NAAC DOCUMENTS

Quality Indicator Frame Work

Criterion – 2

Teaching-Learning and Evaluation

Submitted by

IQAC

Internal Quality Assurance Cell

Sri Bharathi Engineering College for Women

Criteria 2	Teaching-Learning and Evaluation	350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

COMPUTER SCIENCE AND ENGINEERING

PARTICIPATIVE LEARNING

Activity	Number of Students attended	Page No.
Value Added Course (VAC)	69	3
Symposium and Conference	15	58
TOTAL STUDENTS ATTENDED	84	-

Criteria 2	Teaching-Learning and Evaluation	350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

COMPUTER SCIENCE AND ENGINEERING

PARTICIPATIVE LEARNING

VALUE ADDED COURSE

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 / ODD SEMESTER
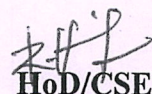
Date: 24 / 11 / 2020

DEPARTMENT CIRCULAR

A Value added course on "Rest API with flask and python" will be conducted by Rooboo Tech Software Development and Training Institute , Chennai for all Second year, Third year and Final Year CSE Students and also for final year IT students from 30/11/2020 to 04/12/2020 through online. Certificates will be issued to eligible participants at the end of the course.

S.No.	Name of the Course	Resource Person
1.	Rest API with flask and python	**Resource Person 1 :** Dr. N.Krishnaraj AWS Trainer **Resource Person 2 :** Dr. Vivek Yoganandh DevOps Trainer

HoD/CSE

CC:

- Principal's Office
- IQAC Coordinator
- Class In charges –II,III,IV year
- CSE Students–II,III,IV year
- IT Students- IV year
- Notice Board

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 / ODD SEMESTER

Value Added Course on "Rest API with flask and python"

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE FN/AN
1	Python data structures - Control statements- Functions- Object Oriented programming concepts using classes - objects and methods	3	30.11.2020
2	Implementation of user-defined Modules and Package- File handling in python- installation and Setup – Flask Components	3	30.11.2020
3	Beginning with Flask Introduction to RESTful services- uniform interface – Representation – Messages-	3	01.12.2020
4	Link between Resources – Caching – Stateless – Setting up Development Environment	3	01.12.2020
5	Data Modelling Introduction – SQL Database – NoSQL Database – MangoDB – Differences	3	02.12.2020
6	Create an application using SQL and MangoDB	3	02.12.2020
7	CRUD Application - User Authentication – Email Verification – File Upload	3	03.12.2020
8	API Documentation – Building Blocks – OpenAPI Specification	3	03.12.2020
9	Testing and Deploying - Unit Testing – Setting Up – User End points Unit Test –	3	04.12.2020
10	Deploying Flask Application –AWS- Google App – Application Monitoring	3	04.12.2020
	Total Periods :	30	

VAC Coordinator

Dr. S.THILAGAVATHI M.E.,Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukottai Dt.

HoD/ CSE

HOD / CSE
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI,
PUDUKKOTTAI - 622 303

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ACADEMIC YEAR 2020-2021 / ODD SEMESTER
Value Added Course on "Rest API with flask and python"

STUDENTS PARTICIPATION LIST-VAC PROGRAM

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/BRANCH
1	912617104001	ADAIKKALAJAYASRI J	IV / CSE
2	912617104002	AKILA S	IV / CSE
3	912617104003	BAVANI V	IV / CSE
4	912617104005	INDUMATHI S	IV / CSE
5	912617104006	KARTHIKA S	IV / CSE
6	912617104007	KAYATHRI K	IV / CSE
7	912617104008	MULLAIYARASI R	IV / CSE
8	912617104009	NISHADEVI G	IV / CSE
9	912617104010	PARAMESHWARI S	IV / CSE
10	912617104011	PERIYANAYAGI M	IV / CSE
11	912617104012	PRIYADARSHINI S	IV / CSE
12	912617104013	PRIYADHARSHINI C	IV / CSE
13	912617104014	PRIYATHARSHINI V	IV / CSE
14	912617104015	RIZWANA PARVEEN Z	IV / CSE
15	912617104017	SEETHALAKSHMI S	IV / CSE
16	912617104018	VAHINI D	IV / CSE
17	912617104019	VINOTHA P	IV / CSE
18	912617104301	JAYA PREETHA C	IV / CSE
19	912617104302	RAJA LAKSHMI R	IV / CSE
20	912617104303	SANGEETHA S	IV / CSE

Dr. S.THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai. Dt.

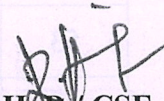| 20	912617104303	SANGEETHA S	IV / CSE
21	912617104701	NAVINA N	IV / CSE
22	912617205001	ANUSHIYA T	IV / IT
23	912617205002	GAYADHRI S	IV / IT
24	912617205003	KALAIVANI K	IV / IT
25	912617205004	MARYSELCIYA S	IV / IT
26	912617205005	MERCYKIRUBA S	IV / IT
27	912617205006	RUPASRI M	IV / IT
28	912617205007	SHANMATHI S	IV / IT
29	912617205008	VINODHINI M	IV / IT
30	912617205301	HEMALATHA A	IV / IT
31	912618104001	ABIRAMI S	III / CSE
32	912618104002	AKILA P	III / CSE
33	912618104003	BUVANESHWARI S	III / CSE
34	912618104004	EVANJELIN S	III / CSE
35	912618104005	FEFINA I	III / CSE
36	912618104007	GOWSALYA A	III / CSE
37	912618104011	JAYANTHINI T	III / CSE
38	912618104012	KAVIYASELVI K	III / CSE
39	912618104013	KOWSALYA S	III / CSE
40	912618104014	LAKSHMI N	III / CSE
41	912618104015	LAKSHMI PRABHA M	III / CSE
42	912618104017	MALA S	III / CSE
43	912618104018	MAMTHA G	III / CSE
44	912618104019	NIRANJANADEVI C	III / CSE
45	912618104020	NIVEDHA M	III / CSE

Dr. S.THILAGAVATHI M.E.,Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
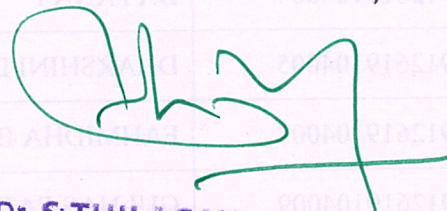COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.

46	912618104021	NIVETHA G	III / CSE
47	912618104022	PRIYADHARSHINI R	III / CSE
48	912618104023	PRIYAVATHANI A	III / CSE
49	912618104024	PUVIYARASI S	III / CSE
50	912618104025	RASMI J	III / CSE
51	912618104026	ROSLINA BEGUM R	III / CSE
52	912618104027	SINDHU V	III / CSE
53	912618104028	SIVASANGAVI A	III / CSE
54	912618104029	SURUTHIKA S	III / CSE
55	912618104031	SUSHMEENA K	III / CSE
56	912619104001	ANNAPOORANI M	II / CSE
57	912619104002	ANUSUYA S	II / CSE
58	912619104003	ARUNNAVAMEENA A	II / CSE
59	912619104004	DAYANA P	II / CSE
60	912619104005	DHARSHINI D	II / CSE
61	912619104007	FAHMIDHA B	II / CSE
62	912619104009	GULNAS FATHIMA S	II / CSE
63	912619104010	HELAN J	II / CSE
64	912619104011	KEERTHANA R	II / CSE
65	912619104012	MUTHULAKSHMI G	II / CSE
66	912619104013	MUTHU MEENAKSHI M	II / CSE
67	912619104014	NIROSHIKA R	II / CSE
68	912619104017	PARAMESHWARI S	II / CSE
69	912619104019	RANJANI K	II / CSE
70	912619104020	RILWANA PARVEEN J	II / CSE
71	912619104021	ROOPINA R	II / CSE
72	912619104022	SANDHIYA B	II / CSE

73	912619104023	SANTHI D	II / CSE
74	912619104024	SARANYA C	II / CSE
75	912619104027	SNEHA R	II / CSE
76	912619104029	SURIYA JOTHI S	II / CSE
77	912619104301	ABINAYA S	II / CSE
78	912619104302	GAYATHRIDEVI M	II / CSE

VAC Coordinator

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 / ODD SEMESTER

Value Added Course on "Rest API with flask and python"

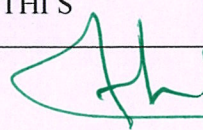| S.NO	REG.NO	NAME OF THE STUDENT	YEAR/ BRANCH	DATE 30.11.20		DATE 01.12.20		DATE 02.12.20		DATE 03.12.20		DATE 04.12.20		NO OF SESSIONS ATTENDED
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1	912617104001	ADAIKKALAJAYASRI J	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
2	912617104002	AKILA S	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
3	912617104003	BAVANI V	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
4	912617104005	INDUMATHI S	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
5	912617104006	KARTHIKA S	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
6	912617104007	KAYATHRI K	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
7	912617104008	MULLAIYARASI R	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
8	912617104009	NISHADEVI G	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
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10	912617104011	PERIYANAYAGI M	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10

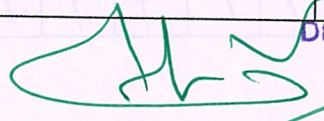Dr. S.THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt,

11	912617104012	PRIYADARSHINI S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
12	912617104013	PRIYADHARSHINI C	IV / CSE	/	/	/		/	/	/	/	/	/	10
13	912617104014	PRIYATHARSHINI V	IV / CSE	/		/	/	/		/		/	/	10
14	912617104015	RIZWANA PARVEEN Z	IV / CSE	/	/	/		/	/	/	/	/	/	10
15	912617104017	SEETHALAKSHMI S	IV / CSE	/	/	/	/	/						10
16	912617104018	VAHINI D	IV / CSE	/	/		/			/	/	/	/	10
17	912617104019	VINOTHA P	IV / CSE	/	/	/	/	/				/	/	10
18	912617104301	JAYA PREETHA C	IV / CSE	/	/	.	/	/	/	/	/	/	/	10
19	912617104302	RAJA LAKSHMI R	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
20	912617104303	SANGEETHA S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
21	912617104701	NAVINA N	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
22	912617205001	ANUSHIYA T	IV / IT	/	/	/	/	/	/	/	/	/	/	10
23	912617205002	GAYADHRI S	IV / IT	/		/	/	/	/	/	/	/	/	10
24	912617205003	KALAIVANI K	IV / IT				/	/			/	/	/	10
25	912617205004	MARYSELCIYA S	IV / IT	/	/	/	/	/	/	/	/	/	/	10
26	912617205005	MERCYKIRUBA S	IV / IT	/	/	/	/	/	/	/	/	/	/	10
27	912617205006	RUPASRI M	IV / IT	/				/	/	/	/	/	/	10
28	912617205007	SHANMATHI S	IV / IT	/	/	/	/	/	/	/	/	/	/	10.

No.	Reg No	Name	Class														Total
47	912618104022	PRIYADHARSHINI R	III / CSE														10
48	912618104023	PRIYAVATHANI A	III / CSE														10
49	912618104024	PUVIYARASI S	III / CSE														10
50	912618104025	RASMI J	III / CSE														10
51	912618104026	ROSLINA BEGUM R	III / CSE														10
52	912618104027	SINDHU V	III / CSE														10
53	912618104028	SIVASANGAVI A	III / CSE														10
54	912618104029	SURUTHIKA S	III / CSE														10
55	912618104031	SUSHMEENA K	III / CSE														10
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57	912619104002	ANUSUYA S	II / CSE														10
58	912619104003	ARUNNAVAMEENA A	II / CSE														10
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60	912619104005	DHARSHINI D	II / CSE														10
61	912619104007	FAHMIDHA B	II / CSE														10
62	912619104009	GULNAS FATHIMA S	II / CSE														10
63	912619104010	HELAN J	II / CSE														10
64	912619104011	KEERTHANA R	II / CSE														10

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32	912618104002	AKILA P	III / CSE												10
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35	912618104005	FEFINA I	III / CSE												10
36	912618104007	GOWSALYA A	III / CSE												10
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38	912618104012	KAVIYASELVI K	III / CSE												10
39	912618104013	KOWSALYA S	III / CSE												10
40	912618104014	LAKSHMI N	III / CSE												10
41	912618104015	LAKSHMI PRABHA M	III / CSE												10
42	912618104017	MALA S	III / CSE												10
43	912618104018	MAMTHA G	III / CSE												10
44	912618104019	NIRANJANADEVI C	III / CSE												10
45	912618104020	NIVEDHA M	III / CSE												10
46	912618104021	NIVETHA G	III / CSE												10

65	912619104012	MUTHULAKSHMI G	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
66	912619104013	MUTHU MEENAKSHI M	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
67	912619104014	NIROSHIKA R	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
68	912619104017	PARAMESHWARI S	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
69	912619104019	RANJANI K	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
70	912619104020	RILWANA PARVEEN J	II / CSE	✓	✓	✓	✓	a	a	✓	✓	✓	✓	08
71	912619104021	ROOPINA R	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
72	912619104022	SANDHIYA B	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
73	912619104023	SANTHI D	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
74	912619104024	SARANYA C	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
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76	912619104029	SURIYA JOTHI S	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
77	912619104301	ABINAYA S	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
78	912619104302	GAYATHRIDEVI M	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10

VAC Coordinator

HoD / CSE

HOD / CSE
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI,
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SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Report on Value Added Course

Title:	Rest API with flask and python

Resource Person:	**Resource Person 1 :** Dr. N.Krishnaraj AWS Trainer	**Resource Person 2 :** Dr. Vivek Yoganandh DevOps Trainer

Date of conduct from :	30.11.2020	To:	04.12.2020	Duration:	30 Hours

Organized Department :	COMPUTER SCIENCE AND ENGINEERING

Participant Year:	2,3,4 (CSE)& 4(IT)	Semester:	ODD	No. of Students Registered :	78

Venue:	https://meet.google.com/vzv-fnhj-kdp

Outcome of Value Added Course (VAC)

At the end of the VAC course the student can able to

- Explain basics of python to create flask application.
- Connect web or mobile applications to databases and servers via REST APIs.
- Understand the different layers of a web server and how web applications interact with each other.
- Create secure and reliable REST APIs which include authentication, deployments, and database migration.
- Develop professional-grade REST APIs with expert instruction.

Assessment Process

- Students securing **more than 60% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

VAC Coordinator

HoD / CSE
HOD / CSE
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURICHI,
PUDUKKOTTAI - 622 303.

Principal
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
KAIKKURCHI - 622 303
PUDUKKOTTAI DISTRICT

Dr. S.THILAGAVATHI M.E.,Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.

ROOBOO TECH
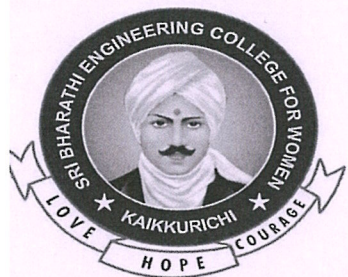## SOFTWARE TRAINING INSTITUTE

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Certificate of Completion

This is to certify that **Ms.D.SANTHI** is studying **II CSE** at Sri Bharathi Engineering College for Women has successfully completed her value added course titled **REST API WITH FLASK AND PYTHON** during the period from 30.11.2020 to 04.12.2020.

Managing Director
ROOBOO

Dr. S.THILAGAVATHI M.E.,Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.

Principal
SBECW

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Certificate of Completion

This is to certify that *Ms.S.AKILA* is studying *IV CSE* at *Sri Bharathi Engineering College for Women* has successfully completed her value added course titled *REST API WITH FLASK AND PYTHON* during the period from *30.11.2020* to *04.12.2020*.

Managing Director
ROOBOO

Dr. S.THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
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Certificate of Completion

This is to certify that **Ms. S. SHANMATHI** is studying **IV IT** at **Sri Bharathi Engineering College for Women** has successfully completed her value added course titled **REST API WITH FLASK AND PYTHON** during the period from 30.11.2020 to 04.12.2020.

Managing Director
ROOBOO

Dr. S. THILAGAVATHI M.E., Ph.D.,
PRINCIPAL
SRI BHARATHI ENGINEERING
COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.

Principal
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Certificate of Completion

This is to certify that **Ms.S.MALA** is studying **III CSE** at Sri Bharathi Engineering College for Women has successfully completed her value added course titled **REST API WITH FLASK AND PYTHON** during the period from 30.11.2020 to 04.12.2020.

Managing Director
ROOBOO

Dr. S.THILAGAVATHI M.E., Ph.D.,
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Kaikkurchi - 622 303, Pudukkottai Dt.

Principal
SBECW

SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
&
DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR 2020-2021 / ODD SEMESTER
Value Added Course on "Rest API with flask and python"

Name of the Student :   **Year/Sem:**

AU Register Number:

MCQ QUESTIONS (25X1 = 25 Marks)

1. Flask is a web development framework created in _____ language.
   a) C
   b) Java
   c) Python
   d) Javascript

2. Is the Flask framework open source?
   a) TRUE
   b) FALSE
   c) Can be true or false
   d) Can not say

3. It is released under the _____ Clause.
   a) BSD-0
   b) BSD-1
   c) BSD-2
   d) BSD-3

4. How to add the mailing feature in the Flask Application?
   a) pip install Flask
   b) pip install Flask-Mail
   c) install Flask-Mail
   d) pip Flask-Mail

5. WSGI stands for the?
   a) Write Server Gateway Interface
   b) Web Static Gateway Interface
   c) Web Server Gateway Interface
   d) Web Server Gateway Interact

6. Flask default port is?
   a) 2000
   b) 3000
   c) 4000
   d) 5000

7. Flask default host is a localhost (127.0.0.1)
   a) TRUE
   b) FALSE
   c) Can be true or false
   d) Can not say

8. Flask is called a?
   a) mini framework
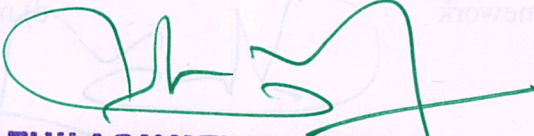   b) micro framework
   c) pera framework
   d) nano framework

9. Which of the following are the benefits of using the Flask framework?
   a) It has an inbuilt development server.   c) It is WSGI compliant
   b) It has vast third-party extensions   d) All of the above

10. Flask works with most of the RDBMSs, such as?
    a) PostgreSQL   c) MySQL
    b) SQLite   d) All of the above

11. _____ is used as a global namespace for holding any data during the application context.
    a) Flask a object   c) Flask g object
    b) Flask f object   d) Flask q object

12. Forms in Flask can be implemented by using an extension called ?
    a) Flask-ATF   c) Flask-GTM
    b) Flask-WTF   d) Flask-ZIP

13. The _____ decorator in Flask is used to bind URL to a function.
    a) route()   c) read()
    b) rend()   d) write()

14. Which function takes up the floating point number as argument?
    a) reverse()   c) route()
    b) show_blog()   d) revision()

15. Armin Ronacher created the Flask framework.
    a) TRUE   c) Can be true or false
    b) FALSE   d) Can not say

16. The _____ method of request.cookies attribute is used to read a cookie.
    a) read()   c) set()
    b) get()   d) find()

17. We can create an Admin interface in Flask using the Flask-Admin extension.
    a) TRUE   c) Can be true or false
    b) FALSE   d) Can not say

18. To release a session variable use _____ method.
    a) go()   c) pop()
    b) pull()   d) explode()

19. To integrate with Flask, we can make use of a Flask extension called Flask-Social.
    a) TRUE   c) Can be true or false
    b) FALSE   d) Can not say

20. Which of the following provides SMTP interface to Flask application?
    a) Flask Sijax   c) Flask WTF
    b) Flask SQLAlchemy   d) Flask Mail

21 . What is jinja2?
- a) Web Target Engine
- b) Web Transfer Engine
- c) Web Technology Engine
- d) Web Template Engine

22. By default, the flask server is _____?
- a) User-level thread
- b) Single-threaded
- c) multi-threaded
- d) None of these

23. Flask is reliant on which of the following?
- a) Jinja template
- b) Werkzeug WSGI framework
- c) Only A
- d) JavaScript

24. _____ is a framework for writing command line applications?
- a) MarkupSafe
- b) Jinja
- c) Click
- d) None of These

25. Which of the following dependency makes the development server's reloader quicker and more efficient in Flask?
- a) Blinker
- b) Watchdog
- c) Jinja
- d) None of these

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DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR 2020-2021 / ODD SEMESTER
Value Added Course on "Rest API with flask and Python"

ANSWER KEY

1	c	6	D	11	c	16	b	21	d
2	a	7	A	12	b	17	a	22	c
3	d	8	B	13	a	18	c	23	d
4	b	9	d	14	d	19	a	24	c
5	c	10	d	15	a	20	d	25	b

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ACADEMIC YEAR 2020-2021 / ODD SEMESTER

Value Added Course on "Rest API with flask and Python"

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/ BRANCH	ATTENDANCE DETAILS		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No of Sessions Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	912617104001	ADAIKKALAJAYASRI J	IV / CSE	10	100	23	92	96
2	912617104002	AKILA S	IV / CSE	10	100	19	76	88
3	912617104003	BAVANI V	IV / CSE	10	100	21	84	92
4	912617104005	INDUMATHI S	IV / CSE	10	100	22	88	94
5	912617104006	KARTHIKA S	IV / CSE	10	100	24	96	98
6	912617104007	KAYATHRI K	IV / CSE	10	100	23	92	96
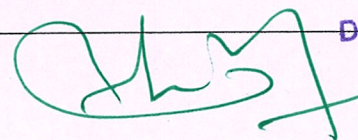
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				10	100	21	84	92
7	912617104008	MULLAIYARASI R	IV / CSE	10	100	21	84	92
8	912617104009	NISHADEVI G	IV / CSE	10	100	22	88	94
9	912617104010	PARAMESHWARI S	IV / CSE	10	100	20	80	90
10	912617104011	PERIYANAYAGI M	IV / CSE	10	100	24	96	98
11	912617104012	PRIYADARSHINI S	IV / CSE	10	100	21	84	92
12	912617104013	PRIYADHARSHINI C	IV / CSE	10	100	23	92	96
13	912617104014	PRIYATHARSHINI V	IV / CSE	10	100	22	88	94
14	912617104015	RIZWANA PARVEEN Z	IV / CSE	10	100	24	96	98
15	912617104017	SEETHALAKSHMI S	IV / CSE	10	100	22	88	94
16	912617104018	VAHINI D	IV / CSE	10	100	21	84	92
17	912617104019	VINOTHA P	IV / CSE	10	100	24	96	98
18	912617104301	JAYA PREETHA C	IV / CSE	10	100	23	92	96
19	912617104302	RAJA LAKSHMI R	IV / CSE	10	100	22	88	94
20	912617104303	SANGEETHA S	IV / CSE	10	100	21	84	92
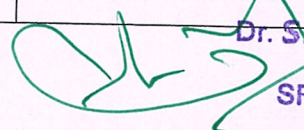
21	912617104701	NAVINA N	IV / CSE	10	100	19	76	88
22	912617205001	ANUSHIYA T	IV / IT	10	100	18	72	86
23	912617205002	GAYADHRI S	IV / IT	10	100	19	76	88
24	912617205003	KALAIVANI K	IV / IT	10	100	23	92	96
25	912617205004	MARYSELCIYA S	IV / IT	10	100	21	84	92
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29	912617205008	VINODHINI M	IV / IT	8	80	23	92	86
30	912617205301	HEMALATHA A	IV / IT	10	100	21	84	92
31	912618104001	ABIRAMI S	III / CSE	10	100	22	88	94
32	912618104002	AKILA P	III / CSE	10	100	24	96	98
33	912618104003	BUVANESHWARI S	III / CSE	10	100	23	92	96
34	912618104004	EVANJELIN S	III / CSE	10	100	24	96	98
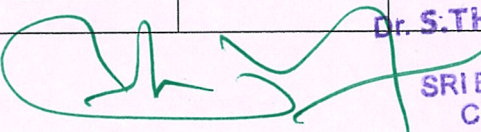
				10	100	23	92	96
35	912618104005	FEFINA I	III / CSE					
36	912618104007	GOWSALYA A	III / CSE	10	100	24	96	98
37	912618104011	JAYANTHINI T	III / CSE	10	100	22	88	94
38	912618104012	KAVIYASELVI K	III / CSE	10	100	21	84	92
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40	912618104014	LAKSHMI N	III / CSE	8	80	23	92	86
41	912618104015	LAKSHMI PRABHA M	III / CSE	10	100	21	84	92
42	912618104017	MALA S	III / CSE	10	100	24	96	98
43	912618104018	MAMTHA G	III / CSE	10	100	23	92	96
44	912618104019	NIRANJANADEVI C	III / CSE	10	100	23	92	96
45	912618104020	NIVEDHA M	III / CSE	10	100	24	96	98
46	912618104021	NIVETHA G	III / CSE	10	100	22	88	94
47	912618104022	PRIYADHARSHINI R	III / CSE	10	100	24	96	98
48	912618104023	PRIYAVATHANI A	II / CSE	10	100	23	92	96

				10	100	23	92	96
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50	912618104025	RASMI J	II / CSE	8	80	22	88	84
51	912618104026	ROSLINA BEGUM R	II / CSE	10	100	21	84	92
52	912618104027	SINDHU V	II / CSE	10	100	20	80	90
53	912618104028	SIVASANGAVI A	II / CSE	10	100	21	84	92
54	912618104029	SURUTHIKA S	II / CSE	10	100	25	100	100
55	912618104031	SUSHMEENA K	II / CSE	10	100	24	96	98
56	912619104001	ANNAPOORANI M	II / CSE	10	100	23	92	96
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60	912619104005	DHARSHINI D	II / CSE	10	100	23	92	96
61	912619104007	FAHMIDHA B	II / CSE	10	100	20	80	90
62	912619104009	GULNAS FATHIMA S	II / CSE	10	100	22	88	94
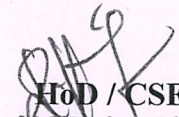
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65	912619104012	MUTHULAKSHMI G	II / CSE	10	100	21	84	92
66	912619104013	MUTHU MEENAKSHI M	II / CSE	10	100	24	96	98
67	912619104014	NIROSHIKA R	II / CSE	10	100	24	96	98
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70	912619104020	RILWANA PARVEEN J	II / CSE	8	80	24	96	98
71	912619104021	ROOPINA R	II / CSE	10	100	23	92	96
72	912619104022	SANDHIYA B	II / CSE	10	100	21	84	92
73	912619104023	SANTHI D	II / CSE	10	100	22	88	94
74	912619104024	SARANYA C	II / CSE	10	100	23	92	96
75	912619104027	SNEHA R	II / CSE	8	80	20	80	80
76	912619104029	SURIYA JOTHI S	II / CSE	10	100	24	96	98

77	912619104301	ABINAYA S	II / CSE	10	100	21	84	92
78	912619104302	GAYATHRIDEVI M	II / CSE	10	100	23	92	96

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PUDUKKOTTAI - 622 303

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 / EVEN SEMESTER

Date: 20 / 04 / 2021

DEPARTMENT CIRCULAR

A Value added course on **"Deep Learning Technique with its Algorithms"** will be conducted by **NOTUS soft solutions, Pudukkottai** for all Second year, Third year, Final Year CSE students and also for all Final Year IT students from 26/04/2021 to 30/04/2021 through online.Certificates will be issued to eligible participants at the end of the course.

S.No.	Name of the Course	Resource Person
1.	Deep Learning Technique with its Algorithms	**Resource Person 1 :** Mr.Prem Kumar B.E Master Trainer NOTUS soft solutions **Resource Person 2 :** Ms.R.Karpagam B.E Master Trainer NOTUS soft solutions

HoD/CSE

HOD / CSE
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PUDUKKOTTAI - 622 303

CC:

- Principal's office
- IQAC Coordinator
- Class In charges –II,III,IV year
- CSE Students – II,III,IV year
- IT Students – III,IV year
- Notice Board

Dr. **S.THILAGAVATHI** M.E.,Ph.D.,
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 / EVEN SEMESTER

Value Added Course on "Deep Learning Technique with its Algorithms"

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE FN/AN
1	Introduction to Neural Nets - - Training a network: loss functions, back propagation and stochastic gradient descent	3	26.04.2021
2	A Probabilistic Theory of Deep Learning- Backpropagation and regularization batch normalization- VC Dimension and Neural Nets-Deep Vs Shallow Networks	3	26.04.2021
3	Convolutional Networks- Architectures, convolution / pooling layers, Generative Adversarial Networks (GAN), Recurrent Neural Networks	3	27.04.2021
4	LSTM, GRU, Encoder Decoder architectures, Deep Unsupervised Learning	3	27.04.2021
5	Linear (PCA, LDA) and manifolds, metric learning - Auto encoders and dimensionality reduction in networks - Introduction to Convnet - Architectures –	3	28.04.2021
6	AlexNet, VGG, Inception, ResNet - Training a Convnet: weights initialization, batch normalization, hyperparameter optimization.	3	28.04.2021
7	Optimization in deep learning– Non-convex optimization for deep networks- Stochastic Optimization Generalization in neural networks- -	3	29.04.2021
8	Spatial Transformer Networks- Recurrent networks, LSTM Recurrent Neural Network Language Models	3	29.04.2021
9	Word-Level RNNs & Deep Reinforcement Learning - Computational & Artificial Neuroscience.	3	30.04.2021
10	Image net- Detection-Audio Wave Net-Natural Language Processing Word2Vec - Joint Detection Bioinformatics	3	30.04.2021
	Total Hours :	30	

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ACADEMIC YEAR 2020-2021 / EVEN SEMESTER

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STUDENTS PARTICIPATION LIST-VAC PROGRAM

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/BRANCH
1	912617104001	ADAIKKALAJAYASRI J	IV / CSE
2	912617104002	AKILA S	IV / CSE
3	912617104003	BAVANI V	IV / CSE
4	912617104005	INDUMATHI S	IV / CSE
5	912617104006	KARTHIKA S	IV / CSE
6	912617104007	KAYATHRI K	IV / CSE
7	912617104008	MULLAIYARASI R	IV / CSE
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11	912617104012	PRIYADARSHINI S	IV / CSE
12	912617104013	PRIYADHARSHINI C	IV / CSE
13	912617104014	PRIYATHARSHINI V	IV / CSE
14	912617104015	RIZWANA PARVEEN Z	IV / CSE
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16	912617104018	VAHINI D	IV / CSE
17	912617104019	VINOTHA P	IV / CSE
18	912617104301	JAYA PREETHA C	IV / CSE
19	912617104302	RAJA LAKSHMI R	IV / CSE
20	912617104303	SANGEETHA S	IV / CSE

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S.NO	REG.NO	NAME OF THE STUDENT	YEAR/BRANCH
21	912617104701	NAVINA N	IV / CSE
22	912617205001	ANUSHIYA T	IV / IT
23	912617205002	GAYADHRI S	IV / IT
24	912617205003	KALAIVANI K	IV / IT
25	912617205004	MARYSELCIYA S	IV / IT
26	912617205005	MERCY KIRUBA C	IV / IT
27	912617205006	RUPASRI M	IV / IT
28	912617205007	SHANMATHI S	IV / IT
29	912617205008	VINODHINI M	IV / IT
30	912617205301	HEMALATHA A	IV / IT
31	912618104001	ABIRAMI S	III / CSE
32	912618104002	AKILA P	III / CSE
33	912618104003	BUVANESHWARI S	III / CSE
34	912618104004	EVANJELIN S	III / CSE
35	912618104005	FEFINA I	III / CSE
36	912618104007	GOWSALYA A	III / CSE
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41	912618104015	LAKSHMI PRABHA M	III / CSE
42	912618104017	MALA S	III / CSE
43	912618104018	MAMTHA G	III / CSE
44	912618104019	NIRANJANADEVI C	III / CSE
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55	912618104031	SUSHMEENA K	III / CSE
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71	912619104022	SANDHIYA B	II / CSE
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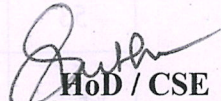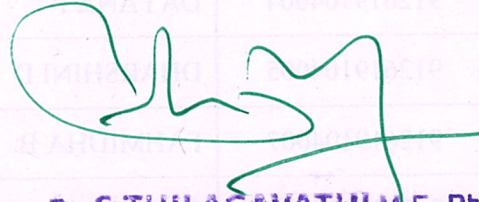
75	912619104029	SURIYA JOTHI S	II / CSE
76	912619104301	ABINAYA S	II / CSE
77	912619104302	GAYATHRIDEVI M	II / CSE
78	912619104501	ISWARYA C	II / CSE

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HoD / CSE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 / EVEN SEMESTER

Value Added Course on "Deep Learning Technique with its Algorithms"

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/ BRANCH	DATE 26.04.21		DATE 27.04.21		DATE 28.04.21		DATE 29.04.21		DATE 30.04.21		NO OF SESSIONS ATTENDED
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1	912617104001	ADAIKKALAJAYASRI J	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
2	912617104002	AKILA S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
3	912617104003	BAVANI V	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
4	912617104005	INDUMATHI S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
5	912617104006	KARTHIKA S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
6	912617104007	KAYATHRI K	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
7	912617104008	MULLAIYARASI R	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
8	912617104009	NISHADEVI G	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
9	912617104010	PARAMESHWARI S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10
10	912617104011	PERIYANAYAGI M	IV / CSE	/	/	/	/	/	/	/	/	/	/	10

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S.No	Reg. No	Name	Year/Dept											Total
11	912617104012	PRIYADARSHINI S	IV / CSE	a	a	✓	✓	✓	✓	✓	✓	✓	✓	08
12	912617104013	PRIYADHARSHINI C	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
13	912617104014	PRIYATHARSHINI V	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
14	912617104015	RIZWANA PARVEEN Z	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
15	912617104017	SEETHALAKSHMI S	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
16	912617104018	VAHINI D	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
17	912617104019	VINOTHA P	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
18	912617104301	JAYA PREETHA C	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
19	912617104302	RAJA LAKSHMI R	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
20	912617104303	SANGEETHA S	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
21	912617104701	NAVINA N	IV / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
22	912617205001	ANUSHIYA T	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
23	912617205002	GAYADHRI S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
24	912617205003	KALAIVANI K	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
25	912617205004	MARYSELCIYA S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
26	912617205005	MERCY KIRUBA C	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
27	912617205006	RUPASRI M	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
28	912617205007	SHANMATHI S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10

S.No	Reg. No	Name	Year / Dept												Total
29	912617205008	VINODHINI M	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
30	912617205301	HEMALATHA A	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
31	912618104001	ABIRAMI S	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
32	912618104002	AKILA P	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
33	912618104003	BUVANESHWARI S	III / CSE	✓	✓	✓	✓	a	a	✓	✓	✓	✓	08
34	912618104004	EVANJELIN S	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
35	912618104005	FEFINA I	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
36	912618104007	GOWSALYA A	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
37	912618104011	JAYANTHINI T	III / CSE	✓	✓	a	a	✓	✓	✓	✓	✓	✓	08
38	912618104012	KAVIYASELVI K	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
39	912618104013	KOWSALYA S	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
40	912618104014	LAKSHMI N	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
41	912618104015	LAKSHMI PRABHA M	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
42	912618104017	MALA S	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
43	912618104018	MAMTHA G	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
44	912618104019	NIRANJANADEVI C	III / CSE	a	a	✓	✓	✓	✓	✓	✓	✓	✓	08
45	912618104020	NIVEDHA M	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
46	912618104021	NIVETHA G	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10

47	912618104022	PRIYADHARSHINI R	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
48	912618104023	PRIYAVATHANI A	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
49	912618104024	PUVIYARASI S	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
50	912618104025	RASMI J	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
51	912618104026	ROSLINA BEGUM R	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
52	912618104027	SINDHU V	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
53	912618104028	SIVASANGAVI A	III / CSE	✓	✓	✓	✓	a	a	✓	✓	✓		08
54	912618104029	SURUTHIKA S	III / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
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60	912619104007	FAHMIDHA B	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
61	912619104009	GULNAS FATHIMA S	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
62	912619104010	HELAN J	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓		10
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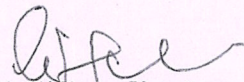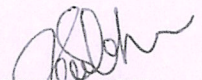
65	912619104013	MUTHU MEENAKSHI M	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
66	912619104014	NIROSHIKA R	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
67	912619104017	PARAMESHWARI S	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
68	912619104019	RANJANI K	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
69	912619104020	RILWANA PARVEEN J	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
70	912619104021	ROOPINA R	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
71	912619104022	SANDHIYA B	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
72	912619104023	SANTHI D	II / CSE	✓	✓	✓	✓	a	a	✓	✓	✓	✓	08
73	912619104024	SARANYA C	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
74	912619104027	SNEHA R	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
75	912619104029	SURIYA JOTHI S	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
76	912619104301	ABINAYA S	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
77	912619104302	GAYATHRIDEVI M	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
78	912619104501	ISWARYA C	II / CSE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10

VAC Coordinator
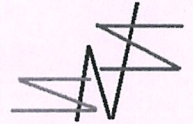
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

Report on Value Added Course

Title:	Deep Learning Technique with its Algorithms

Resource Person:	**Resource Person 1 :** Mr. Prem Kumar B.E., Master Trainer NOTUS soft solutions	**Resource Person 2 :** Ms.R.Karpagam B.E., Master Trainer NOTUS soft solutions

Date of conduct from :	26.04.2021	To:	30.04.2021	Duration:	**30 Hours**

Organized Department :	COMPUTER SCIENCE AND ENGINEERING

Participant Year:	2,3(CSE)& 4(CSE,IT)	Semester:	EVEN	No. of Students Registered :	78

Venue:	https://meet.google.com/qsh-utud-qdt

Outcome of Value Added Course (VAC)
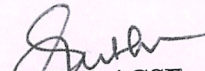
At the end of the VAC course the student can able to
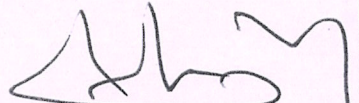
- Identify the deep learning algorithms which are more appropriate for various types of learning tasks in various domains.
- Implement deep learning algorithms and solve real-world problems.
- Introduce major deep learning algorithms, the problem settings, and their applications to solve real world problems.
- Explanation of algorithm to train the dataset.

Assessment Process

- Students securing **more than 60% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

VAC Coordinator	HoD / CSE	Principal

Notus Soft Solution

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Certificate of Completion

This is to certify that **Ms.G.NISHA DEVI** of **IV CSE** has completed her Value - added program regarding *Deep Learning with its Algorithm* for a period of 5 days from 26.04.2021 to 30.04.2021

Authorised Signature

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Principal

SBECW

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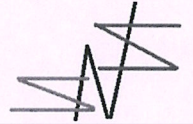
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Principal

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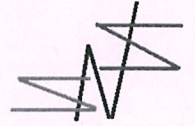
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Certificate of Completion

This is to certify that **Ms.N.LAKSHMI** of **III CSE** has completed her Value -added program regarding *Deep Learning with its Algorithm* for a period of 5 days from 26.04.2021 to 30.04.2021

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Certificate of Completion

This is to certify that **Ms.K.RANJANI** of **II CSE** has completed her Value -added program regarding *Deep Learning with its Algorithm* for a period of 5 days from 26.04.2021 to 30.04.2021

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 / EVEN SEMESTER
Value Added Course on "Deep Learning Technique with its Algorithms"

Name of the Student :   **Year/Sem:**

AU Register Number:

MCQ QUESTIONS (25X1 = 25 Marks)

1. Flask is a web development framework created in _____ language.
   - a) Numpy
   - b) SciPy
   - c) Deep Learning
   - d) All of the above

2. How many layers Deep learning algorithms are constructed?
   - a) 2
   - b) 3
   - c) 4
   - d) 5

3. The first layer is called the?
   - a) inner layer
   - b) outer layer
   - c) hidden layer
   - d) None of the above

4. RNNs stands for?
   - a) Receives neural networks
   - b) Report neural networks
   - c) Recording neural networks
   - d) Recurrent neural networks

5. Which of the following is/are Common uses of RNNs?
   - a) BusinessesHelp securities traders to generate analytic reports
   - b) Detect fraudulent credit-card transaction
   - c) Provide a caption for images
   - d) All of the above

6. Which of the following is well suited for perceptual tasks?
   - a) Feed-forward neural networks
   - b) Recurrent neural networks
   - c) Convolutional neural networks
   - d) Reinforcement Learning

7. CNN is mostly used when there is an?
   - a) structured data
   - b) unstructured data
   - c) Both A and B
   - d) None of the above

8. Which neural network has only one hidden layer between the input and output?
   - a) Shallow neural network
   - b) Deep neural network
   - c) Feed-forward neural networks
   - d) Recurrent neural networks

9. Which of the following is/are Limitations of deep learning?

a) Data labeling
b) Obtain huge training datasets
c) Both A and B
d) None of the above

10. Deep learning algorithms are _____ more accurate than machine learning algorithm in image classification.
a) 33%
b) 37%
c) 40%
d) 41%

11. In which of the following applications can we use deep learning to solve the problem?
a) Protein structure prediction
b) Prediction of chemical reactions
c) Detection of exotic particles
d) All of the above

12. Which of the following statements is true when you use 1×1 convolutions in a CNN?
a) It can help in dimensionality reduction
b) It can be used for feature pooling
c) It suffers less overfitting due to small kernel size
d) All of the above

13. The number of nodes in the input layer is 10 and the hidden layer is 5. The maximum number of connections from the input layer to the hidden layer are
a) 50
b) less than 50
c) more than 50
d) It is an arbitrary value

14. The input image has been converted into a matrix of size 28 X 28 and a kernel/filter of size 7 X 7 with a stride of 1. What will be the size of the convoluted matrix?
a) 20x20
b) 21x21
c) 22x22
d) 25x25

15. In a simple MLP model with 8 neurons in the input layer, 5 neurons in the hidden layer and 1 neuron in the output layer. What is the size of the weight matrices between hidden output layer and input hidden layer?
a) [1 X 5] , [5 X 8]
b) [5 x 1] , [8 X 5]
c) [8 X 5] , [5 X 1]
d) [8 X 5] , [1 X 5]

16. Which of the following functions can be used as an activation function in the output layer if we wish to predict the probabilities of n classes (p1, p2..pk) such that sum of p over all n equals to 1?
a) Softmax
b) ReLu
c) Sigmoid
d) Tanh

17. Assume a simple MLP model with 3 neurons and inputs= 1,2,3. The weights to the input neurons are 4,5 and 6 respectively. Assume the activation function is a linear constant value of 3. What will be the output ?
a) 32
b) 64
c) 96
d) 128

18. Which of the following would have a constant input in each epoch of training a Deep Learning model?
a) Weight between input and hidden layer
b) Weight between hidden and output layer
c) Biases of all hidden layer neurons
d) Activation function of output layer

19. Sentiment analysis using Deep Learning is a many-to one prediction task
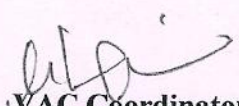
a) True

c) Can be true and fasle

b) False

d) can not say

20. In CNN, having max pooling always decrease the parameters?

a) True

c) Can be true and false

b) False

d) Can not say

21. Sentiment analysis using Deep Learning is a many-to one prediction task

a) True

c) Can be true and false

b) False

d) Can not say

22. Assume a simple MLP model with 3 neurons and inputs= 1,2,3. The weights to the input neurons are 4,5 and 6 respectively. Assume the activation function is a linear constant value of 3. What will be the output ?

a) 128

c) 256

b) 64

d) 96

23. What is a Boltzman machine?

a) A feedback network with hidden units

c) A feedback network with hidden units and probabilistic update

b) A feed forward network with hidden units

d) A feed forward network with hidden units and probabilistic update

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

a) Deep neural network

c) Recurrent neural networks

b) Feed-forward neural networks

d) Shallow neural network

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

a) 0.37%

c) 33%

b) 0.41%

d) 0.4%

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 / EVEN SEMESTER

Value Added Course on "Deep Learning Technique with its Algorithms"

ANSWER KEY

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

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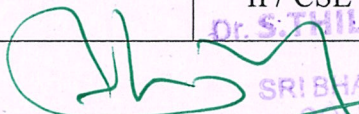
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
&
DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR 2020-2021 / EVEN SEMESTER

Value Added Course on "Deep Learning Technique with its Algorithms"

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/ BRANCH	ATTENDANCE DETAILS		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No of Sessions Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	912617104001	ADAIKKALAJAYASRI J	IV / CSE	10	100	21	84	92
2	912617104002	AKILA S	IV / CSE	10	100	23	92	96
3	912617104003	BAVANI V	IV / CSE	10	100	19	76	88
4	912617104005	INDUMATHI S	IV / CSE	10	100	24	96	98
5	912617104006	KARTHIKA S	IV / CSE	10	100	18	72	86
6	912617104007	KAYATHRI K	IV / CSE	10	100	22	88	94

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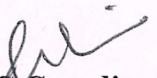COLLEGE FOR WOMEN
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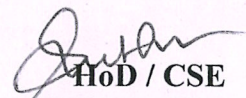|								
7	912617104008	MULLAIYARASI R	IV / CSE	10	100	23	92	96
8	912617104009	NISHADEVI G	IV / CSE	10	100	19	76	88
9	912617104010	PARAMESHWARI S	IV / CSE	8	80	21	84	92
10	912617104011	PERIYANAYAGI M	IV / CSE	10	100	22	88	94
11	912617104012	PRIYADARSHINI S	IV / CSE	8	80	22	88	84
12	912617104013	PRIYADHARSHINI C	IV / CSE	10	100	24	96	98
13	912617104014	PRIYATHARSHINI V	IV / CSE	10	100	23	92	96
14	912617104015	RIZWANA PARVEEN Z	IV / CSE	10	100	23	92	96
15	912617104017	SEETHALAKSHMI S	IV / CSE	10	100	21	84	92
16	912617104018	VAHINI D	IV / CSE	10	100	20	80	90
17	912617104019	VINOTHA P	IV / CSE	10	100	19	76	88
18	912617104301	JAYA PREETHA C	IV / CSE	10	100	18	72	86
19	912617104302	RAJA LAKSHMI R	IV / CSE	10	100	18	72	86
20	912617104303	SANGEETHA S	IV / CSE	10	100	21	84	92

21	912617104701	NAVINA N	IV / CSE	10	100	23	92	96
22	912617205001	ANUSHIYA T	IV / IT	10	100	22	88	94
23	912617205002	GAYADHRI S	IV / IT	10	100	21	84	92
24	912617205003	KALAIVANI K	IV / IT	10	100	18	72	86
25	912617205004	MARYSELCIYA S	IV / IT	10	100	21	84	92
26	912617205005	MERCY KIRUBA C	IV / IT	10	100	22	88	94
27	912617205006	RUPASRI M	IV / IT	10	100	21	84	92
28	912617205007	SHANMATHI S	IV / IT	10	100	19	76	88
29	912617205008	VINODHINI M	IV / IT	10	100	22	88	94
30	912617205301	HEMALATHA A	IV / IT	10	100	24	96	98
31	912618104001	ABIRAMI S	III / CSE	10	100	24	96	98
32	912618104002	AKILA P	III / CSE	10	100	21	84	92
33	912618104003	BUVANESHWARI S	III / CSE	8	80	23	92	86
34	912618104004	EVANJELIN S	III / CSE	10	100	22	88	94
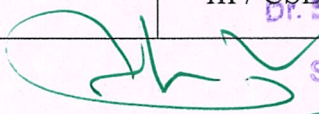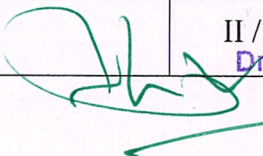
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35	912618104005	FEFINA I	III / CSE	10	100	22	88	94
36	912618104007	GOWSALYA A	III / CSE	10	100	21	84	92
37	912618104011	JAYANTHINI T	III / CSE	8	80	21	84	82
38	912618104012	KAVIYASELVI K	III / CSE	10	100	24	96	98
39	912618104013	KOWSALYA S	III / CSE	10	100	23	92	96
40	912618104014	LAKSHMI N	III / CSE	10	100	22	88	94
41	912618104015	LAKSHMI PRABHA M	III / CSE	10	100	23	92	96
42	912618104017	MALA S	III / CSE	10	100	21	84	92
43	912618104018	MAMTHA G	III / CSE	10	100	19	76	88
44	912618104019	NIRANJANADEVI C	III / CSE	8	80	21	84	82
45	912618104020	NIVEDHA M	III / CSE	10	100	23	92	96
46	912618104021	NIVETHA G	III / CSE	10	100	24	96	98
47	912618104022	PRIYADHARSHINI R	III / CSE	10	100	18	72	86
48	912618104023	PRIYAVATHANI A	III / CSE	10	100	19	76	88

49	912618104024	PUVIYARASI S	III / CSE	10	100	18	72	86
50	912618104025	RASMI J	III / CSE	10	100	19	76	88
51	912618104026	ROSLINA BEGUM R	III / CSE	10	100	21	84	92
52	912618104027	SINDHU V	III / CSE	10	100	24	96	98
53	912618104028	SIVASANGAVI A	III / CSE	8	80	23	92	86
54	912618104029	SURUTHIKA S	III / CSE	10	100	24	96	98
55	912618104031	SUSHMEENA K	III / CSE	10	100	21	84	92
56	912619104001	ANNAPOORANI M	II / CSE	10	100	18	72	86
57	912619104003	ARUNNAVAMEENA A	II / CSE	10	100	19	76	88
58	912619104004	DAYANA P	II / CSE	10	100	21	84	92
59	912619104005	DHARSHINI D	II / CSE	10	100	20	80	90
60	912619104007	FAHMIDHA B	II / CSE	10	100	19	76	88
61	912619104009	GULNAS FATHIMA S	II / CSE	10	100	22	88	94
62	912619104010	HELAN J	II / CSE	10	100	23	92	96

				10	100	22	88	94
63	912619104011	KEERTHANA R	II / CSE	10	100	22	88	94
64	912619104012	MUTHULAKSHMI G	II / CSE	10	100	23	92	96
65	912619104013	MUTHU MEENAKSHI M	II / CSE	10	100	22	88	94
66	912619104014	NIROSHIKA R	II / CSE	10	100	23	92	96
67	912619104017	PARAMESHWARI S	II / CSE	10	100	21	84	92
68	912619104019	RANJANI K	II / CSE	10	100	24	96	98
69	912619104020	RILWANA PARVEEN J	II / CSE	10	100	23	92	96
70	912619104021	ROOPINA R	II / CSE	10	100	22	88	94
71	912619104022	SANDHIYA B	II / CSE	10	100	24	96	98
72	912619104023	SANTHI D	II / CSE	8	80	22	88	84
73	912619104024	SARANYA C	II / CSE	10	100	21	84	92
74	912619104027	SNEHA R	II / CSE	10	100	22	88	94
75	912619104029	SURIYA JOTHI S	II / CSE	10	100	21	84	92
76	912619104301	ABINAYA S	II / CSE	10	100	22	88	94

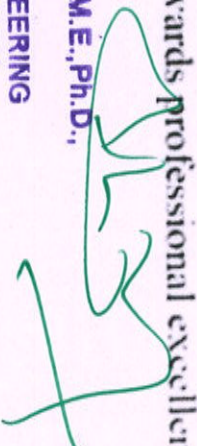| 77 | 912619104302 | GAYATHRIDEVI M | II / CSE | 10 | 100 | 21 | 84 | 92 |
| 78 | 912619104501 | ISWARYA C | II / CSE | 10 | 100 | 23 | 92 | 96 |

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PUDUKKOTTAI - 622 303

Criteria 2	Teaching-Learning and Evaluation	350

Key Indicator- 2.3. Teaching- Learning Process (40)

2020-2021

COMPUTER SCIENCE AND ENGINEERING

PARTICIPATIVE LEARNING

CONFERENCE AND SYMPOSIUM

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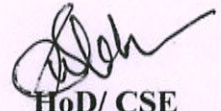
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PARTICIPATIVE LEARNING (SYMPOSIUM/WORKSHOP/SEMINAR)

ACADEMIC YEAR 2020 – 2021

S.No	Register No	Student Name	Year/Sem	Name of the Learning Method
1.	912617104003	V.Bavani	IV/ VIII	Workshop - Cyber Security
2.	912617104303	S.Sangeetha		
3.	912617104701	N.Navina		
4.	912618104001	S.Abirami	III/ VI	
5.	912618104015	M.Lakshmi Prabha		
6.	912618104024	S.Puviyarasi		
7.	912619104001	M.Annapoorani	II/ IV	
8.	912619104005	B.Fahmidha		
9.	912619104010	J.Helan		
10.	912618104002	P.Akila	III/ VI	Online quiz - "Indian english literature"
11.	912618104013	S.Kowsalya		
12.	912619104011	R.Keerthana	II/ IV	
13.	912619104021	R.Roopina		
14.	912619104029	S.Suriyajothi		
15.	912618104011	T.Jayanthini	III/ VI	International Webinar - Effective Communication Skills for Successful Career
16.	912618104012	K.Kaviyaselvi		
17.	912618104029	S.Suruthika		
18.	912619104005	R.Dharshini	II/ IV	
19.	912619104021	R.Roopina		
20.	912619104023	D.Shanthi		
21.	912619104005	B.Fahmidha	II/ IV	National science day celebration - poetry
22.	912619104009	S.Gulnas Fathima		
23.	912619104003	A.Arun nava meena	II/ IV	National science day celebration - drawing

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the experiential way by implementing concepts of network security, cryptography, social and

reverse engineering   for building on Cyber Se

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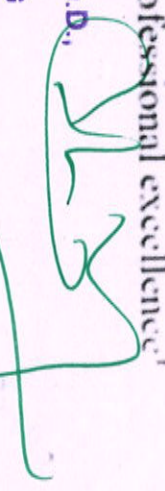Wishing you all the best on your journey towards professional excellence"

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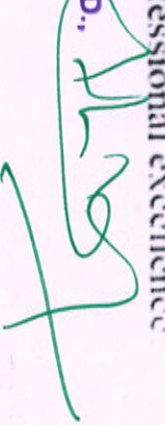
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S.Sangeetha

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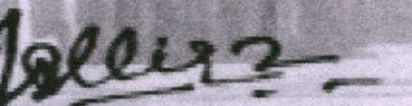
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INDIAN ENGLISH LITERATURE
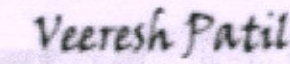
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COLLEGE FOR WOMEN
Kaikkurchi - 622 303, Pudukkottai Dt.

participated in Online quiz on 'Indian English Literature' organiz

he department of English during Covid-19 Lockdown Per

V. A. ADAHALLI   **MR. C. M. AIGALI**   **DR. K. M. AWARADI**   **DR. R. M. PAT**

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Veeresh Patil

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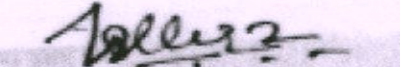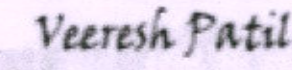
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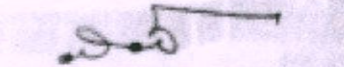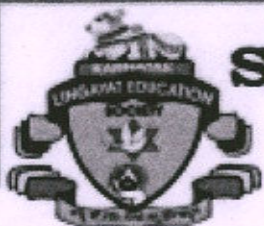COLLEGE FOR WOMEN
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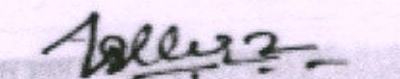## DEPARTMENT OF ENGLISH

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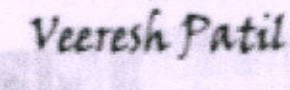# EFFECTIVE COMMUNICATION SKILLS FOR SUCCESSFUL CAREER

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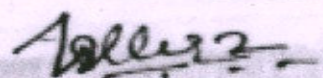
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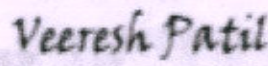## EFFECTIVE COMMUNICATION SKILLS FOR SUCCESSFUL CAREER

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National Science Day Celebrations -2021

● 125 years of discovery of X-rays and Radioactivity ●

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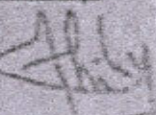
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President
IARP (K)

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