



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 : 7-6-1017

CIRCULAR

Sub: Organising Value added Course: Certificate program on Domestic appliances servicing - 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 "Certificate program on Domestic appliances servicing"**. 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 Ms.A.Annie Christy, Department of English on or before 4-7-2017. The Registration form received after the mentioned date shall not be entertained under any circumstances.

S. N. S.

Dean-Faculty of Arts & Science
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
- 3.Course Coordinator



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SCHOOL OF ARTS

Registration Form

Value Added Course

Date: 07-07-2017

Name : THANGAMALAR MANSI D
Reg.No. : UI7BE070
Gender : FEMALE
Department : ENGLISH
Year : 2017 - 2020
Contact No. : 9085441378
Email ID : D20mansid@gmail.com
Course Applied For : Certificate course on Domestic appliances servicing.

Thangamalar
Signature



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SCHOOL OF ARTS

Registration Form

Value Added Course

Date: 7 - 07 - 2017

Name : PANNEER SELVAMI P.

Reg.No. : UI7BE040

Gender : MALE

Department : ENGLISH

Year : 2017 - 2020

Contact No. : 9003955188

Email ID : selvam panneer40p@gmail.com

Course Applied For : Certificate program on Domestic appliances
Servicing

P. Selvam
Signature.

Bharath Institute of Higher Education & Research

School of Arts

Students Registration List

Value Added Course: Certificate program on Domestic appliances servicing

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17BE036	BUNGA PAVAN KALYAN	EN
2	U17BE040	PANNEER SELVAM P	EN
3	U17BE041	GOCHIPATHALA SUMITH KUMAR	EN
4	U17BE064	DEEPSHITHA S R	EN
5	U17BE070	THANGAMALAR MANSI D	EN
6	U17BA004	KARTHICK J	BBA
7	U17BA007	ABHISHEK J	BBA
8	U17BA013	PRAGADEESH K	BBA
9	U17BA018	MAHENDER SURESH KHONDE	BBA
10	U17BA022	MONISHA S	BBA
11	U17BA023	C MADHAN	BBA
12	U17MI002	JOTHIKA S	MICRO
13	U17MI006	MONISHA R	MICRO
14	U17MI010	SHABANA YASMEEN A	MICRO
15	U17MI022	SURYA R	MICRO
16	U17MI023	MOHAN RAJ R	MICRO
17	U17MA009	KOLANGINATHAN P	MATHS
18	U17MA011	VIJAY B	MATHS
19	U17MA014	SALINI R	MATHS
20	U17MA018	MONISHA S	MATHS
21	U17MA019	DEEPAKRAJ M	MATHS
22	U17MA022	DHIVYA V	MATHS
23	U17MA023	KALAIVANI R	MATHS
24	U17CI003	SATHIYA PRIYA S	CHEM
25	U17CI006	PREETHA P	CHEM
26	U17CI009	ANTONY LEO SEBASTINE P	CHEM
27	U17CI014	MOHANRAJ V	CHEM
28	U17CI015	SETHURAMAN R	CHEM
28	U17CI019	MUKUNDA KUMAR D	CHEM
30	U17CI020	GOWTHAM D	CHEM



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SCHOOL OF ARTS

Value Added Course

Certificate program on Domestic appliances servicing

Syllabus

Basics of DC & AC systems, voltage-current-power relationships, AC DC sources for appliances, Star rating, Energy efficiency in Electrical appliances, Importance of IS codes, IE codes

Introduction to AC/DC Motors for Appliances (FHP Motors) - Single Phase Motors (FHP), DC Motors, BLDC Motors, Universal Motors.

HVAC Appliances:- Construction, Working Principle, Ratings/Specifications, Control of a) Resistance heating: Water heaters, Room Heater, Tea/ Coffee Maker, Oven, Toasters, Iron b) Non Resistive heating: Induction heaters, Microwave oven c) Cooling Appliances: Construction, Working Principle, Ratings/Specifications, Control of Fans, Desert Coolers, Air conditioner, Refrigerator

Power supply Equipment: Battery and battery chargers, Switch mode power supply, Inverter, Uninterrupted Power Supply (UPS), Photovoltaic power System

Other Consumer appliances: Construction, Working Principle, Ratings/Specifications, Control Mixer, Grinder, Juicer, Vacuum Cleaner, Air Purifier, Washing Machines, Weighing scale, Elevator

Illumination-Construction, Working g Principle, Ratings/Specifications, Control of LED Lights.

Bharath Institute of Higher Education & Research
School of Arts
Course TimeTable

Value Added Course: Certificate program on Domestic appliances servicing

Course Duration:30 Hrs

S.No	Date	Time	Hour
1	07-7-1017	10.00-12.00p.m	2
2	07-08-17	10.00-12.00p.m	2
3	07-11-17	10.00-12.00p.m	2
4	07-12-17	10.00-12.00p.m	2
5	13/7/2017	10.00-12.00p.m	2
6	14/7/2017	10.00-12.00p.m	2
7	15/7/2017	10.00-12.00p.m	2
8	18/7/2017	10.00-12.00p.m	2
9	19/7/2017	10.00-12.00p.m	2
10	20/7/2017	10.00-12.00p.m	2
11	21/7/2017	10.00-12.00p.m	2
12	22/7/2017	10.00-12.00p.m	2
13	25/7/2017	10.00-12.00p.m	2
14	26/7/2017	10.00-12.00p.m	2
15	27/7/2017	10.00-12.00p.m	2

Bharath Institute of Higher Education & Research
School of Arts
Lesson Plan

Value Added Course: Certificate program on Domestic appliances servicing. Course Duration:30 Hrs				
S.No	Date	Topic	Time	Hour
1	07-7-1017	Basics of DC & AC systems,	10.00 -12.00 pm	2
2	07-08-17	AC DC sources for appliances,	10.00 -12.00 pm	2
3	07-11-17	Energy efficiency in Electrical appliances	10.00 -12.00 pm	2
4	07-12-17	AC/DC Motors for Appliances	10.00 -12.00 pm	2
5	13/7/2017	Single Phase Motors (FHP),	10.00 -12.00 pm	2
6	14/7/2017	Universal Motors	10.00 -12.00 pm	2
7	15/7/2017	HVAC Appliances-: Construction, Work	10.00 -12.00 pm	2
8	18/7/2017	Resistance heating: Water heaters, Room	10.00 -12.00 pm	2
9	19/7/2017	Resistive heating: Induction heaters, Mic	10.00 -12.00 pm	2
10	20/7/2017) Cooling Appliances: Construction, Wor	10.00 -12.00 pm	2
11	21/7/2017	Power supply Equipment: Battery and ba	10.00 -12.00 pm	2
12	22/7/2017	Uninterrupted Power Supply (UPS),	10.00 -12.00 pm	2
13	25/7/2017	Photovoltaic power System	10.00 -12.00 pm	2
14	26/7/2017	Control of Fans, Desert Coolers, Air cond	10.00 -12.00 pm	2
15	27/7/2017	Consumer appliances: Construction, Wor	10.00 -12.00 pm	2



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Course Feedback form

Value Added Course

Date: 07-07-2017

Course Title: Certificate Program on Domestic appliances Servicing.

Name: PANNEER SELVAM. P

RegNo: U17BE040

Department: ENGLISH

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)						
8.	Overall rating of the course:	1	2	3	✓	5

Please give Suggestion for the improvement of the course:


Signature



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SCHOOL OF ARTS

Course Feedback form

Value Added Course

Date: 7-07-2017

Course Title:

Name: Thangamalar Mansi D
RegNo: U17BE070
Department: English

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)						
8.	Overall rating of the course:	1	2	3	4	5 ✓

Please give Suggestion for the improvement of the course:

Thangamalar
Signature



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SCHOOL OF ARTS



Resource Person Details

Dr. S.Suresh,
St.Joseph Arts & Science,
Cuddalore



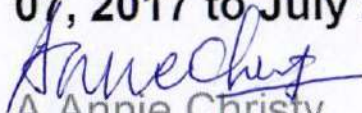
Bharath

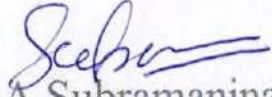
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School of Arts

CERTIFICATE OF PARTICIPATION

This is to certify that Dhatchayini.Ahas participated in the **Certificate program on Domestic appliances servicing** conducted by the School of Arts, **BIHER** from **July 07, 2017 to July 27, 2017.**


S. A. Annie Christy
course co-ordinator


Dr. A. Subramanian
Convenor


Dr. A. Muthukumaravel
Dean- Arts & Science