

Date: 22.11.2018

#### **CIRCULAR**

Sub: Organising Value-added Course: Hardware and Networking Essentials - 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 "Value added course on Hardware and Networking Essentials". The syllabus and registration form are enclosed below.

The candidates those who are interested to join must fill the registration form and submit to the course coordinator Mr. R. Balamurugan, School of Arts on or before 01.12.2018. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form

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(Declared as Deemed to be university U/S 3 of UGC Act. 1990)

Chennai-600 073. INDIA

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2.Office File/ Notice Board



## **Registration Form**

# Value Added Courses on Hardware and Networking Essentials

Date:

2.12.2018

Name

: Priya M

Reg.No.

: UITBCOIS

Date of Birth

: lo. 09, 1999

Gender

: Formale\_

Department

: commerce

Year

2018

Contact No.

: 96554 222 11

Email ID: mpsi ya egmail, word

Course Applied For: tardware and Notworking

Bssential



## **Registration Form**

# Value Added Courses on Hardware and Networking Essentials

Date: 3.12.2018

Name

: Musali D.

Reg.No.

: 41730006

Date of Birth

: 02.04.1999

Gender

· Male

Department

: computer science

Year

: 2018

Contact No.

: 8838425525

Email ID: murale mandoza agmai l. coros Course Applied For: Hardwale and Networking

Essentials

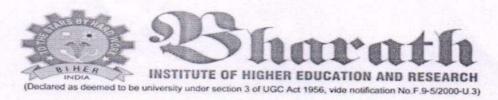
## Bharath Institute of Higher Education & Research School of Arts

## Participant List

# Value Added Courses on Hardware and Networking Essentials

S.NO	REG.No	NAME OF THE CANDIDATE	DEPARTMENT
1	U17BC011	MUBARAKALI A	B.COM
2	U17BC012	PRAVEENKUMAR N	B.COM
3	U17BC013	SARAVANAN P	B.COM
4	U17BC014	THARAN R	B.COM
5	U17BC015	RAJALAKSHMI S	B.COM
6	U17BC016	RANJITHA P	B.COM
7	U17BC017	HARIHARAPRABU S	B.COM
8	U17BC018	PRIYA M	B.COM
9	U17BC019	GOWTHAM S	B.COM
10	U17BC020	SARAN V	B.COM
11	U17CA061	VIJAY KUMAR M	BCA
12	U17CA062	FLAVIN C	BCA
13	U17CA063	ASWIN S	BCA
14	U17CA064	JABASRAJA P	BCA
15	U17CA065	YUVANRAJ K	BCA
16	U17CA067	AJAI C	BCA
17	U17CA068	ADITYA PRAKASH	BCA
18	U17CA069	YUVARAJ M	BCA
19	U17CA070	MANIKANDAN K	BCA
20	U17CA071	SWATHINI K	BCA
21	U17SC003	YASHWANTH KUMAR K	BSC-COMPUTER SCIENCE
22	U17SC004	ANANDH RAJ J	BSC-COMPUTER SCIENCE
23	U17SC005	HARINI B	BSC-COMPUTER SCIENCE
24	U17SC006	MURALI D	BSC-COMPUTER SCIENCE
25	U17SC008	REVATHI R	BSC-COMPUTER SCIENCE
26	U17SC009	BHARATHBALAJI G K	BSC-COMPUTER SCIENCE
27	U17SC010	BHARATH KUMAR N	BSC-COMPUTER SCIENCE
28	U17SC011	NANDAKUMAR B	BSC-COMPUTER SCIENCE
29	U17SC012	BOTHYRAJA M	BSC-COMPUTER SCIENCE
30	U17SC013	MANIKANDAN A	BSC-COMPUTER SCIENCE
31	U17SC014	DHAMODARAN B	BSC-COMPUTER SCIENCE
32	U17SC015	SARAVANAN K	BSC-COMPUTER SCIENCE
33	U17SC016	SANTHOSH M	BSC-COMPUTER SCIENCE
34	U17SC017	SHARMILADEVI C	BSC-COMPUTER SCIENCE
35	U17SC019	SUDHARSAN D	BSC-COMPUTER SCIENCE

41	U17VC022	PRAVEEN RAJ K	BSC-VISCOM
42	U17VC023	KALPANA M G	BSC-VISCOM
43	U17VC024	PAVITHRA P	BSC-VISCOM
44	U17VC025	SWETHA PRIYA J	BSC-VISCOM
45	U17VC026	HARSHA N	BSC-VISCOM



#### Value Added Course

### **Hardware and Networking Essentials**

#### Syllabus

Microprocessor System - Introduction of System overview, Introduction to Processors, Memory Interfacing, Interfacing I/O Devices, Interfacing Data Converters, Display Interface, Serial I/O and Data Communication, Higher level Processors.

Introduction to PC Architecture Study of PC-AT/ATX System, Pentium, Core, Core 2 Cord, Core 2 Duo, I3, I5, I7.

Processor Basics of Processor and CPU Block Diagram of Computer and Computer Generation Motherboards, Chipset and Controllers, BIOS and the Boot Process, Computer Memory.

Internal Components IDE and SATA Devices: Hard Disk Drive and CD/DVDs Drives, SCSI Devices, Floppy Disk, Zip Drive, Backup Drive, Expansion Cards- LAN Card, IDE Card, VGA and SVGA Cards, Sound Card, Interface Cards, I/O cards, Video Cards, USB Card, Fire-Wire Cards, Internal Ports, Cables and Connector Types.

Introduction of Network Cable like UTP, STP, Fiber Optics, Hub, Unmanageable Switch, Manageable Switch, Router, Modem, Wi-Fi, Access Point, PCI Wireless Card, USB Wireless Device, Print Server, USB Network Sharer, Backup Device, Server Hardware etc.

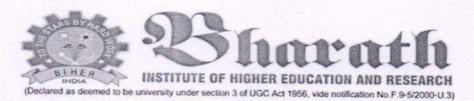
### Bharath Institute of Higher Education & Research School of Arts TIMETABLE

### Value Added Courses on Hardware and Networking Essentials Course Duration:30 Hrs

S.No	Date	Time	Hour
1	05.12.2018	2.00-4.00p.m	2
2	06.12.2018	2.00-4.00p.m	2
3	07.12.2018	2.00-4.00p.m	2
4	08.12.2018	2.00-4.00p.m	2
5	10.12.2018	2.00-4.00p.m	2
6	11.12.2018	2.00-4.00p.m	2
7	12.12.2018	2.00-4.00p.m	2
8	13.12.2018	2.00-4.00p.m	2
9	14.12.2018	2.00-4.00p.m	2
10	15.12.2018	2.00-4.00p.m	2
11	17.12.2018	2.00-4.00p.m	2
12	18.12.2018	2.00-4.00p.m	2
13	19.12.2018	2.00-4.00p.m	2
14	20.12.2018	2.00-4.00p.m	2
15	21.12.2018	2.00-4.00p.m	2

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

Value Added Courses on Hardware and Networking Essentials Course Duration:30 S.No Hours Date Topic Time Microprocessor System - Introduction of System 1 05.12.2018 overview, Introduction to Processors 2.00-4.00p.m 2 Memory Interfacing, Interfacing I/O Devices, 2 Interfacing Data Converters, Display Interface 06.12.2018 2 2.00-4.00p.m Serial I/O and Data Communication, Higher level 3 07.12.2018 | Processors 2.00-4.00p.m 2 4 08.12.2018 Introduction to PC Architecture Study of PC-AT/ATX S 2 2.00-4.00p.m 5 10.12.2018 | Core 2 Cord, Core 2 Duo, I3, I5, I7 2.00-4.00p.m 2 2 6 11.12.2018 Processor Basics of Processor and CPU Block Diagram 2.00-4.00p.m 7 12.12.2018 BIOS and the Boot Process, Computer Memory 2.00-4.00p.m 2 8 13.12.2018 Internal Components IDE and SATA Devices: Hard Dis 2.00-4.00p.m 2 14.12.2018 2 9 Expansion Cards- LAN Card, IDE Card, VGA and SVC 2.00-4.00p.m 2 10 15.12.2018 Interface Cards, I/O cards, Video Cards, I/O cards 2.00-4.00p.m Video Cards, USB Card, Fire-Wire Cards, Internal 17.12.2018 2 11 2.00-4.00p.m 2 12 18.12.2018 Introduction of Network Cable like UTP, STP, Fiber Op 2.00-4.00p.m 2 13 19.12.2018 Hub, Unmanageable Switch, Manageable Switch 2.00-4.00p.m 2 14 20.12.2018 Router, Modem, Wi-Fi, Access Point, PCI Wireless Care 2.00-4.00p.m Print Server, USB Network Sharer, Backup Device, 2 15 21.12.2018 2.00-4.00p.m Server Hardware etc.



#### Course Feedback form

## Value Added Courses on Hardware and Networking Essentials

Date: 21.12.2018

Course Title:Hardware and Networking Essentials

Name: Yuravage M

RegNo: UITCAOB9

Department: Comporter Applications.

S.No	Particulars			3	4	5
	(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied	5. Ve	erv S	atis	fied )	
1.	Objectives of the course clear to you					1
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 5 5 5				_
	(1. Very poor 2. Poor 3. Average 4. Good 5.	Excel	lenf)			
8.	Overall rating of the course:	1	2	3	4	5/

Please give Suggestion for the improvement of the course:



### Course Feedback form

## Value Added Courses on Hardware and Networking Essentials

Date:

21.12.2018

Course Title: Hardware and Networking Essentials

Name:

Savan V.

RegNo:

UITBC 020

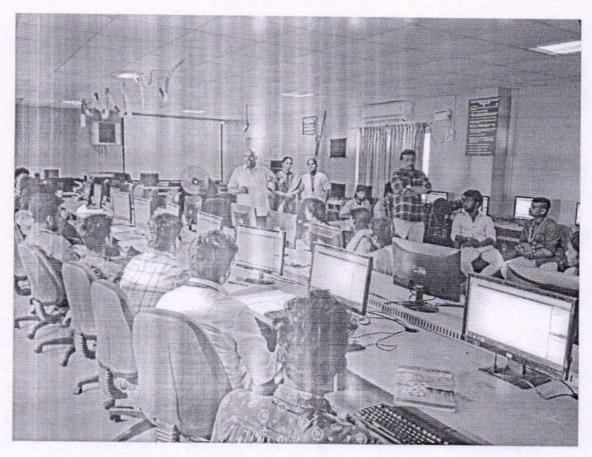
Department: Bcoss

S.No	Particulars	1	2	3	4	5
	(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied	15. V	ery S	atis	fied	)
1.	Objectives of the course clear to you		ľ			-
2.	Course contents met with your expectations					-
3.	Lecture sequence was well planned					-
4.	Lectures were clear and easy to understand			18	~	
5.	Teaching aids were effective	7				V
6.	Instructors encourage interaction and were helpful		100		-	
7.	The level of the course					1
	(1. Very poor 2. Poor 3. Average 4. Good 5.	Excel	lent	)		
8.	Overall rating of the course:	1	2	3	4	3

Please give Suggestion for the improvement of the course:



## Value Added Courses on Hardware and Networking Essentials



Resource Person Mr. Prasanna, Manager, Innovation Academy, Chennai



# **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. RAMESH. N for enthusiastic participation and completion of the Value Added Courses on Hardware and Networking Essentials from 05.12.2018 to 21.12.2018.

Mr.R.Balamurugan Course Coordinator

Mr.S.Kannan Convener

Or A. Muthukumaravel Dean - Arts & Science