English Language Programs

Verify at:  
[coursera.org/verify/SWNMK5249MA9](https://coursera.org/verify/SWNMK5249MA9)

The online course named in this certificate may draw on material from a course taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

# Java for android

## Course Content

### **Module 1: MOOC Overview**

Module 1 summarizes the organization of the MOOC and the topics it covers. It also discusses the MOOC prerequisites, workload, and learning strategies needed to complete the MOOC successfully. It then presents an overview of key features in the Java language, outlining its support for object-oriented programming concepts that guide the development of Android apps.

### **Module 2: Introduction to Android Studio**

Module 2 provides an overview of Android Studio, explaining how to install it and apply it to develop a simple app using basic Java and Android features presented in this MOOC.

### **Module 3: Writing a Simple Android App Using Basic Java Features**

Module 3 shows how to write a simple Android app that defines variables using primitive Java data types, shows how to assign values to those variables, and output them to the Android display using Java classes and methods.

### **Module 4: Control Flow**

Module 4 covers Java's looping constructs (e.g., for loops, while loops, and do/while loops), as well as its conditional statements (e.g., if/else statements).

### **Module 5: Structured Data**

Module 5 provides more detail on common data structures supported by Java, including built-in arrays, as well as core classes in the Java Collections Framework, such as ArrayList and HashMap.

### **Module 6: Classes and Interfaces**

Module 6 covers Java classes and interfaces, focusing on data types, fields, methods, generic parameters, and exceptions.

### **Module 7: Inheritance and Polymorphism**

Module 7 examines Java's inheritance and polymorphism features (e.g., extending classes and virtual methods).

### **Module 8: Android Calculator App Mini-Project Assignment**

Module 8 guides learners through the creation of an Android app that implements a simple calculator, which provides features for adding, subtracting, multiplying, and dividing numbers input by various means (e.g., via numbers and buttons on the Android user interface).

KG COLLEGE OF ARTS AND SCIENCE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS

ACADEMIC YEAR - 2022-23

Name of the Course : Java for Android

Duration of the Course : 39 Hours

Start Date : 14.11.2022

End Date : 14.12.2022

Class : II B.Sc. ECS

Enrollment:

S. No.	Roll. No.	Name of the Student	Signature
1	2126B01	ADISH M	
2	2126B02	AL WIN GLIFFERD. D	
3	2126B03	ASHVANTH T	
4	2126B04	DEEPAK M	
5	2126B05	DHANUSH G	
6	2126B06	DHARUNDHARSAN P	
7	2126B07	DIVYA BHATI B	
8	2126B08	ESTHER BEAULA P	
9	2126B09	HARIKRISHNA S	
10	2126B10	HEMACHANDHRAN M	
11	2126B11	JAYASELINE I	
12	2126B12	JEGAN K	
13	2126B13	KARTHIKEYAN P	
14	2126B14	KAVIYADHARSHINI S	
15	2126B15	KEERTHIKA T	
16	2126B16	MIDHUN T	
17	2126B17	MUTHURAJKUMAR M	
18	2126B18	PAVITHRA J	
19	2126B19	PRASANTH S	
20	2126B21	SABAREESH V	
21	2126B22	SANTHRU S	
22	2126B23	SEJIN CHAMPION SINGH N	

S. No.	Roll. No.	Name of the Student	Signature
23	2126B24	SIVAPRAKASH S	
24	2126B25	SRIKEERTHI P	
25	2126B26	SUBASH V B	
26	2126B27	SUPRIYA G	
27	2126B28	THAMZHIVALAVAN D	
28	2126B29	VANATHY D	
29	2126B30	WILLIAM JEFIRIN JOHN J	
30	2126B31	MEENAKSHI K	
31	2126B32	PARTHASARATHY K	

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS**  
**ACADEMIC YEAR - 2022-23**

Name of the Course : Java for Android

Duration of the Course : 39 Hours

Start Date : 14.11.2022

End Date : 14.12.2022

Class : II B.Sc. ECS

Attendance:

S. No.	Roll. No.	Name of the Student	ATTENDANCE DETAILS				
			21/11/2022	22/11/2022	23/11/2022	24/11/2022	25/11/2022
1	2126B01	ADISH M	P	P	P	A	P
2	2126B02	ALWIN GLIFFERD. D	P	P	P	P	P
3	2126B03	ASHVANTH T	P	P	P	P	P
4	2126B04	DEEPAK M	P	P	A	P	P
5	2126B05	DHANUSH G	P	P	A	P	P
6	2126B06	DHARUNDHARSAN P	P	P	P	P	P
7	2126B07	DIVYA BHATI B	P	P	P	P	P
8	2126B08	ESTHER BEAULA P	A	P	P	P	P
9	2126B09	HARIKRISHNA S	P	P	P	P	P
10	2126B10	HEMACHANDHRAN M	A	P	P	P	A
11	2126B11	JAYASELINE I	P	P	P	P	P
12	2126B12	JEGAN K	P	P	P	P	P
13	2126B13	KARTHIKEYAN P	P	P	P	P	P
14	2126B14	KAVIYADHARSHINI S	P	P	P	P	P
15	2126B15	KEERTHIKA T	P	P	P	P	P
16	2126B16	MIDHUN T	P	P	P	A	P
17	2126B17	MUTHURAJKUMAR M	P	P	P	A	A
18	2126B18	PAVITHRA J	P	P	A	P	P
19	2126B19	PRASANTH S	P	P	P	P	P
20	2126B21	SABAREESH V	P	P	P	P	P
21	2126B22	SANTHRU S	P	P	P	P	P
22	2126B23	SEJIN CHAMPION SINGH N	P	P	A	P	P






S. No.	Roll. No.	Name of the Student	ATTENDANCE DETAILS				
			21/11/2022	22/11/2022	23/11/2022	24/11/2022	25/11/2022
23	2126B24	SIVAPRAKASH S	P	P	P	P	P
24	2126B25	SRIKEERTHI P	P	P	P	P	P
25	2126B26	SUBASH V B	P	P	P	P	P
26	2126B27	SUPRIYA G	P	P	P	P	P
27	2126B28	THAMZHIVALAVAN D	P	P	P	P	P
28	2126B29	VANATHY D	A	P	P	P	P
29	2126B30	WILLIAM JEFRI JOHN J	P	P	P	P	P
30	2126B31	MEENAKSHI K	P	P	P	P	P
31	2126B32	PARTHASARATHY K	P	P	P	P	P
<b>No. of students present:</b>			28	31	27	28	29
<b>No. of students absent:</b>			03	-	04	03	02
<b>Signature of the Coordinator</b>							

Image of Sample Certificate:



# Python Programming for Everybody & Python Data Structures

## (i) Syllabus : Programming for Everybody (Getting Started with Python)

Name of the Course	Programming for Everybody (Getting Started with Python)
Course Code	22PFE
Duration	19 Hours
Start Date	14-11-2022
End Date	14-12-2022
Prerequisite	Fundamentals, logical thinking and basics in python programming

Course Description	This course aims to teach everyone the basics of programming computers using Python.
Course Objective	<ul style="list-style-type: none"> <li>· 1. To install and programming in Python</li> <li>· 2. Describe the basics of the Python programming language</li> <li>· 3. Use variables to store, retrieve and calculate information</li> <li>· 4. Utilize core programming tools such as functions and loops</li> </ul>
Course Outcome	By the end of this course, students will be able to develop basic syntax And semantics of python programming language

Course Content
<p><b>Installing and Using Python</b>            Creativity and motivation - Computer hardware architecture - Understanding programming - Words and sentences - Conversing with Python - Terminology: interpreter and compiler - Writing a program - What is a program? - The building blocks of programs</p> <p><b>Variables and Expressions</b>            Values and types – Variables - Variable names and keywords – Statements - Operators and operands – Expressions - Order of operations - Modulus operator - String operations - Asking the user for input – Comments - Choosing mnemonic variable names – Debugging</p> <p><b>Conditional Code</b>            Boolean expressions - Logical operators - Conditional execution - Alternative execution - Chained conditionals - Nested conditionals - Catching exceptions using try and except - Short-circuit evaluation of logical expressions – Debugging</p> <p><b>Functions</b>            Function calls - Built-in functions - Type conversion functions - Random numbers - Math functions - Adding new functions - Definitions and uses - Flow of execution - Parameters and arguments - Fruitful functions and void functions - Why functions? – Debugging</p> <p><b>Loops and Iteration</b>            Updating variables - The while statement - Infinite loops - “Infinite loops” and break - Finishing iterations with continue - Definite loops using for - Loop patterns - Counting and summing loops - Maximum and minimum loops – Debugging</p>

KG COLLEGE OF ARTS AND SCIENCE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS

ACADEMIC YEAR - 2022-23

Name of the Course: Python: Programming for Everybody (Getting started with Python) & Python Data Structures

Duration of the Course: 38 Hours

Start Date: 14-11-2022

End Date: 14-12-2022

Class: III B.Sc ECS

Enrollment:

S. No.	Roll. No.	Name of the Student	Signature
1	2026B01	ARULKUMAR .M	M. Arulkumar
2	2026B02	ARUNKUMAR .M	M. Arun
3	2026B03	BARATH .P	P. Barath
4	2026B04	ELAKYA .R	Elakya R
5	2026B05	ELAMPARITHI .K	elamparithi k
6	2026B06	JAIKOWSALYA .P	Jaikowsalya P.
7	2026B07	KARTHIK .K	Karthik K.
8	2026B08	KEERTHIVARMAN .S	Keerthivarmaan S.
9	2026B09	MAHESH .K	Mahesh K.
10	2026B10	MANOJKUMAR .M	Manoj Kumar M.
11	2026B11	MANOJKUMAR .S	Manoj Kumar S.
12	2026B12	MEENA .M	Meena M.
13	2026B13	MOHANKUMAR .S	S. Mohan Kumar.
14	2026B14	RAMYA .K	Ramya K.
15	2026B15	RAVEENA .S	Raveena S.
16	2026B16	SHALINI PRIYA .K	Shalini Priya K.
17	2026B17	GOKUL PRASANTH .R	Gokul Pranth R.
18	2026B18	MANGALESWARAN .C	Mangaleswaran C.
19	2026B19	SWAMINATHAN .M	Swaminathan M.

**KG COLLEGE OF ARTS AND SCIENCE**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION SYSTEMS**

**ACADEMIC YEAR - 2022-23**

**Name of the Course:** Python: Programming for Everybody (Getting started with Python) & Python Data Structures

**Duration of the Course:** 38 Hours

**Start Date:** 14-11-2022

**End Date:** 14-12-2022

**Class:** III B.Sc ECS

**Attendance:**






S. No.	Roll. No.	Name of the Student	ATTENDANCE DETAILS				
			21/11/2022	22/11/2022	23/11/2022	24/11/2022	25/11/2022
1	2026B01	ARULKUMAR .M	P	P	P	P	P
2	2026B02	ARUNKUMAR .M	P	P	P	P	P
3	2026B03	BARATH .P	P	P	P	P	P
4	2026B04	ELAKYA .R	P	P	P	P	P
5	2026B05	ELAMPARITHI .K	P	P	P	P	P
6	2026B06	JAIKOWSALYA .P	P	P	P	P	P
7	2026B07	KARTHIK .K	P	P	P	P	P
8	2026B08	KEERTHIVARMAN .S	A	P	P	P	P
9	2026B09	MAHESH .K	P	P	P	P	P
10	2026B10	MANOJKUMAR .M	P	P	P	P	A
11	2026B11	MANOJKUMAR .S	P	P	P	P	A
12	2026B12	MEENA .M	P	P	P	A	P
13	2026B13	MOHANKUMAR .S	A	A	P	A	P
14	2026B14	RAMYA .K	P	P	P	P	P
15	2026B15	RAVEENA .S	P	P	A	A	A
16	2026B16	SHALINI PRIYA .K	A	P	P	P	P
17	2026B17	GOKUL PRASANTH .R	P	P	P	P	A
18	2026B18	MANGALESWARAN .C	P	P	P	P	A
19	2026B19	SWAMINATHAN .M	P	P	P	P	P
<b>No. of students present:</b>			<b>16</b>	<b>18</b>	<b>18</b>	<b>16</b>	<b>14</b>
<b>No. of students absent:</b>			<b>03</b>	<b>01</b>	<b>01</b>	<b>03</b>	<b>05</b>
<b>Signature of the Coordinator</b>							

Image of Sample Certificate:



# Medical Coding

**Course code :**

**Duration : 30 hours**

**Start Date : 14/11/2022**

**End Date : 18/11/2022**

**Pre-requisites:**

- No prerequisites

**Course Description:**

- The students learn about the diseases and coding of endocrine, metabolic and blood diseases. Students get practice with diagnosis coding as they learn about the circulatory and nervous system.

**Course Objectives:**

- To understand the health care and coding.

**Expected Outcome:**

- To understand the medical terminology.
- Ability to work in medical coding sectors.

**Syllabus:**

**Introduction to medical coding:** - Healthcare in India and US · Patient, Provider and Payers Relationship · Importance and significance of coding in today's world. Introduction to Medical Terminology: Word Parts Medical Terminology: Dividing and Combining Terms. Medical Terminology: Abbreviations, Symbols and Special Terms Anatomy and Pathology - Human body system (12 body Systems).

**ICD10 :** - Coding of Infectious and parasitic diseases · Coding of Neoplasm · Coding the diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism Endocrine, nutritional and metabolic diseases · Mental, Behavioral and Neurodevelopmental disorders · Coding the diseases of the nervous system · Coding the diseases of the eye and adnexa · Coding the diseases of the ear and mastoid process · Coding the diseases of the circulatory system · Coding the diseases of the respiratory system.

**Coding the diseases:** Coding the diseases of the digestive system · Coding the diseases of the skin and subcutaneous tissue · Coding the diseases of the musculoskeletal system and connective tissue · Coding

the diseases of the genitourinary system · Coding of Pregnancy, childbirth and the puerperium · Certain conditions originating in the prenatal period · Coding of Congenital malformation · Coding of Symptoms, signs, · Injury, poisoning, other external causes, Factors influencing health status contact with health services.

**Current Procedural Terminology (CPT):** CPT codes for Anesthesia · CPT codes for Radiology · CPT codes for Medicine · CPT codes for Pathology and laboratory · CPT codes for Surgery · Evaluation and management.

**HCPCS :** HCPCS Level II · Coding Guidelines · HIPAA · Reimbursement or payment Methodologies.

**Actual Outcome:**

Learn human diseases, terminology and coding.

**Assessment Procedure:** At the end of the semester, MCQ based assessment is conducted.

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF BIOTECHNOLOGY**  
**ACADEMIC YEAR 2022-23**

Name of the course : Medical Coding  
 Duration of the course : 30 Hrs  
 Start date : 14/11/2022  
 End date : 18/11/2022  
 Class : III B.Sc. Biotechnology

**List of students enrolled**

S.No	Reg.No	Name of the Student	Signature
1	2022R0199	AKILA M	AKI.M
2	2022R0200	ARCHANA C	Archana.c
3	2022R0201	BOOPATHY A	Boopathy.A
4	2022R0202	CHARU CHITRA M	Charuchitra.M
5	2022R0203	DEEPIKA P S	Deepika.P.S
6	2022R0204	DEEPIKA SHREE R	Deepika.S.R
7	2022R0205	DEJASINI D	Dejasi.D
8	2022R0206	DHANUSHIYA P	Dhanu.P
9	2022R0207	DHARSHINI M	M.Dharshini
10	2022R0208	DIVYA DHARSINI R	R.Divya
11	2022R0209	EVANGELIN STEFFIE G J	Evangelin.Steffie.G.J
12	2022R0210	GOKULNATH R	Gokulnath.R
13	2022R0211	HARSHA V R	V.P.Harsha
14	2022R0213	JESINDER W	Jesinder.W
15	2022R0214	KAVIYARASI K	K.Kaviyarasi
16	2022R0215	MALAR SELVI K	MalarSelvi.K
17	2022R0216	MENAKA R	R.Menaka
18	2022R0217	MERCY V	Mercy.V
19	2022R0218	MYTHILI S	S.Mythili
20	2022R0219	NAGALAKSHMI R	R.Nagalakshmi
21	2022R0220	NIVETHA J	J.Nivetha
22	2022R0221	RAMYA C	C.Ramya

23	2022R0222	RISHABA ROHINI K	K.RishabaRohini
24	2022R0223	ROSHINI S	S.Roshini
25	2022R0224	RUJUTHA D	D.Rujutha
26	2022R0225	SAKTHI THIRUMAGAL A S	A.S.SakthiThirumagal
27	2022R0226	SARUMATHI S	S.Sarumathi
28	2022R0227	SHALINI S	S.Shalini
29	2022R0228	SHRI DURGA K M	M.K.ShriDurga
30	2022R0229	SOWMIYA M	M.Sowmiya
31	2022R0230	SREEJA R	R.Sreeja
32	2022R0232	SUNITHAA M K	K.M.Sunitha
33	2022R0234	SUPRITHA R	R.Supriha
34	2022R0235	SWETHA B R	R.Swetha
35	2022R0236	VARSHINI M	M.Varshini
36	2022R0237	VISHALEENI M	M.Vishaleeni
37	2022R0238	YADHUNANDHASARADHI V	V.Yadunandhasaradhi

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF ENGLISH**  
**ACADEMIC YEAR 2022-23**

Name of the course : Medical Coding  
 Duration of the course : 30 Hrs  
 Start date : 14/11/2022  
 End date : 18/11/2022  
 Class : III B.Sc. Biotechnology

**Attendance**

S.No	Reg.No	Name of the Student	14/11	15/11	16/11	17/11	18/11
1	2022R0199	AKILA M	Att.M	Att.M	Att.M	Att.M	Att.M
2	2022R0200	ARCHANA C	Archana C	Archana C	Archana C	Archana C	Archana C
3	2022R0201	BOOPATHY A	Boopathy A	Boopathy A	Boopathy A	Boopathy A	Boopathy A
4	2022R0202	CHARU CHITRA M	Charu M	Charu M	Charu M	Charu M	Charu M
5	2022R0203	DEEPIKA P S	Deepika P S	Deepika P S	Deepika P S	Deepika P S	Deepika P S
6	2022R0204	DEEPIKA SHREE R	Deepika S R	Deepika S R	Deepika S R	Deepika S R	Deepika S R
7	2022R0205	DEJASINI D	Dejasi D	Dejasi D	Dejasi D	Dejasi D	Dejasi D
8	2022R0206	DHANUSHIYA P	Dhanu P	Dhanu P	Dhanu P	Dhanu P	Dhanu P
9	2022R0207	DHARSHINI M	N.Dh	M.Dh	M.Dh	N.Dh	M.Dh
10	2022R0208	DIVYA DHARSINI R	Divya R	Divya R	Divya R	Divya R	Divya R
11	2022R0209	EVANGELIN STEFFIE G J	AA	Ev.S:	Ev.S:	Ev.S:	Ev.S:
12	2022R0210	GOKULNATH R	G.N	G.N	G.N	G.N	AA
13	2022R0211	HARSHA V R	V.Har	V.Har	V.Har	V.Har	V.Har
14	2022R0213	JESINDER W	J.W	J.W	J.W	J.W	AA
15	2022R0214	KAVIYARASI K	K.Kavi	K.Kavi	K.Kavi	K.Kavi	K.Kavi
16	2022R0215	MAHARSHI VIK	M.H	M.H	M.H	M.H	M.H
17	2022R0216	MENAKA R	M.H	M.H	M.H	M.H	M.H
18	2022R0217	MERCY V	Mercy V	Mercy V	Mercy V	Mercy V	Mercy V
19	2022R0218	MYTHILI S	M.S	AA	M.S	M.S	M.S
20	2022R0219	NAGALAKSHMI R	N.Lak	N.Lak	N.Lak	N.Lak	N.Lak
21	2022R0220	NIVETHA J	J.Niv	J.Niv	J.Niv	J.Niv	J.Niv
22	2022R0221	RAMYA C	R.C	R.C	R.C	R.C	R.C

23	2022R0222	RISHABA ROHINI K	R.Rohini	R.Rohini	R.Rohini	R.Rohini	R.Rohini
24	2022R0223	ROSHINI S	Roshini S	Roshini S	Roshini S	Roshini S	Roshini S
25	2022R0224	RUJUTHA D	Rujutha D	Rujutha D	Rujutha D	Rujutha D	Rujutha D
26	2022R0225	SAKTHI THIRUMAGAL A S	Sakthi A S	Sakthi A S	Sakthi A S	Sakthi A S	Sakthi A S
27	2022R0226	SARUMATHI S	Sarumathi S	Sarumathi S	Sarumathi S	Sarumathi S	Sarumathi S
28	2022R0227	SHALINI S	Shalini S	Shalini S	Shalini S	Shalini S	Shalini S
29	2022R0228	SHRI DURGA K M	Shri Durga K M	Shri Durga K M	Shri Durga K M	Shri Durga K M	Shri Durga K M
30	2022R0229	SOWMIYA M	Sowmiya M	Sowmiya M	Sowmiya M	Sowmiya M	Sowmiya M
31	2022R0230	SRI I J A R	Sri I J A R	Sri I J A R	Sri I J A R	Sri I J A R	Sri I J A R
32	2022R0232	SUNITHA M K	Sunitha M K	Sunitha M K	Sunitha M K	Sunitha M K	Sunitha M K
33	2022R0234	SUPRITHA R	AA	Supri R	Supri R	Supri R	Supri R
34	2022R0235	SWETHA B R	Swetha B R	Swetha B R	Swetha B R	Swetha B R	Swetha B R
35	2022R0236	VARSHINI M	Varsha	Varsha	Varsha	Varsha	Varsha
36	2022R0237	VISHALEENI M	M.V	M.V	M.V	M.V	M.V
37	2022R0238	YADHUNANDHASARADHI V	Yadhu V	Yadhu V	Yadhu V	Yadhu V	Yadhu V
<b>No. of students present</b>			35	36	37	37	35
<b>No. of students absent</b>			02	01	-	-	02
<b>Signature of the Coordinator</b>			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]



**KG College of Arts & Science**

Affiliated to Bharathiar University & Accredited by NAAC  
ISO 9001:2015 certified Institution

205, Thudiyalur Road, Sarwanampatti, Coimbatore - 641005, TamilNadu, INDIA.

**BIOXPLORA**  
*Exploring the bio era...*




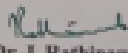
**CERTIFICATE**

This is to Certify that Mr/Ms SUNITHAA M K

III B.Sc. Biotechnology, KG College of Arts and Science, Coimbatore has successfully completed the Add on Course on "Medical Coding" duration from 14-11-2022 to 18-11-2022 conducted by Bioxplorella.

  
Mr. R. Vijay  
Technical Consultant  
(BIOXPLORA)

  
Dr. B. Sangeetha  
HOD

  
Dr. J. Rathinamala  
Principal

## Design thinking

Name of the Course	<b>DESIGN THINKING</b>
Course Code	BSCVC01
Duration	30 Hours
Start Date	12-12-2022
End Date	16-12-2022
Prerequisite	Basic knowledge on Design Process
Course Description	Innovate or die! That is the mantra of many fast moving and successful companies, especially in this world of high-speed interconnectivity. The question organizations face to stay relevant in today's environment is how to establish a culture of innovation and creative problem solving. Design thinking, an approach to both innovation and creative problem solving is becoming the go to approach for forward thinking organizations. What is design thinking? Design thinking is an iterative approach to solving problems with cross-functional teams led by facilitators. This course presents an introduction to the design thinking approach and mindset using highly interactive exercises that give the participants a flavor for some of the techniques and methods of design thinking that waken the innovative and problem-solving abilities within each of us.
Course Objective	<ul style="list-style-type: none"> <li>● Understand the concepts of design thinking approaches</li> <li>● Create design thinking teams and conduct design thinking sessions</li> <li>● Apply both critical thinking and design thinking in parallel to solve problems</li> <li>● Apply some design thinking concepts to their daily work</li> </ul>
Course Outcome	<ul style="list-style-type: none"> <li>● Students will understand the concepts of design thinking approaches</li> <li>● Will be able to Apply both critical thinking and design thinking in parallel to solve problems</li> <li>● Students can Apply design thinking concepts to their daily work</li> </ul>

## **Chapter 1: Design Thinking Overview**

- What Is Different About Design thinking?
- Exercise: Design Thinking in the Workplace
- Design Thinking Skills
- Exercise: Design Thinking Skills
- Design Thinking Mindset
- Principles of Design Thinking
- Exercise: Design Thinking Principles

## **Chapter 2: General Approaches to Design Thinking**

- The Basis for Design Thinking
- Design Thinking Frameworks
- Exercise: Build a Design Thinking Framework
- The Design Thinking Team
  - What Constitutes a Design Thinking Team?
  - Exercise: Create a Design Thinking Team
- Design Thinking Workshops and Meetings
  - Characteristics
  - Types of Workshops

## **Chapter 3: A Design Thinking Approach in Stages**

- Apply the Design Thinking Frameworks
- Class Exercise: Review the Case Study
- Empathize with the Customers and/or Users
  - Exercise: Engage the Customer /User
- Define the Problem
  - Exercise: Review and Follow-Up
  - Exercise: Define the Point of View
- Ideate
  - Exercise: Develop Potential Solutions
  - Exercise: Feedback on the Solutions
- Prototype Alternate Solutions
  - Exercise: Create a Prototype of the Solution
  - Exercise: Review the Prototype and Gain Feedback
- Test the Solutions
  - Exercise: Prepare Test of the Prototype and Solution

## **Chapter 4: Design Thinking Techniques**

- Listening and Empathizing Techniques
  - Engagement
  - Exercise: Ask the Right Questions
  - Observation
  - Exercise: Setting Up the Observation
  - Showing Empathy
- Define and Ideation Techniques
  - Unpacking

- Exercise: Unpack to the Wall
- Personas
- Exercise: Create Personas for the Case Study
- Pattern Recognition and Connecting the Dots
- Prototype and Test Techniques
  - Types of Prototypes
  - Exercise: Revise Franken Prototype to Refined Prototype
  - Forms of Testing in Design Thinking
  - Exercise: Prepare and A / B Test of the Prototype

#### **Chapter 5: General Design Thinking Practices**

- Visualization Techniques and Diagrams
  - Use of Diagrams and Maps in Design Thinking
  - Exercise: Create an Empathy Map
  - Exercise: Revisit the Wall
  - Exercise: Create an Affinity Diagram
  - Exercise: Create a Mind Map
  - Exercise: Create a Journey Map
- Story Telling Techniques
  - Story Telling Throughout the Design Thinking Process
  - Improvisation
  - Exercise: Tell a Story
  - Scenarios
  - Exercise: Create a Set of Scenarios for the Case Study
  - K-Scripts
  - Exercise: Create a Set of K-Scripts for the Case Study
  - Exercise: Perform Role Playing of Scenarios for the Case Study

#### **Chapter 6: Adopt and Adapt Design Thinking**

- Cautions and Pitfalls
  - Assumptions
  - Exercise: Assumptions
  - Pitfalls and Cautions in Design Thinking Workgroups
- Final Words and Best Practices
  - Best Practices
  - Exercise: Best Practices
  - Exercise: Take the Practices Back to the Office

Department of Visual Communication

Academic Year-2022-23

Name of the course: Design Thinking


















Duration of the course: 3 hours.

Start Date: 12.12.2022

End Date: 16.12.2022

Class: I B.Sc. Visual Communication

List of students enrolled

S.No	Roll No	Name	Sign
1	2222S01	Abhidhya S	
2	2222S02	Arundeven T	
3	2222S03	Calvin L	
4	2222S04	Dhanush J	
5	2222S06	Ezhil S	
6	2222S07	Gokul S	
7	2222S08	Kirubakaranath M	
8	2222S09	Lakshan R K	
9	2222S10	Mohamed Sinan Shajahan	
10	2222S11	Mohanvignesh S	
11	2222S12	Naventhana V S	
12	2222S14	Perumal S	
13	2222S15	Rahul V	
14	2222S16	Rohan G	
15	2222S17	Shibu Joy	
16	2222S18	Sivashankar V	
17	2222S19	Thirinisha A K	

  
Add On Co-Ordinator

  
HoD

Department of Visual Communication  
 Academic Year-2022-23  
 Value Added - Design Thinking  
Attendance Sheet

Name of the Course: Design Thinking  
 Start Date: 12-12-2022  
 Class: I B.Sc. Visual Communication

Duration of the Course: 30 hours  
 End Date: 16-12-2022

S.No	Roll No	Name	12.12.2022	13.12.2022	14.12.2022	15.12.2022	16.12.2022
1	2222S01	Abhidhya.S	S. Abid	S. Abid	S. Abid	S. Abid	S. Abid
2	2222S02	Arundevan.T	T. Arundevan	T. Arundevan	T. Arundevan	T. Arundevan	T. Arundevan
3	2222S03	Calvin.L	L. Calvin	L. Calvin	L. Calvin	L. Calvin	L. Calvin
4	2222S04	Dhanush. J	J. Dhanush	J. Dhanush	J. Dhanush	J. Dhanush	J. Dhanush
5	2222S06	Ezhil.S	S. Ezhil	S. Ezhil	S. Ezhil	S. Ezhil	S. Ezhil
6	2222S07	Gokul.S	S. Gokul	S. Gokul	S. Gokul	S. Gokul	S. Gokul
7	2222S08	Kirubakaranath.M	M. Kirubakaranath	M. Kirubakaranath	M. Kirubakaranath	M. Kirubakaranath	M. Kirubakaranath
8	2222S09	Lakshan .R.K	K. Lakshan	K. Lakshan	K. Lakshan	K. Lakshan	K. Lakshan
9	2222S10	Mohamed Sinan Shajahan	S. Mohamed Sinan Shajahan	S. Mohamed Sinan Shajahan	S. Mohamed Sinan Shajahan	S. Mohamed Sinan Shajahan	S. Mohamed Sinan Shajahan
10	2222S11	Mohanvignesh.S	S. Mohanvignesh	S. Mohanvignesh	S. Mohanvignesh	S. Mohanvignesh	S. Mohanvignesh
11	2222S12	Navendhan V.S	S. Navendhan	S. Navendhan	S. Navendhan	S. Navendhan	S. Navendhan
12	2222S14	Perumal.S	S. Perumal	S. Perumal	S. Perumal	S. Perumal	S. Perumal
13	2222S15	Rahul.V	V. Rahul	V. Rahul	V. Rahul	V. Rahul	V. Rahul
14	2222S16	Rohan.G	G. Rohan	G. Rohan	G. Rohan	G. Rohan	G. Rohan
15	2222S17	Shibu Joy	J. Shibu Joy	J. Shibu Joy	J. Shibu Joy	J. Shibu Joy	J. Shibu Joy
16	2222S18	Sivashankar.V	V. Sivashankar	V. Sivashankar	V. Sivashankar	V. Sivashankar	V. Sivashankar
17	2222S19	Thirinisha.A.K	K. Thirinisha	K. Thirinisha	K. Thirinisha	K. Thirinisha	K. Thirinisha
No of Students Absent			-	-	-	-	-
No of Students Present			17	17	17	17	17
Signature of the Co - Ordinator			(Signature)	(Signature)	(Signature)	(Signature)	(Signature)

(Signature)  
 HoD

## CERTIFICATE OF COMPLETION

THIS CERTIFIES THAT

# S. ABHIDHYA

Student of Ist BSc Visual Communication, KG College of Arts and Science successfully completed the Value Added Course on **DESIGN THINKING** during 12th Dec 2022 to 16th Dec 2022

(Signature)

deStijl

A-16, Aruthra Nagar, Behind Elgi School, Vellalore,  
 Coimbatore - 641111 Ph: 9566533013

DR. A. CHARLES  
 Creative Director

# Business English Communication

## Business Communication

Course cPe : 22BEG  
hours

Duration : 30

Start Date : 15.11.2022

End Date : 09.12.2022

### Pre-requisites :

- Basic knowledge in the English language

### Course Description :

- To improve the communication skills effectively among the students
- Personality Development with interpersonal skills

### Course Objectives:

- To develop effective communication skills
- Conduct effective business correspondence with goP reading and listening communication.

### Expected Outcome:

- To improve reading , written and listening communication skills.
- Ability to develop listening skills and personality development

### Syllabus:

Written Communication - . Business correspondence - Email, Letter Writing - Internal Communication- Note and Memo Writing - Speaking Communication - General interaction and social language - Organising a larger unit of discourse. Giving information and expressing opinions - Collaborative task- Turn taking, negotiating, giving opinions, agreeing, and disagreeing.

Reading Communication - Understanding short real-world notices, messages, etc. - Detailed comprehension of factual material; skimming and scanning skills- Interpreting visual information - Reading for detailed information - Reading for gist and specific information - Grammatical accuracy and understanding of text structure - Reading and information transfer. Listening Communication - Listening for specific /gist information.- Gap filling - Note Taking -Personality Development - Anger Management, Interpersonal Skills

### Actual Outcome:



## Programming Foundations with JavaScript ,HTML and CSS

### Course Content

**Welcome :** - Course overview - A students perspective on learning programming - Resources to help you succeed - Tips for learning programming - Using forums:how to ask for help effectively - module feedback surveys Designing A Web Page With Html And CSS - Building a web page with html - using codepen - Try it create your codepen account - what is html - metadata and sectioning elements - try it build a "my interests "web page - asking for help in the forums - formatting text and nesting tags - try it format text - adding images and links - images and storage - try it add links and images - lists and tables - try it create lists and tables . Styling A Web Page With Css - how css is used to design web pages - css basics - try it style your web page with css - colours and names in css - try it customize your web pages colors - share your my interests web page - designing a web page with html and css - end of module survey

**Algorithms And Programming Language Computational Thinking :** introduction - everything is a number - how is that a number - developing an algorithm - a seven step approach to solving programming problems Programming Fundamentals With Javascript - variables - methods - functions - types - dukelearn to program environment - try it using variables, methods,and functions - rampup programming exercise - for loops - try it using for loops - conditional execution - programming exercise loops and conditionals - programming exercise modifying images Implementing The Green Screen Algorithm - translating to code - thinking critically about your program - finding bugs in code - programming exercise advanced modifying - end of module survey.

**Javascript For Web Pages Event Driven Programming :** introduction - buttons with divs - try it buttons with divs - changing pages interactively - try it change pages interactively - programming exercise todo lists-using htmls canvas - try it canvas - inputs and events - try it inputs and events - programming exercise an interactive paint canvas - event driven programming - Green Screen Web Page - upload and display an image - try it upload and display image - convert image to grayscale - try it convert an image to grayscale - moving to codepen - try it green screen online - end of module.

**Mini Project Image Filters on the Web Image Filters on the Web :** introduction - miniproject part1 - mini project part 2 - mini project challenge - end of module.

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)**  
**ACADEMIC YEAR 2022-23**

**Name of the Course :** Programming Foundations with JavaScript, HTML and CSS



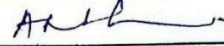
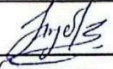

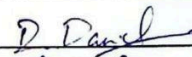
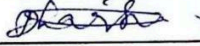
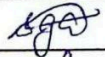
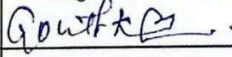
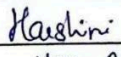
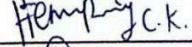

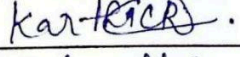
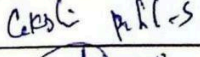
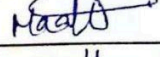
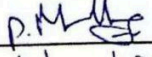
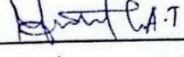

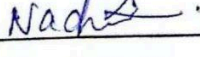
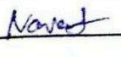
**Duration of the Course :** 33 hours

**Start Date :** 14-11-2022

**End Date :** 14-12-2022


**Class :** I - M.Sc. SS

**List of students Enrolled :**

S. No	Roll No.	Name of the Student	Signature
1	2232J01	Abirami K	
2	2232J02	Aiswarya B	
3	2232J03	Anbuselvi K	
4	2232J04	Angel B Jenifer	
5	2232J05	Arokia Lisaniya A	
6	2232J07	Daniel R	
7	2232J08	Dharshini M	
8	2232J09	Gnana Angelin S	
9	2232J10	Gowtham Kumar K	
10	2232J11	Harshini V	
11	2232J12	Hemapriya C K	
12	2232J13	Jothika S	
13	2232J14	Karthikraja S	
14	2232J15	Lakshmi Prabha S	
15	2232J16	Madhan S	
16	2232J17	Madhavan P	
17	2232J18	Malathi A T	
18	2232J19	Mathesh S	
19	2232J20	Nadhessa S	
20	2232J21	Naveen Kumar K M	

S. No	Roll No.	Name of the Student	Signature
21	2232J22	Nishanth M	Nish.
22	2232J23	Nisha Shree S	Nisha Shree
23	2232J24	Oviya G	Oviya G
24	2232J25	Priyadarshini M	Priyada
25	2232J26	Rithiniha K	Rithiniha K
26	2232J27	Sahana S S	S. S. Sah.
27	2232J28	Sampreetha S	Sampreetha S
28	2232J29	Sanjana V	Sanjana V
29	2232J30	Sanjay M	Sanjay M
30	2232J31	Sanjay R	Sanjay R
31	2232J32	Santhosh Kumar M	Santhosh
32	2232J33	Sarumathi R	Sarumathi R
33	2232J35	Shiju Antony C S	Shiju Antony
34	2232J36	Shovidhyan D	Shovidhyan D
35	2232J37	Sowdhanya Laxna V	Sowdhanya V
36	2232J38	Sruthi S	Sruthi S
37	2232J39	Sudharshini A J	Sudharshini A J
38	2232J40	Thenmozhi L	Thenmozhi L
39	2232J41	Sasmitha R	Sasmitha R
40	2232J42	Karuppusamy B	Karuppusamy B

  
Add-on Coordinator

  
HoD

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)**  
**ACADEMIC YEAR 2022-23**

Name of the Course : Programming Foundations with JavaScript, HTML and CSS  
 Duration of the Course : 33 hours  
 Start Date : 14-11-2022  
 End Date : 14-12-2022  
 Class : I - M.Sc. SS

Attendance :

S. No.	Register No.	Name of the student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
1	2232J0001	Abirami K	Abhi	Abhi	AB	Abhi	Abhi
2	2232J0002	Aiswarya B	Aishu	Aishu	Aishu	Aishu	Aishu
3	2232J0003	Anbuselvi K	Anu	Anu	Anu	Anu	Anu
4	2232J0004	Angel B Jenifer	Angel	AB	Angel	AB	Angel
5	2232J0005	Arokia Lisaniya A	Ahu	Ahu	Ahu	Ahu	Ahu
6	2232J0006	Daniel R	AB	D.R.	D.R.	D.R.	D.R.
7	2232J0007	Dharshini M	Dhu	Dhu	Dhu	Dhu	Dhu
8	2232J0008	Gnana Angelin S	aga	aga	aga	aga	aga
9	2232J0009	Gowtham Kumar K	Gov	Gov	Gov	Gov	Gov
10	2232J0010	Harshini V	Harsi	Harsi	Harsi	Harsi	Harsi
11	2232J0011	Hemapriya C K	Hema	AB	Hema	Hema	Hema
12	2232J0012	Jothika S	Jal	Jal	Jal	Jal	Jal
13	2232J0013	Karthikraja S	Kar	Kar	Kar	Kar	Kar
14	2232J0014	Lakshmi Prabha S	Lal	Lal	Lal	Lal	Lal
15	2232J0015	Madhan S	Mad	Mad	Mad	Mad	Mad
16	2232J0016	Madhavan P	P.M.	P.M.	P.M.	P.M.	P.M.
17	2232J0017	Malathi A T	Mal	Mal	Mal	Mal	Mal
18	2232J0018	Mathesh S	Mat	Mat	Mat	Mat	Mat
19	2232J0019	Nadheshha S	Nad	Nad	Nad	Nad	Nad

S. No.	Register No.	Name of the student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
20	2232J0020	Naveen Kumar K M	<i>Naveen</i>	<i>Naveen</i>	<i>Naveen</i>	<i>Naveen</i>	<i>Naveen</i>
21	2232J0021	Nishanth M	AB	<i>Nishanth</i>	AB	<i>Nishanth</i>	<i>Nishanth</i>
22	2232J0022	Nisha Shree S	<i>Nishashree</i>	<i>Nishashree</i>	<i>Nishashree</i>	<i>Nishashree</i>	<i>Nishashree</i>
23	2232J0023	Oviya G	AB	<i>Oviya</i>	<i>Oviya</i>	<i>Oviya</i>	<i>Oviya</i>
24	2232J0024	Priyadarshini M	AB	AB	<i>Priyadarshini</i>	<i>Priyadarshini</i>	<i>Priyadarshini</i>
25	2232J0025	Rithiniha K	AB	<i>Rithiniha</i>	<i>Rithiniha</i>	<i>Rithiniha</i>	<i>Rithiniha</i>
26	2232J0026	Sahana S S	<i>S.S.Sat.</i>	<i>S.S.Sat.</i>	<i>S.S.Sat.</i>	<i>S.S.Sat.</i>	<i>S.S.Sat.</i>
27	2232J0027	Sampreetha S	<i>Sampreetha</i>	<i>Sampreetha</i>	<i>Sampreetha</i>	<i>Sampreetha</i>	<i>Sampreetha</i>
28	2232J0028	Sanjana V	<i>Sanjana</i>	<i>Sanjana</i>	<i>Sanjana</i>	<i>Sanjana</i>	<i>Sanjana</i>
29	2232J0029	Sanjay M	<i>Sanjay</i>	AB	<i>Sanjay</i>	<i>Sanjay</i>	<i>Sanjay</i>
30	2232J0030	Sanjay R	<i>Sanjay</i>	<i>Sanjay</i>	<i>Sanjay</i>	<i>Sanjay</i>	<i>Sanjay</i>
31	2232J0031	Santhosh Kumar M	<i>Santhosh</i>	<i>Santhosh</i>	<i>Santhosh</i>	<i>Santhosh</i>	<i>Santhosh</i>
32	2232J0032	Sarumathi R	<i>Sarumathi</i>	<i>Sarumathi</i>	<i>Sarumathi</i>	<i>Sarumathi</i>	<i>Sarumathi</i>
33	2232J0033	Shiju Antony C S	<i>shiju</i>	<i>shiju</i>	<i>shiju</i>	<i>shiju</i>	<i>shiju</i>
34	2232J0034	Shovidhyan D	<i>Shovidhyan</i>	<i>Shovidhyan</i>	<i>Shovidhyan</i>	<i>Shovidhyan</i>	<i>Shovidhyan</i>
35	2232J0035	Sowdhanya Laxna V	AB	<i>Sowdhanya</i>	<i>Sowdhanya</i>	<i>Sowdhanya</i>	<i>Sowdhanya</i>
36	2232J0036	Sruthi S	<i>Sruthi</i>	<i>Sruthi</i>	<i>Sruthi</i>	<i>Sruthi</i>	<i>Sruthi</i>
37	2232J0037	Sudharshini A J	<i>Sudharshini</i>	<i>Sudharshini</i>	<i>Sudharshini</i>	<i>Sudharshini</i>	<i>Sudharshini</i>
38	2232J0038	Thenmozhi L	<i>Thenmozhi</i>	<i>Thenmozhi</i>	<i>Thenmozhi</i>	<i>Thenmozhi</i>	<i>Thenmozhi</i>
39	2232J0039	Sasmitha R	<i>Sasmitha</i>	<i>Sasmitha</i>	<i>Sasmitha</i>	<i>Sasmitha</i>	<i>Sasmitha</i>
40	2232J0040	Karuppusamy B	<i>Karuppusamy</i>	<i>Karuppusamy</i>	<i>Karuppusamy</i>	<i>Karuppusamy</i>	<i>Karuppusamy</i>
No. of students present			34	36	38	39	40
No. of students absent			6	4	2	2	0
Signature of the Coordinator			<i>NS</i>	<i>NS</i>	<i>NS</i>	<i>NS</i>	<i>NS</i>



Jan 11, 2023

**madhavan P**

has successfully completed with honors

**Programming Foundations with JavaScript, HTML  
and CSS**

an online non-credit course authorized by Duke University and offered through Coursera

Susan H. Rodger, Professor of the Practice, Computer Science  
Robert Duvall, Lecturer, Computer Science  
Owen Astrachan, Professor of the Practice, Computer Science  
Andrew D. Hilton, Assistant Professor of the Practice, Electrical and Computer Engineering

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at:  
<https://coursera.org/verify/4XCUYTT062T3>  
Coursera has confirmed the identity of this individual and their participation in the course.

## Introduction to Blockchain for Global Commerce

### Course Content

#### Unit 1:

The Internet connects billions of people around the world, and is great for communicating and collaborating online. However, because it was built for moving and storing information, and not value, it has done little to change the way we do business. Now, for the first time in human history, two or more parties anywhere in the world can transact and do business peer to peer using the blockchain. In this module we introduce blockchain as “the trust protocol,” and explain how it represents the second era of the Internet. We describe how blockchain technology establishes trust—not through powerful intermediaries, but rather through collaboration, cryptography and clever code.

#### Unit 2:

We believe that the next era of the digital economy can be shaped around a set of blockchain design principles, which can be used for creating software, services, reinventing business models, markets, organizations, and even governments. This module frames the blockchain revolution around seven design principles. For each principle we describe a current problem to be solved, identify “blockchain breakthroughs” to these problems, and discuss the implications of these breakthroughs on the digital economy. We hope that these design principles will assist learners in contemplating their roles and their futures in the blockchain revolution.

#### Unit 3:

Blockchain is the first native digital medium for value. Consequently, we are witnessing one of the largest transformations of wealth in human history—from paper-based analog assets to digital ones. In this module, students will learn about nine different kinds of cryptoassets, including cryptocurrencies, protocol tokens, non-fungible tokens (NFTs), stablecoins, securities tokens, governance tokens, exchange tokens, natural asset tokens, and central bank digital currencies (CBDCs).

#### Unit 4:

In this module, you will learn what smart contracts are and how they work. We will discuss how blockchain-based smart contracts can enable individuals and organizations to reduce transaction costs, minimize the need for third-party intermediaries, and improve productivity, security, and privacy. Define “smart contract”. Describe the phases of the smart contract deal cycle. Describe various examples or applications of smart contracts.

#### Unit 5:

The advent of blockchain technology forces us to reconsider the upside and downside of public revelation of transactions and contracts. The implementation, application, and possible regulation of distributed ledgers involve choices that will critically affect information disclosure and economic interactions. Whether the ledger is public and permissionless, such as the Bitcoin or Ethereum blockchains, or private and permissioned, such as the Ripple or Hyperledger implementations, in principle transactions on a blockchain have a high native level of transparency. In this module, you will learn how privacy can be protected in both public and private ledgers using both procedural and technological methods. Like every revolutionary technology, blockchain has its upside and its downside. In this module we discuss ten implementation challenges

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)**  
**ACADEMIC YEAR 2022-23**

**Name of the course** : Introduction to Blockchain for Global Commerce  
**Duration of the course** : 34 hours  
**Start Date** : 14-11-2022  
**End Date** : 14-12-2022  
**Class** : III - M.Sc. SS

**List of students enrolled**

S. No	Roll No.	Name of the Student	Signature
1	2032J01	Abirama Sundari C	C. Abirama Sundari
2	2032J02	Anuradha C	C. Anuradha
3	2032J03	Balamurugan M	B. Murugan
4	2032J04	Blessy Benitta N	Blessy Benitta N
5	2032J05	Brindha M	M. Brindha
6	2032J06	Harshini N	H. Harshini
7	2032J07	Jayachandran K	K. Jayachandran
8	2032J08	Jothiksha E	E. Jothiksha
9	2032J09	Junaidh Ahamed N	N. Junaidh Ahamed
10	2032J10	Kamaladharshini B	B. Kamaladharshini
11	2032J11	Mark Roshan V	V. Mark Roshan
12	2032J12	Priya G	G. Priya
13	2032J13	Raghul S	S. Raghul
14	2032J14	Riju N M	M. Riju N

  
Add-on Coordinator

  
HoD

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)**  
**ACADEMIC YEAR 2022-23**

Name of the course : Introduction to Blockchain for Global Commerce  
 Duration of the course : 34 hours  
 Start Date : 14-11-2022  
 End Date : 14-12-2022  
 Class : III - M.Sc. SS

**Attendance :**

S. No.	Register No.	Name of the student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
1	2032J0001	Abirama Sundari C	Abirama	Abirama	Abirama	Abirama	Abirama
2	2032J0002	Anuradha C	C. Anuradha	C. Anuradha	C. Anuradha	C. Anuradha	C. Anuradha
3	2032J0003	Balamurugan M	Balamurugan	Balamurugan	Balamurugan	A	Balamurugan
4	2032J0004	Blessy Benitta N	Blessy	Blessy	Blessy	Blessy	Blessy
5	2032J0005	Brindha M	A	M. Brindha	M. Brindha	A	M. Brindha
6	2032J0006	Harshini N	Harshini	Harshini	Harshini	Harshini	Harshini
7	2032J0007	Jayachandran K	K. Jayachandran	K. Jayachandran	K. Jayachandran	K. Jayachandran	K. Jayachandran
8	2032J0008	Jothiksha E	A	Jothiksha	Jothiksha	A	Jothiksha
9	2132J0009	Junaidh Ahamed N	N. Junaidh	N. Junaidh	N. Junaidh	N. Junaidh	N. Junaidh
10	2132J0010	Kamaladharshini B	B. Kamaladharshini	B. Kamaladharshini	B. Kamaladharshini	B. Kamaladharshini	B. Kamaladharshini
11	2132J0011	Mark Roshan V	A	Mark	Mark	A	Mark
12	2132J0012	Priya G	A	A	Priya	Priya	Priya
13	2132J0013	Raghul S	Raghul	Raghul	Raghul	A	Raghul
14	2132J0014	Riju N M	Riju N.M.	Riju N.M.	Riju N.M.	Riju N.M.	Riju N.M.
No. of students present			10	13	14	9	14
No. of students absent			A	1	-	5	-
Signature of the Coordinator			[Signature]	[Signature]	[Signature]	[Signature]	[Signature]



Dec 6, 2022

**RIJU N M**

has successfully completed

**Introduction to Blockchain for Global Commerce**

an online non-credit course authorized by INSEAD and offered through Coursera

**COURSE  
CERTIFICATE**



Don Tapscott  
Adjunct Professor  
INSEAD

Alex Tapscott  
Co-founder  
Blockchain Research Institute

Verify at:  
<https://coursera.org/verify/W3Q8ZH5XL2VF>  
Coursera has confirmed the identity of this individual and their participation in the course.

# Fundamentals of Digital Image and Video Processing

## Course Content

**Introduction to Image and Video Processing** - In this module we look at images and videos as - 2-dimensional (2D) and 3-dimensional (3D) signals, and discuss their analog/digital dichotomy. We - will also see how the characteristics of an image changes depending on its placement over the- electromagnetic spectrum, and how this knowledge can be leveraged in several applications.

**Signals and Systems** - In this module we introduce the fundamentals of 2D signals and systems. Topics include complex exponential signals, linear space-invariant systems, 2D convolution, and filtering in the spatial domain.

**Fourier Transform and Sampling** - In this module we look at 2D signals in the frequency domain. Topics include: 2D Fourier transform, sampling, discrete Fourier transform, and filtering in the frequency domain.

**Motion Estimation** - In this module we cover two important topics, motion estimation and color representation and processing. Topics include: applications of motion estimation, phase correlation, block matching, spatio-temporal gradient methods, and fundamentals of color image processing

**Image Enhancement** - In this module we cover the important topic of image and video enhancement, i.e., the problem of improving the appearance or usefulness of an image or video. Topics include: point-wise intensity transformation, histogram processing, linear and non-linear noise smoothing, sharpening, homomorphic filtering, pseudo-coloring, and video enhancement.

**Image Recovery:** Part 1 In this module we study the problem of image and video recovery. Topics include: introduction to image and video recovery, image restoration, matrix-vector notation for images, inverse filtering, constrained least squares (CLS), set-theoretic restoration approaches, iterative restoration algorithms, and spatially adaptive algorithms. Part 2 In this module we look at the problem of image and video recovery from a stochastic perspective. Topics include: Wiener restoration filter, Wiener noise smoothing filter, maximum likelihood and maximum a posteriori estimation, and Bayesian restoration algorithms.

**Lossless Compression** : In this module we introduce the problem of image and video compression with a focus on lossless compression. Topics include: elements of information theory, Huffman coding, run-length coding and fax, arithmetic coding, dictionary techniques, and predictive coding.

**Image Compression** - In this module we cover fundamental approaches towards lossy image compression. Topics include: scalar and vector quantization, differential pulse-code modulation, fractal image compression, transform coding, JPEG, and subband image compression.

**Video Compression** - In this module we discuss video compression with an emphasis on motion-compensated hybrid video encoding and video compression standards including H.261, H.263, H.264, H.265, MPEG-1, MPEG-2, and MPEG-4.

**Image and Video Segmentation:** In this module we introduce the problem of image and video segmentation, and discuss various approaches for performing segmentation including methods based on intensity discontinuity and intensity similarity, watersheds and K-means algorithms, and other advanced methods. **Sparsity** - In this module we

KG COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)

Name of the course: Fundamentals of Digital Image and Video Processing  
ACADEMIC YEAR 2022-23  
Duration of the course: 36 hours.  
Start Date: 14-11-2022  
End Date: 14-12-2022

Class: V.M.Sc-55

List of Students Enrolled:

S. No	Roll No.	Name of the Student	Signature
1	1832J02	Cyril Jaison P	Cyri
2	1832J03	Dheebakkumar V	v 2 Dheeb
3	1832J04	Deepika S	Deepika S
4	1832J05	Dharshini D	Dharshini D
5	1832J06	Gokilavani M	Gokilavani M
6	1832J07	Hariprakash V	V. Hariprakash
7	1832J08	Induja A	Induja A
8	1832J10	Jothikumar V	Jothikumar V
9	1832J12	Manjula M	Manjula M
10	1832J13	Meganathan G	Meganathan G
11	1832J14	Mohan Prasad P	Mohan Prasad P
12	1832J16	Navin K C	Navin K C
13	1832J17	Nijanthan K	Nijanthan K
14	1832J18	Nirmal Vincent J	Nirmal Vincent J
15	1832J19	Nishanthkumar M	Nishanthkumar M
16	1832J20	Prathish M J	Prathish M J
17	1832J21	Praveena M	Praveena M
18	1832J23	Rohit Balaje V L	Rohit Balaje
19	1832J24	Rohith S	Rohith S
20	1832J26	Sakthi Vel R	Sakthi Vel R
21	1832J28	Sindhu I	Sindhu I
22	1832J29	Soundarya J	Soundarya J
23	1832J31	Sruthi J M	Sruthi J M

S. No	Roll No.	Name of the Student	Signature
24	1832J32	Suryaprakash K M	Suryaprakash K M.
25	1832J33	Vasanth C A	Vasanth C A
26	1832J34	Vinu Sree J	Vinu Sree J
27	1832J35	Sathiyamoorthy K	Sathiyamoorthy K

*[Signature]*  
Add-on Coordinator

*[Signature]*  
HoD

KG COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (Pb)  
ACADEMIC YEAR - 2022 - 23

Name of the course : Fundamentals of Digital Image and video processing  
Duration of the course : 36 hours.  
Start date : 14-11-2022  
End date : 14-12-2022


class : V. M.Sc. 55

Attendance :

S. No.	Register No.	Name of the student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
1	1832J0002	Cyril Jaison P	Cyril	Cyril	Cyril	Cyril	Cyril
2	1832J0003	Dheebakkumar V	V.Dheebak	V.Dheebak	V.Dheebak	V.Dheebak	V.Dheebak
3	1832J0004	Deepika S	Deepika S	Deepika S	Deepika S	Deepika S	Deepika S
4	1832J0005	Dharshini D	A	A	Dharshini D	Dharshini D	Dharshini D
5	1832J0006	Gokilavani M	Gokilavani M	Gokilavani M	A	Gokilavani M	Gokilavani M
6	1832J0007	Hariprakash V	V.Hari	V.Hari	V.Hari	V.Hari	V.Hari
7	1832J0008	Induja A	Induja A	Induja A	Induja A	Induja A	A
8	1832J0010	Jothikumar V	Jothikumar V	Jothikumar V	Jothikumar V	Jothikumar V	A
9	1832J0012	Manjula M	Manjula M	Manjula M	Manjula M	Manjula M	Manjula M
10	1832J0013	Meganathan G	Meganathan G	Meganathan G	A	Meganathan G	Meganathan G
11	1832J0014	Mohan Prasad P	Mohan Prasad P	Mohan Prasad P	A	Mohan Prasad P	Mohan Prasad P
12	1832J0016	Navin K C	Navin K C	Navin K C	A	Navin K C	Navin K C
13	1832J0017	Nijanthan K	Nijanthan K	Nijanthan K	Nijanthan K	Nijanthan K	Nijanthan K
14	1832J0018	Nirmal Vincent J	Nirmal Vincent J	Nirmal Vincent J	Nirmal Vincent J	Nirmal Vincent J	Nirmal Vincent J
15	1832J0019	Nishanthkumar M	Nishanthkumar M	Nishanthkumar M	Nishanthkumar M	Nishanthkumar M	Nishanthkumar M
16	1832J0020	Prathish M J	Prathish M J	Prathish M J	Prathish M J	Prathish M J	Prathish M J
17	1832J0021	Praveena M	Praveena M	Praveena M	Praveena M	Praveena M	Praveena M
18	1832J0023	Rohit Balaje V L	Rohit Balaje V L	Rohit Balaje V L	Rohit Balaje V L	Rohit Balaje V L	Rohit Balaje V L
19	1832J0024	Rohith S	Rohith S	Rohith S	Rohith S	Rohith S	A
20	1832J0025	Sakthi Vel R	A	Sakthi Vel R	Sakthi Vel R	Sakthi Vel R	Sakthi Vel R
21	1832J0026	Sindhu I	Sindhu I	Sindhu I	Sindhu I	Sindhu I	Sindhu I
22	1832J0027	Soundarya J	Soundarya J	Soundarya J	Soundarya J	Soundarya J	Soundarya J
23	1832J0029	Sruthi J M	Sruthi J M	Sruthi J M	Sruthi J M	Sruthi J M	Sruthi J M
24	1832J0030	Suryaprakash K M	Suryaprakash K M	Suryaprakash K M	A	Suryaprakash K M	Suryaprakash K M
25	1832J0031	Vasanth C A	Vasanth C A	Vasanth C A	Vasanth C A	Vasanth C A	Vasanth C A


S. No.	Register No.	Name of the student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
26	1832J0032	Vinu Sree J	Vin	Vin	Vin	Vin	Vin
27	1832J0033	Sathiyamoorthy K	Present	Present	Present	Present	Present
No. of students present			25	26	22	27	24
No. of students absent			2	1	5	-	3
Signature of the Coordinator			<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

CS Scanned with CamScanner



# Northwestern University

COURSE  
CERTIFICATE




Dec 5, 2022

**Sindhu I**

has successfully completed

**Fundamentals of Digital Image and Video Processing**

an online non-credit course authorized by Northwestern University and offered through Coursera



Joseph Cummings Professor,  
Department of Electrical Engineering and Computer Science,  
Northwestern University

Verify at:  
<https://coursera.org/verify/HBNF5VC828UJ>  
Coursera has confirmed the identity of this individual and their participation in the course.

## English for Modern Literacy

### Course Content

**Introduction to Media Literacy** - Overview of the Unit - Course Overview: Introduction to Media Literacy - Course Overview: Topics, Assessments, Games & Activities - Media is Everywhere - Listening: Interview with William Cowen - Language Focus: Previewing Texts - Game 1: Preview the Text - Unlockable Achievement 1 - Value Affirmation Activity - What is Media Literacy? - BASIC: Can you Separate Fact from Fiction? - ADVANCED: Can you Separate Fact from Fiction? - Part 1: How Can We Analyze Media Messages? - BASIC: Debate over Free Press in Ukraine Suffers from Old Stereotypes - ADVANCED: Debate over Free Press in Ukraine Suffers from Old Stereotypes - Unlockable Achievement 2 - Part 2: How Can we Analyze Media Messages? - Language Focus: Skimming and Scanning - Game 2: Skimming and Scanning - Game 3: Vocabulary Practice - Assessment 2: Family/Friend Media Usage Interview Findings - Online Learning Opportunities to Extend Your Skills - Game: Unit 1 Vocabulary Flashcards - Supplemental Reading: More to it! Media Literacy - Check Your Understanding: "More to it! Media Literacy" - Game: Review Previewing a Text - Supplemental Reading: Make up your Own Mind. These Mobile News Apps Can Help. - Check Your Understanding: "Make up your Own Mind. These Mobile News Apps Can Help." - Game: Review Skimming and Scanning - Check Your Understanding: William Cowen Interview - Assessment 1: Self-Assessment of Media Literacy Skills - Check Your Understanding: "Can you Separate Fact from Fiction?" - Check Your Understanding: "Debate over Free Press in Ukraine Suffers from Old Stereotypes"

**Types of Media: Traditional vs. Social** - Overview of the Unit - What is Traditional Media? - What is Social Media? - Game 1: Categorize each Media Example with Its Type (Traditional or Social) - Study Finds Most Americans Get News from Social Media - Unlockable Achievement 3 - Language Focus - Comparative Adjectives - Game 2: Replace the Adjective with a Comparative Form - Overcoming Bias: The Power of Social Media - Using Social Media to Support Causes - BASIC: 5 Ways Social Media Helps Syrian Refugees - ADVANCED: 5 Ways Social Media Helps Syrian Refugees - Language Focus - Reductions - Game 3: Choose the Correct Reduced Form - Part 1: The Reliability of Social Media (Editing/Doctoring Content) - Real or Not? Snowboarder's Video in Question - Unlockable Achievement 4 - Part 2: The Reliability of Social Media (Credibility) - The Language of New Media - Game 4: Vocabulary Review: Fill in the Blank - Assessment 2: Tweet - Game: Unit 2 Vocabulary Flashcards - EU Piles Pressure on Social Media Over Fake News - Checking Your Understanding: "EU Piles Pressure on Social Media Over Fake News" - Supplemental Reading: The Town that Runs on Twitter - Check Your Understanding: "The Town that Runs on Twitter" - Game: Grammar Practice - Reductions - Supplemental Reading: It's about How you Communicate your Message - Check Your Understanding: "It's about How you Communicate your Message" - Game: Identify the Positive Aspects of Social Media from the Sentence Bank - Check

Ways Social Media Helps Syrian Refugees" - Check Your Understanding: "Real or Not? Snowboarder's Video in Question" - Advertising.

**Overview of the Unit - What is Advertising?** - Thinking Critically about Advertisements - How do Advertisers Target Audiences? - Listening: Interview with Nancy Bollinger - Unlockable Achievement 5 - AI Cameras Aim to Guess Shopper's Age, Sex and Mood - Game 1: Match the Target Audience with the Product - Language Focus - Order of Adjectives - Game 2: Put the Adjectives in the Correct Order - Features of a Print Advertisement - Features of Radio and Television Advertisements - Language Focus - Intensifiers (Normal vs. Strong Adjectives) - Game 3: Choose the Correct Intensifier - BASIC: Internet Ads Outpace Print for First Time - ADVANCED: Internet Ads Outpace Print for First Time - Using the Internet to Advertise - Analyzing Advertisements - Sample Analysis of an Advertisement - Nielsen's, Sina Weibo Team Up for Closer Look at Chinese Social Media - Check Your Understanding: "Nielsen's, Sina Weibo Team Up for Closer Look at Chinese Social Media" - Unlockable Achievement 6 - Written Assessment Instructions & Model Answer - Unlockable Achievement 7 - Game: Unit 3 Vocabulary Flashcards - Digital Ads, Social Media Hide Political Campaign Messaging - Check Your Understanding: "Digital Ads, Social Media Hide Political Campaign Messaging" - Bonus Game: Intensifier Use - New TV Advertisements Shock Viewers - Check Your Understanding: "New TV Advertisements Shock Viewers". Check Your Understanding: Interview with Nancy Bollinger - Check Your Understanding: "AI Cameras Aim to Guess Shopper's Age, Sex and Mood" - Unit 3 Assessment 1: Advertising, thinking critically about ads, and targeting audiences - Check Your Understanding: "Internet Ads Outpace Print for First Time" - Assessment 2: Written Analysis of Advertisement.

**Bias in the Media - Overview of the Unit** - How Are Media Messages Created and Shared? - What is Media Bias? - BASIC: For the Press, Elections are a Test of Accountability - ADVANCED: For the Press, Elections are a Test of Accountability - Unlockable Achievement 8 - PART 1: Language Focus- Expressing Opinions using Modals (should, must, could, might) - PART 2: Language Focus- Expressing Opinions using Modals (should, must, could, might) - Game 1: Choose the Correct Modal - Assessment 1: Opinions on Media Sources - Bias by Omission - Are Facebook's Trending Topics Unfair? - Unlockable Achievement 9 - Bias by Placement - Language Focus - Connotation vs. Denotation - Game 2: Denotations and Connotations - Bias by Spin - Overcoming Bias - Game 3: Identifying Negative Connotations - Overview for Unit 4 Assessment 2 & Sample Bias Analysis - Instructions for Peer-reviewed Unit 4 Written Assessment 2 - Unlockable Achievement 10 - Game: Vocabulary Flashcards - Supplemental Reading: Are Biased Sources Replacing Standard News Networks in America? - Check Your Understanding: "Are Biased Sources Replacing News Networks?" - Game: Bias by Omission, Placement, or Spin? - Game: Positive/Neutral and Negative Connotations - Facebook Checks Its Bias - Check Your Understanding: "Facebook Checks Its Bias" - Check Your Understanding: "For the Press, Elections are a

Test of Accountability" - Check Your Understanding: "Are Facebook's Trending Topics Unfair?" - Unit 4 Assessment 2: Peer-Reviewed Media Bias.

**Diversity and the Media** - Overview of the Unit - What is Diversity? - Why is it Important for the Media to be Diverse? - BASIC: Minorities See Improvement, Demand More Diversity on US Television - ADVANCED: Minorities See Improvement, Demand more Diversity on US Television - Unlockable Achievement 11 - Language Focus: Using Negatives (not, no, never, hardly ever) - Game 1: Choose the Correct Negative for the Sentence - Race and Ethnicity in the Media - Study Examines Racial Bias in US Sports Reporting - Culture in the Media - Report: Americans Know Little about Native Americans - Women in the Media - UN to Advertisers: Go Beyond the Female Stereotypes - BASIC: Social Media Highlights Sexism in Olympics Coverage - ADVANCED: Social Media Highlights Sexism in Olympics Coverage - Unlockable Achievement 12 - Language Focus: Transitions - Game 2: Choose the Correct Transition - Diversity and Identity - Rising Number of Chinese, Asian Faces in Hollywood - Game 3: Vocabulary Review - Course Conclusion - Game: Unit 5 Vocabulary Flashcards - Supplemental Reading: Women Journalists Keep the News Coming - Check Your Understanding: "Women Journalists Keep the News Coming" - Supplemental Reading: Giving Voice to Sesame Street's First Afghan Muppet - Check Your Understanding: "Giving Voice to Sesame Street's First Afghan Muppet" - Game: Review: Transitions in a Text - Check Your Understanding: "Minorities See Improvement, Demand more Diversity on US Television" - Assessment 1: True or False: Media Diversity - Check Your Understanding: "Study Examines Racial Bias in US Sports Reporting" - Check Your Understanding: "Report: Americans Know Little about Native Americans" - Checking Your Understanding: "UN to Advertisers: Go Beyond the Female Stereotypes" - Check Your Understanding: "Social Media Highlights Sexism in Olympics Coverage" - Checking Your Understanding: "Rising Number of Chinese, Asian Faces in Hollywood" - Assessment 2: How Different Groups are Depicted in the Media.

KG COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)  
ACADEMIC YEAR 2022-23

Name of the Course : English for Media Literacy



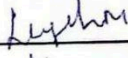



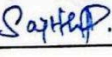
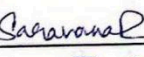
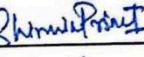




Duration of the Course : 42 hours

Start Date : 14-11-2022

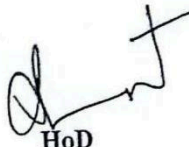
End Date : 14-12-2022

Class : II - M.Sc. SS

List of Students Enrolled:

S. No	Roll No.	Name of the Student	Signature
1	2132J01	Abubakkar Siddik. A	
2	2132J02	Jeevika V	
3	2132J03	Logesh M	
4	2132J04	Mini.M	
5	2132J05	Naveen N	
6	2132J06	Praveena. K	
7	2132J07	Sajitha.P	
8	2132J08	Saravanan R	
9	2132J09	Shirwin Prince I	
10	2132J10	Siva V	
11	2132J11	Srinidhi S	
12	2132J12	Sri Rajakavika P	
13	2132J13	Varun Krishnan M	

  
Add-on Coordinator

  
HoD

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)**  
**ACADEMIC YEAR 2022-23**

**Name of the Course :** English for Media Literacy

**Duration of the Course :** 42 hours

**Start Date :** 14-11-2022

**End Date :** 14-12-2022

**Class :** II - M.Sc. SS

**Attendance :**

S. No.	Register No.	Name of the student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
1	2132J0001	Abubakkar Siddik. A	AB	Ag	Ag	AB	Ag
2	2132J0002	Jeevika V	JH	JH	AB	JH	JH
3	2132J0003	Logesh M	Log	Log	AB	Log	Log
4	2132J0004	Mini.M	Mini.M	Mini.M	Mini.M	Mini.M	Mini.M
5	2132J0005	Naveen N	Naveen	Naveen	AB	AB	Naveen
6	2132J0006	Praveena. K	Praveena	Praveena	Praveena	Praveena	Praveena
7	2132J0008	Sajitha.P	SP	SP	SP	SP	SP
8	2132J0009	Saravanan R	Saravanan	Saravanan	Saravanan	Saravanan	Saravanan
9	2132J0010	Shirwin Prince I	Shirwin	Shirwin	Shirwin	Shirwin	Shirwin
10	2132J0011	Siva V	Siva	Siva	AB	AB	Siva
11	2132J0012	Srinidhi S	Srinidhi	Srinidhi	AB	Srinidhi	Srinidhi
12	2132J0013	Sri Rajakavika P	Sri Rajakavika	Sri Rajakavika	Sri Rajakavika	Sri Rajakavika	Sri Rajakavika
13	2132J0014	Varun Krishnan M	AB	Var	Var	AB	Var
<b>No. of students present</b>			11	13	8	9	13
<b>No. of students absent</b>			2	-	5	4	-
<b>Signature of the Coordinator</b>			Atb	Atb	Atb	Atb	Atb



Dec 2, 2022

**Sajitha P**

has successfully completed

**English for Media Literacy**

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

**COURSE  
CERTIFICATE**



*Lauren Fiori*

Lauren Fiori  
Advising Specialist  
English Language Programs  
University of Pennsylvania

*ln*

Ian Nichols  
Language Specialist  
English Language Programs  
University of Pennsylvania

Verify at:  
[coursera.org/verify/8XPPRMGW349](https://coursera.org/verify/8XPPRMGW349)

Coursera has confirmed the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

# Relational Database Design

## Course Content

**Introduction to DBMS, and Entity Relational Models :** Course Overview - Data, Information, Knowledge, and Intelligence - Solutions for Data Management - Data Stored in DBMS - What are Entities and Attributes (Identifiers)? - What are Relationships? Degree, Cardinality and Participation of Relationships - Entity Relationship Model Representation - Crow's foot notation - In - Class Exercise. Reading: Welcome and Where to Find Help - Assessment Strategy - Lab 1: Entity Relationship Models - Lab 1: Solutions - Lab 2: Entity Relationship Diagrams - Lab 2: Solutions - Entity Relationship Models - Entity Relationship Models: Solutions. Practice exercises: Unlock Lab 1 Solutions - Unlock Lab 2 Solutions - Unlock Entity Relationship Models Solutions.

**Relational Models:** What are Relations? - What are Keys? - What are Relational Schemas? - How to Convert ERDs to Relational Models-Practice. Lab 1: Relations - Lab 1: Solutions - Lab 2: Relational Schema - Lab 2: Solutions - Lab 3: Convert ERDs to Relational Models - Lab 3: Solutions - Relational Models - Relational Models: Solutions. Unlock Lab 1 Solutions - Unlock Lab 2 Solutions - Unlock Lab 3 Solutions - Unlock Relational Models Solutions.

**Normalization:** Data Redundancy and Normalization - Functional Dependencies - Full, Partial, and Transitive Functional Dependencies - Normal Forms and Normalization Process. Lab 1: Functional Dependencies - Lab 1: Solutions - Lab 2: Identify Special FDs - Lab 2: Solutions - Lab 3: Normalization Process - Lab 3: Solutions - Normalization - Normalization: Solutions. Unlock Lab 1 Solutions - Unlock Lab 2 Solutions - Unlock Lab 3 Solutions - Unlock Normalization Solutions .

**Case Study :** Background - Background: Solutions - Build the Entity Relationship Model - Build the Entity Relationship Model: Solutions - Create the Entity Relationship Diagram - Create the Entity Relationship Diagram: Solutions - Convert the ERD to the Relational Model - Convert the ERD to the Relational Model: Solutions - Normalize the Relational Model to 3NF - Normalize the Relational Model to 3NF: Solutions - Final Output for Implementation - Final Output for Implementation: Solutions Practice exercises : Unlock Step 1 Solutions - Unlock Step 2 Solutions - Unlock Step 3 Solutions - Unlock Step 4 Solutions - Unlock Step 5 Solutions - Unlock Step 6 Solutions .

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)**  
**ACADEMIC YEAR 2022-23**

**Name of the Course :** Relational Database Design

**Duration of the Course :** 32 hours

**Start Date :** 14-11-2022

**End Date :** 14-12-2022

**Class :** I - M.Sc. CS

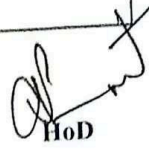
**List of Students Enrolled: 44**

S. No	Roll No.	Name of the Student	Signature
1	2232K01	Abbas N	N. Abbas
2	2232K02	Ajay Pandian S	S. Ajay
3	2232K03	Anishkumar S	S. Anish
4	2232K04	Ashik J	J. Ashik
5	2232K05	Bravendhiragura G	G. Bravendhiragura
6	2232K06	Dhaneesha C	C. Dhaneesha
7	2232K07	Dhanush R	R. Dhanusha
8	2232K08	Dharashini Priya R	R. Dharashini Priya
9	2232K09	Divya Sree R	R. Divya Sree
10	2232K10	Gokul Prasath S	S. Gokul prasath
11	2232K11	Hari Boobalan M	M. Hari
12	2232K12	Hasina Begam A	A. Hasina
13	2232K13	Jasperin Shallom J	J. Jasperin
14	2232K14	Kailash Ramasamy Gandhiraj	R. Kailash
15	2232K16	Karvin N	N. Karvin
16	2232K17	Kiran Kumar T S	S. Kiran
17	2232K19	Krishna Raj G V	G. V. Krishna Raj
18	2232K20	Monisha S	S. Monisha

S. No	Roll No.	Name of the Student	Signature
19	2232K21	Mukesh J	M. J.
20	2232K22	Nivetha G S	Nivetha G. S.
21	2232K23	Ponmudi M	Ponmudi M.
22	2232K25	Priyadharshini R	Priyadharshini R.
23	2232K26	Pushpasarathi S	Pushpasarathi S.
24	2232K27	Rajeshwari V	Rajeshwari V.
25	2232K29	Sanjay B	Sanjay B.
26	2232K31	Santhiya S	Santhiya S.
27	2232K32	Sarumathi K P	Sarumathi K. P.
28	2232K33	Selvaraj R	Selvaraj R.
29	2232K34	Shanthosh S	Shanthosh S.
30	2232K35	Shivani R	Shivani R.
31	2232K36	Siva Prakesh P	Siva Prakesh P.
32	2232K37	Surya B	Surya B.
33	2232K38	Swathi M	Swathi M.
34	2232K39	Swetha S	Swetha S.
35	2232K40	Vaishnavi V	V. Veleni
36	2232K41	Veeraharini N	Veeraharini N.
37	2232K42	Venkateshan K	Venkateshan K.
38	2232K43	Vijay Kamaraj	Vijay Kamaraj P.
39	2232K44	Yogesh S	Yogesh S.
40	2232K45	Bharthkumar V	Barth Kumar V.
41	2232K46	Rithick S	Rithick S.
42	2232K47	Anishkumar S	Anish Kumar S.

S. No	Roll No.	Name of the Student	Signature
43	2232K48	Rithick H C	Rithick
44	2232K50	Kalyani R	R. Kalyani

  
Add-on Coordinator

  
HoD

**KG COLLEGE OF ARTS AND SCIENCE**  
**DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)**  
**ACADEMIC YEAR 2022-23**

Name of the Course : Relational Database Design

Duration of the Course : 32 hours

Start Date : 14-11-2022






End Date : 14-12-2022

Class : I - M.Sc. CS

Attendance :

S. No.	Register No.	Name of the student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
1	2232K01	Abbas N	N.ABBAS	N.ABBAS	N.ABBAS	N.ABBAS	N.ABBAS
2	2232K02	Ajay Pandian S	S.Aj	S.Aj	S.Aj	S.Aj	S.Aj
3	2232K03	Anishkumar S	A	A	A	A	A
4	2232K04	Ashik J	Ashik J	Ashik J	Ashik J	Ashik J	Ashik J
5	2232K05	Bravendhiragura G	G.Brav	G.Brav	G.Brav	G.Brav	G.Brav
6	2232K06	Dhaneesha C	Dhaneesha C	Dhaneesha C	Dhaneesha C	Dhaneesha C	Dhaneesha C
7	2232K07	Dhanush R	R.Dh	R.Dh	R.Dh	R.Dh	R.Dh
8	2232K08	Dharashini Priya R	R.Dh	R.Dh	R.Dh	R.Dh	R.Dh
9	2232K09	Divya Sree R	R.Dh	R.Dh	R.Dh	R.Dh	R.Dh
10	2232K10	Gokul Prasath S	A	S.Aj	A	S.Aj	S.Aj
11	2232K11	Hari Boobalan M	Harib	Harib	Harib	Harib	Harib
12	2232K12	Hasina Begam A	Hasina	Hasina	Hasina	Hasina	Hasina
13	2232K13	Jasperin Shallom J	Jash	Jash	Jash	Jash	Jash
14	2232K14	Kailash Ramasamy Gandhiraj	Kash	Kash	Kash	Kash	Kash
15	2232K16	Karvin N	Karvin N	A	Karvin N	Karvin N	Karvin N
16	2232K17	Kiran Kumar T S	Kir	Kir	Kir	A	A

S. No	Roll No.	Name of the Student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
17	2232K19	Krishna Raj G V	A	A	G. V. G.	G. V. G.	G. V. G.
18	2232K20	Monisha S	S. Nand	A	S. Nand	S. Nand	S. Nand
19	2232K21	Mukesh J	M. J.	M. J.	M. J.	M. J.	M. J.
20	2232K22	Nivetha G S	N. G. S.	N. G. S.	N. G. S.	N. G. S.	N. G. S.
21	2232K23	Ponmudi M	M. P.	M. P.	M. P.	M. P.	M. P.
22	2232K25	Priyadarshini R	P. R.	P. R.	P. R.	P. R.	P. R.
23	2232K26	Pushpasarathi S	A	P. S.	P. S.	P. S.	A
24	2232K27	Rajeshwari V	V. R.	V. R.	V. R.	V. R.	V. R.
25	2232K29	Sanjay B	S. B.	S. B.	A	S. B.	S. B.
26	2232K31	Santhiya S	S. S.	S. S.	S. S.	S. S.	S. S.
27	2232K32	Sarumathi K P	S. K. P.	S. K. P.	S. K. P.	S. K. P.	S. K. P.
28	2232K33	Selvaraj R	A	A	S. R.	S. R.	S. R.
29	2232K34	Shanthosh S	S. S.	S. S.	S. S.	S. S.	S. S.
30	2232K35	Shivani R	S. R.	S. R.	S. R.	S. R.	S. R.
31	2232K36	Siva Prakesh P	P. P.	P. P.	P. P.	P. P.	P. P.
32	2232K37	Surya B	S. B.	S. B.	S. B.	S. B.	S. B.
33	2232K38	Swathi M	S. M.	S. M.	S. M.	S. M.	S. M.
34	2232K39	Swetha S	S. S.	S. S.	S. S.	S. S.	S. S.
35	2232K40	Vaishnavi V	V. V.	V. V.	V. V.	V. V.	V. V.
36	2232K41	Veeraharini N	N. N.	N. N.	N. N.	N. N.	N. N.
37	2232K42	Venkateshan K	K. K.	K. K.	K. K.	K. K.	K. K.
38	2232K43	Vijay Kamaraj	V. K.	V. K.	V. K.	V. K.	V. K.
39	2232K44	Yogesh S	S. S.	S. S.	S. S.	S. S.	S. S.
40	2232K45	Bharthkumar V	A	A	B. V.	B. V.	B. V.

S. No	Roll No.	Name of the Student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
41	2232K46	Rithick S	Prd	Prd	Prd	Prd	Prd
42	2232K47	Anishkumar S	Prd	Prd	Prd	Prd	Prd
43	2232K48	Rithick H C	Prd	Prd	Prd	Prd	Prd
44	2232K50	Kalyani R	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
No. of students present			39	38	41	42	42
No. of students absent			05	06	02	01	02
Signature of the Coordinator							



Dec 6, 2022

**Mukesh J**

has successfully completed

**Relational Database Design**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

Di Wu  
Instructor  
Data Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/7PHNY4JPMWWX>

Coursera has confirmed the identity of this individual and their participation in the course.

# Managing Bigdata with MYSQL

## Course Content

### About this Specialization and Course

The Coursera Specialization, "Managing Big Data with MySQL" is about how 'Big Data' interacts with business, and how to use data analytics to create value for businesses. This specialization consists of four courses and a final Capstone Project, where you will apply your skills to a real-world business process. You will learn to perform sophisticated data-analysis functions using powerful software tools such as Microsoft Excel, Tableau, and MySQL. To learn more about the specialization, please review the first lesson below, "Specialization Introduction: Excel to MySQL: Analytic Techniques for Business." In this fourth course of this specialization, "Managing Big Data with MySQL" you will learn how relational databases work and how they are used in business analysis. Specifically, you will: (1) Describe the structure of relational databases; (2) Interpret and create entity-relationship diagrams and relational schemas that describe the contents of specific databases; (3) Write queries that retrieve and sort data that meet specific criteria, and retrieve such data from real MySQL and Teradata business databases that contain over 1 million rows of data; (4) Execute practices that limit the impact of your queries on other coworkers; (5) Summarize rows of data using aggregate functions, and segment aggregations according to specified variables; (6) Combine and manipulate data from multiple tables across a database; (7) Retrieve records and compute calculations that are dependent on dynamic data features; (8) Translate data analysis questions into SQL queries that accommodate the types of anomalies found in real data sets. By the end of this course, you will have a clear understanding of how relational databases work and have a portfolio of queries you can show potential employers. Businesses are collecting increasing amounts of information with the hope that data will yield novel insights into how to improve businesses. Analysts that understand how to access this data – this means you! – will have a strong competitive advantage in this data-smitten business world.

### Understanding Relational Databases

This week you will learn how relational databases are organized, and practice making and interpreting Entity Relationship (ER) diagrams and relational schemas that describe the structure of data stored in a database. By the end of the week, you will be able to: (1) Describe the fundamental principles of relational database design (2) Interpret Entity Relationship (ER) diagrams and Entity Relationship (ER) schemas, and (3) Create your own ER diagrams and relational schemas using a software tool called ERDPlus.

### Queries to Extract Data from Single Tables

This week, you will start interacting with business databases. You will write SQL queries that query data from two real companies. One data set, donated from a local start-up in Durham, North Carolina called Dognition, is a MySQL database containing tables of over 1 million rows. The other data set, donated from a national US department store chain called Dillard's, is a Teradata database containing tables with over a hundred million rows. By the end of the week, you will be able to: 1. Use two different database user interfaces 2. Write queries to verify and describe all the contents of the Dognition MySQL database and the Dillard's Teradata database 3. Retrieve data that meet specific criteria in a socially-responsible way using SELECT, FROM, WHERE, LIMIT, and TOP clauses, and 4. Format the data you retrieve using aliases, DISTINCT clauses, and ORDER BY clauses. Make sure to watch the instructional videos about how to use the database interfaces we have established for this course, and complete both the MySQL

and the Teradata exercises.  
**Queries to Summarize Groups of Data from Multiple Tables**

This week, we are going to learn the SQL syntax that allows you to segment your data into separate categories and segment. We are also going to learn how to combine data stored in separate tables. By the end of the week, you will be able to: (1) Summarize values across entire columns, and break those summaries up according to specific variables or values in others columns using GROUP BY and HAVING clauses (2) Combine information from multiple tables using inner and outer joins (3) Use strategies to manage joins between tables with duplicate rows, many-to-many relationships, and atypical configurations (4) Practice one of the slightly more challenging use cases of aggregation functions, and (5) Work with the Dognition database to learn more about how MySQL handles mismatched aggregation levels. Make sure to watch the videos about joins, and complete both the MySQL and the Teradata exercises.

#### **Queries to Address More Detailed Business Questions**

The final week of Managing Big Data with MySQL! This week you will practice integrating the SQL syntax you've learned so far into queries that address analysis questions typical of those you will complete as a business data analyst. By the end of the week, you will be able to: (1) Design and execute subqueries (2) Introduce logical conditions into your queries using IF and CASE statements (3) Implement analyses that accommodate missing data or data mistakes, and (4) Write complex queries that incorporate many tables and clauses.

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ACADEMIC YEAR 2022-2023

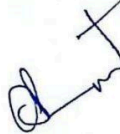
Name of the course: Managing Big data with MySQL  
Duration of the course: 32 hours  
Start Date: 14-11-2022  
End Date: 14-12-2022

Class: II.M.Sc. CS

List of students Enrolled

S. No	Roll No.	Name of the Student	Signature
1	2132K01	Abinaya. K	Abinaya K.
2	2132K02	Abinaya N	Abinaya N.
3	2132K03	Antony. M. R	AB
4	2132K04	Anu Sri S	S. Sri S.
5	2132K05	Arun Prasath B	B. Arun Prasath
6	2132K06	Arunprasath R	R. Arunprasath
7	2132K07	Hemanthkumar T	T. Hemanthkumar
8	2132K08	Kowshika. N	Kowshika N.
9	2132K10	Logith N.	N. Logith
10	2132K12	Mukundan K	K. Mukundan
11	2132K13	Prabhakaran. V	V. Prabhakaran
12	2132K15	Priyadarshini R	R. Priyadarshini
13	2132K17	Saranya N	N. Saranya
14	2132K18	Sethushree P	P. Sethushree
15	2132K22	Yogesh Prabu S	S. Yogesh Prabu
16	2132K23	Dhanya	Dhanya
17	2132K24	Esther Sharon	Esther Sharon
18	2132K25	Kishoor Mydeen	M. Kishoor Mydeen
19	2132K26	Sangeetha.S	S. Sangeetha
20	2132K28	Naveen Babu K	K. Naveen Babu

  
Add-on Coordinator

  
HOD

KGI COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF SOFTWARE SYSTEMS AND COMPUTER SCIENCE (PG)  
ACADEMIC YEAR - 2022-23

Name of the course: Managing Bigdata with MYSQL  
Duration of the course: 32 hours  
Start Date: 14-11-2022  
End Date: 14-12-2022

Class: II.M.Sc. CS  
Attendance:

S. No.	Register No.	Name of the student	14.11.22	15.11.22	16.11.22	17.11.22	18.11.22
1	2132K0405	Abinaya. K	Abin.K	Abin.K	Abin.K	Abin.K	Abin.K
2	2132K0406	Abinaya N	Abin.N	Abin.N	Abin.N	Abin.N	Ab
3	2132K0407	Antony. M. R	AB	AB	AB	AB	AB
4	2132K0408	Anu Sri S	S.Sri	S.Sri	S.Sri	S.Sri	S.Sri
5	2132K0410	Arun Prasath B	Ab	B.Arun	B.Arun	B.Arun	B.Arun
6	2132K0409	Arunprasath R	Ab	Ab	RAA	RAA	RAA
7	2132K0413	Hemanthkumar T	Ab	T.HC	T.HC	T.HC	T.HC
8	2132K0415	Kowshika. N	Kowshika.N	Kowshika.N	Kowshika.N	Kowshika.N	Kowshika.N
9	2132K0416	Logith N.	Ab	Logith	Logith	Logith	Logith
10	2132K0418	Mukundan K	Ab	Ab	K.Muk	K.Muk	K.Muk
11	2132K0420	Prabhakaran. V	V.Prab	V.Prab	V.Prab	V.Prab	V.Prab
12	2132K0422	Priyadarshini R	Priya.R	Priya.R	Priya.R	Priya.R	Priya.R
13	2132K0425	Saranya N	Saranya.N	Saranya.N	Saranya.N	Saranya.N	Saranya.N
14	2132K0426	Sethushree P	Seth.P	Seth.P	Seth.P	Seth.P	Seth.P
15	2132K0429	Yogesh Prabu S	Ab	Yogesh.Prabu	Yogesh.Prabu	Yogesh.Prabu	Yogesh.Prabu
16	2132K0411	Dhanya	Dhanya.B	Dhanya.B	Dhanya.B	Dhanya.B	Dhanya.B
17	2132K0412	Esther Sharon	Ab	Esther	Esther	Ab	Esther
18	2132K0414	Kishoor Mydeen	Ab	Kishoor	Kishoor	Kishoor	Kishoor
19	2132K0424	Sangeetha.S	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha
20	2132K0419	Naveen Babu K	Naveen.Babu	Naveen.Babu	Naveen.Babu	Naveen.Babu	Naveen.Babu
No. of students present			13	17	19	18	17
No. of students absent			09	05	01	02	05
Signature of the Coordinator			(M)	(M)	(M)	(M)	(M)



Dec 7, 2022

**KOWSHIKA N**

has successfully completed

**Managing Big Data with MySQL**

an online non-credit course authorized by Duke University and offered through Coursera

COURSE  
CERTIFICATE



Daniel Egger  
Executive in Residence and Director,  
Center for Quantitative Modeling  
Pratt School of Engineering

Jana Schaich Borg  
Assistant Research Professor  
Social Science Research Institute

Verify at:  
<https://coursera.org/verify/R5K35NRRDBSC>  
Coursera has confirmed the identity of this individual and their  
participation in the course.