Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF ARTS

Date : 31.08.2020

VALUE ADDED COURSE

CIRCULAR

Sub: Organising Short Term Course (online) on Operating System and Internet through the Arts- reg.,

With reference to the above mentioned subject, we bring it to your notice that School of Arts, Bharath Institute of Higher Education & Research is organising **"Short Term Course on Operating System and Internet"**. The syllabus and registration form is enclosed below.

The candidates those who are interested to join must fill the registration form and submit to the course coordinator Mrs. P. Jennifer, School of Arts on or before 03.09.2020. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Dean-Faculty of Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073. INDIA

Encl: A copy of Syllabus & Registration form

Copy To:

1.All HODs

2.Office File/ Notice Board

Bharath Institute of Higher Education & Research
School of Arts
Participant List

Value Added Course : Short Term Course on Operating System and Internet

S.NO	REG.No	NAME OF THE CANDIDATE	DEPARTMENT
1	U15BA004	CHRISTY JOSEPH P	BBA
2	U15BA005	DHINAKARAN P	BBA
3	U15BA008	JOTHI B	BBA
4	U15BA009	JOYEL T JOSE	BBA
5	U15BA012	KOWSHIK S	BBA
6	U15BA013	LALITHA PRIYA P	BBA
7	U15BA014	M. MEENA	BBA
8	U15BA015	M. VIJAYA RAM	BBA
9	U15BA036	ARUN KUMAR A	BBA
10	U15BA038	MULAGOORI SREETHA	BBA
11	U15BA039	MOHAN M	BBA
12	U15BA042	G GOVARDHAN NAIDU	BBA
13	U15BA030	THENMOZHI M	BBA
14	U15BC008	AJITH M	B.COM
15	U15BC009	AKASH A	B.COM
16	U15BC011	ANBUMURUGAN P	B.COM
17	U15BC013	RAJESHWARI B	B.COM
18	U15BC014	B. SHAFIULLAH	B.COM
19	U15BC031	DIVYA M	B.COM
20	U15BC032	GAYATHRI J	B.COM
21	U15BC033	GAYATHRI M	B.COM
22	U15BC035	GOVINDASAMY K	B.COM
23	U15BC037	GUGAN G	B.COM
24	U15BC038	GUNASEKARAN G	B.COM
25	U15BC056	MADHANMANIKANDAN M	B.COM
26	U15BC058	MANIKANDAN G	B.COM
27	U15BC059	MANJULA R	B.COM
28	U15BC060	MENAKA B	B.COM
29	U15BC087	RAMYA C	B.COM
30	U15BC088	RANJITH KUMAR S	B.COM
31	U15BC090	RANJITHA M	B.COM
32	U15BC091	SAGAYA SANTHOSH A	B.COM
33	U15BE007	PRINCE ANJALA M	English
34	U15BE008	PRINCEYAL T	English
35	U15BE009	SNEHA S	English

41	U15BS007	SABARINATHAN S	Bio Technology
42	U15BS009	SONIYA S	Bio Technology
43	U15CI006	SIVAKUMAR S	Chemistry
44	U15CI007	THANGARAJ D	Chemistry
45	U15CI009	JOYCE K	Chemistry
46	U15CI010	YASAR ARAFATH M	Chemistry
47	U15MA005	MUTHUKUMAR G	Maths
48	U15MA006	MUTHULAKSHMI K	Maths
49	U15MI012	SANGIYA K	Micro Biology

SCHOOL OF ARTS

Value Added Course

Short Term Course on Operating System and Internet

Syllabus

Introduction Architecture, Goals & Structures of O.S, Basic functions, Interaction of O. S. & hardware architecture, System calls, Batch, multiprogramming. Multitasking, time sharing, parallel, distributed & real -time O.S.

Process Management Process Concept, Process states, Process control, Threads, Uni-processor Scheduling: Types of scheduling: Preemptive, Non preemptive, Scheduling algorithms: FCFS, SJF, RR, Priority, Thread Scheduling, Real Time Scheduling. System calls like ps, fork, join, exec family, wait.

Synchronization: Readers-Writers, Producer Consumer, and Dining Philosopher problem. Deadlock: Principles of deadlock, Deadlock Prevention, Deadlock Avoidance, Deadlock Detection, System calls like signal, kill.

Virtual Memory: Concepts, management of VM, Page Replacement Policies (FIFO, LRU, Optimal, Other Strategies), Thrashing.

Memory Management Memory Management requirements, Memory partitioning: Fixed and Variable Partitioning, Memory Allocation: Allocation Strategies (First Fit, Best Fit, and Worst Fit), Fragmentation, Swapping, and Paging. Segmentation, Demand paging

Knowing computer: What is Computer, Basic Applications of Computer; Components of Computer System, Central Processing Unit (CPU), VDU, Keyboard and Mouse, Other input/output Devices, Computer Memory, Concepts of Hardware and Software; Concept of Computing, Data and Information;

Communication using the Internet: Basic of Computer networks; LAN, WAN; Concept of Internet; Applications of Internet; connecting to internet; What is ISP; Knowing the Internet; Basics of internet connectivity related troubleshooting. 6. WWW and Web Browsers: World Wide Web; Web Browsing softwares, Search Engines; Understanding URL; Domain name; IP Address; Using e-governance website.

SCHOOL OF ARTS

Registration Form

Value Added Course

Short Term course on Operating System and Internet

Date: 03/09/2020

Name : Jothi. B

Reg.No. : U15BA008

Gender : Male

Department : BBA

Year :

Contact No. : 91042 10242

Email ID : 125Jothi@gmail.com.

Course Applied For : OS & Internet.

Signature

SCHOOL OF ARTS

Registration Form

Value Added Course

Short Term course on Operating System and Internet

Date: 03/09/2020

Name : Ramya .C

Reg.No. : U15BC087

Gender : Female

Department : B. Com

Year :

Contact No. : 86432 12345

Email ID : CRamya@yahoo.com

Course Applied For : OS & Internet

Signature

Bharath Institute of Higher Education & Research
School of Arts
TIME TABLE

Short Term Course on Operating Systems and Internet
Course Duration:30 Hrs

S.No	Date	Time	Hour
1	03.09.2020	2.00-4.00p.m	2
2	04.09.2020	2.00-4.00p.m	2
3	05.09.2020	2.00-4.00p.m	2
4	07.09.2020	2.00-4.00p.m	2
5	08.09.2020	2.00-4.00p.m	2
6	09.09.2020	2.00-4.00p.m	2
7	10.09.2020	2.00-4.00p.m	2
8	11.09.2020	2.00-4.00p.m	2
9	12.09.2020	2.00-4.00p.m	2
10	14.09.2020	2.00-4.00p.m	2
11	15.09.2020	2.00-4.00p.m	2
12	16.09.2020	2.00-4.00p.m	2
13	17.09.2020	2.00-4.00p.m	2
14	18.09.2020	2.00-4.00p.m	2
15	19.09.2020	2.00-4.00p.m	2

Bharath Institute of Higher Education & Research
School of Arts
TIME TABLE

Bharath Institute of Higher Education & Research
School of Arts
LESSON PLAN

Short Term Course on Operating System and Internet   **Course Duration:30 Hrs**

S.No	Date	Topic	Time	Hours
1	03.09.2020	Operating systems overview	2.00-4.00p.m	2
2	04.09.2020	Basic hardware elementes	2.00-4.00p.m	2
3	05.09.2015	Process management	2.00-4.00p.m	2
4	07.09.2020	Syncronization mechanisms	2.00-4.00p.m	2
5	08.09.2020	Deadlock	2.00-4.00p.m	2
6	09.09.2020	Virtual memory	2.00-4.00p.m	2
7	10.09.2020	Classification of memory management techniques	2.00-4.00p.m	2
8	11.09.2020	Basic Applications of Computer	2.00-4.00p.m	2
9	12.09.2020	Components of Computer System, Central Processing Unit (CPU), VDU, Keyboard and Mouse, Other input/output Devices,	2.00-4.00p.m	2
10	14.09.2020	Computer Memory, Concepts of Hardware and Software;	2.00-4.00p.m	2
11	15.09.2020	Concept of Computing, Data and Information;	2.00-4.00p.m	2
12	16.09.2015	Basic of Computer networks; LAN, WAN;	2.00-4.00p.m	2
13	17.09.2020	Concept of Internet; Applications of Internet; connecting to internet;	2.00-4.00p.m	2
14	18.09.2020	Knowing the Internet; Basics of internet connectivity related troubleshooting.	2.00-4.00p.m	2
15	19.09.2020	World Wide Web; Web Browsing softwares, Search Engines;	2.00-4.00p.m	2

SCHOOL OF ARTS

Course Feedback form

Value Added Courses

Short Term Course on Operating System and Internet

19.9.2020

Date:

Course Title: Short Term Course on Operating System and Internet

Name: Nohan. M

RegNo: U15BA039

Department: BBA

S.No	Particulars	1	2	3	4	5
	(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very Satisfied)					
1.	Objectives of the course clear to you					✓
2.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand				✓	
5.	Teaching aids were effective					✓
6.	Instructors encourage interaction and were helpful					✓
7.	The level of the course					✓
	(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)	1	2	3	4	5
8.	Overall rating of the course:					✓

Please give Suggestion for the improvement of the course:

Signature

Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF ARTS

Course Feedback form

Value Added Courses

Short Term Course on Operating System and Internet

Date: 19.9.2020

Course Title: Short Term Course on Operating System and Internet

Name: Manjula . R

RegNo: U15BC059

Department: B. Com

S.No	Particulars	1	2	3	4	5
	(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very Satisfied)					
1.	Objectives of the course clear to you				✓	
2.	Course contents met with your expectations					✓
3.	Lecture sequence was well planned					✓
4.	Lectures were clear and easy to understand					✓
5.	Teaching aids were effective				✓	
6.	Instructors encourage interaction and were helpful				✓	
7.	The level of the course					✓
	(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)	1	2	3	4	5
8.	Overall rating of the course:					✓

Please give Suggestion for the improvement of the course:

Signature

Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

Bharath Institute of Science and Technology

83,3,Agharam Main Road, Secretariat Colony, Tiruvanchery, Selaiyur, Chennai - 600126,Tamil Nadu, India.

SCHOOL OF ARTS

Certificate of Participation

This certificate is awarded to Mr./ Ms. M. THENMOZHI for enthusiastic participation and completion of the Short Term Course on Operating System and Internet through the Arts from 03.09.2020 to 19.09.2020.

Mrs.P. Jennifer
Course Coordinator

Mr.S.Kannan
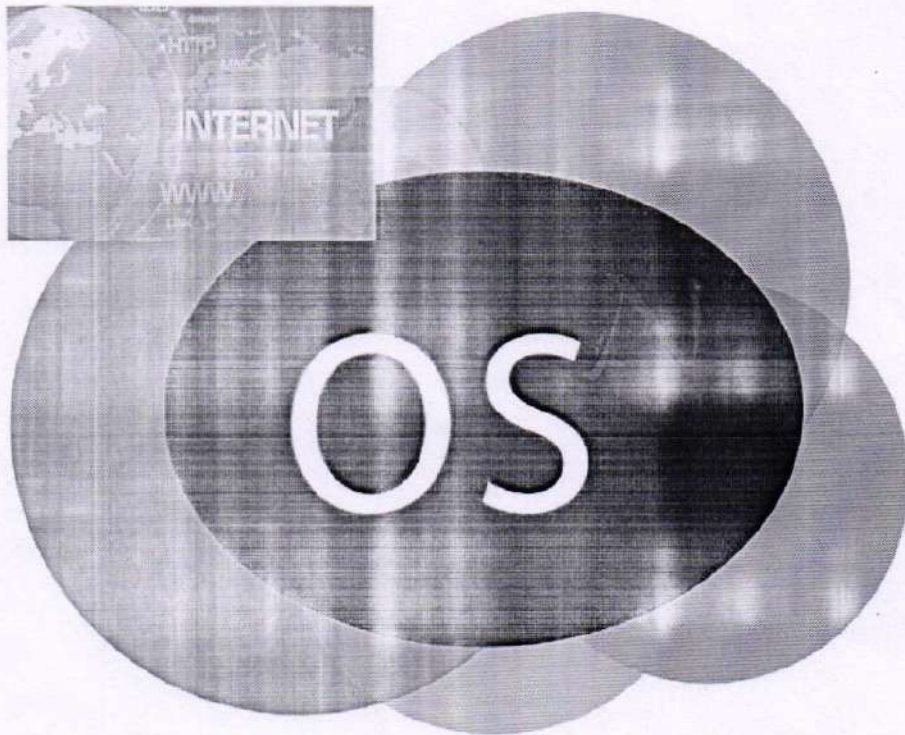Convener

Dr.A.Muthukumaravel
Dean - Arts & Science

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF ARTS

Value Added Courses

SHORT TERM COURSE ON OPERATING SYSTEM AND INTERNET

Resource Person

Mr. F.M. Mohamed Farooq Abdullah,

Development Engineer,

Sirpi Software Pvt. Ltd.,

Chennai.