

# 2017-18

## 1. Certificate Courses

- A. Brochure
- B. Minutes of the Meeting
- C. List of Students
- D. Syllabus
- E. Mark List
- F. Summary of the course with outcome
- G. Attendance
- H. Model Certificate

## 2. Add on Course

## 3. Online Mooc Courses

- A. List of Students
- B. Certificates

# **Certificate Courses**

- A. Brochure
- B. Minutes of the Meeting
- C. List of Students
- D. Syllabus
- E. Mark List
- F. Summary of the course with outcome
- G. Attendance
- H. Model Certificate



### CERTIFICATE COURSES 2017-18

Sl. No.	Name of Department	Course Code
<b>BOTANY</b>		
1	Biofertilizer Technology	BOTBTY
2	Herbal Healthcare and First Aid	BOTHHC
3	Mushroom Culture Technology	BOTMCT
<b>BUSINESS ADMINISTRATION</b>		
4	Effective Communication Skills	BBAECS
5	Tally ERP-9	BBATERP-9
6	HR- Connect	BBAHRC
<b>CHEMISTRY</b>		
7	Food Additives	CHEFD
8	Research Methods and Writing	CHERMW
9	Water Quality Assessment	CHEWQA
<b>COMMERCE</b>		
10	Tally ERP-9	BCOMTERP
<b>COMPUTER SCIENCE</b>		
11	MS Office Suite-Basic Level	BCSMSOS (B)
12	Hardware Assembling and Maintenance	BCSHAM
13	Advanced Excel	MCSAE
14	Basics of software Testing	MCSBST
<b>ECONOMICS</b>		
15	Basics in MS Office	ECOBSMS
16	Introduction to Share Market	ECOISM
17	Spoken English	ECOSE
<b>HISTORY</b>		
18	Women's Studies	HISTWMS
<b>MATHEMATICS</b>		
19	Basic Statistical Skill in Research Analysis	MATBSSRA
<b>PHYSICS</b>		
20	Astronomy and Astrophysics	PHYAA
21	Page Layout and Graphic Design	PHYPLGD
<b>PSYCHOLOGY</b>		
22	Academic Skill Development	PSYASD
<b>TRAVEL&amp;TOURISM</b>		
23	Communicative Skills & Ethics in Tourism Industry -(Basics)	BTTMETI -(B)
24	Communicative Skills & Ethics in Tourism Industry-(Advanced)	BTTMETI -(A)
25	Tourism in India	BTTMTII
<b>ZOOLOGY</b>		
26	Basic Techniques in Molecular Biology	ZOObTMB
27	Sericulture(Certificate Course)	ZOOSRC

DEPARTMENT OF  
BOTANY  
PROVIDENCE WOMEN'S COLLEGE

CERTIFICATE COURSE IN

**BIOFERTILIZER TECHNOLOGY**

OBJECTIVE

To learn all aspects of Biofertilizer making and application

OUTCOMES

- Ability to distinguish the **types of biofertilizers** and **methods of application** in farmers' field
- Ability to make **different types of biofertilizers** using naturally available materials.

Course Coordinator: Dr. Deena Meria Jose

Target group: Second year BSc & MSc Botany

Course year: 2017-18

Duration: 45 hrs



**DEPARTMENT OF BOTANY**  
**PROVIDENCE WOMEN'S COLLEGE KOZHIKODE**

**MINUTES OF THE DEPARTMENT COUNCIL HELD ON 06/06/2017**

As per the decision taken in the Department council held on 06/06/2017, it was decided to conduct three certificate courses- **Mushroom Culture Technology** for students of first year UG and PG Botany, **Biofertilizer Technology** for students of second year UG and PG Botany and **Herbal healthcare and first aid** for students of third year UG Botany, with a duration of 45 hrs each. Members of the curriculum design and development committee for the three courses will be the following.

1. Dr. Deena Meria Jose (Assistant Prof & HoD, Dept of Botany, Providence Women's College Kozhikode), Chairperson
2. Dr. Minoo Divakaran (Assistant Prof, Dept of Botany, Providence Women's College Kozhikode), Member
3. Sr. Pilty Peter A (Guest lecturer, Dept of Botany, Providence Women's College Kozhikode), Member
4. Dr. Renjana PK ((Assistant Prof, Dept of Botany, Govt College Kodenchery), External Expert

This has been envisaged to enrich the curriculum.

  
Dr. Deena Meria Jose  
Assistant Professor & Head  
Department of Botany,  
Providence Women's College  
Kozhikode-673009, Kerala



  
Principal  
Principal  
Providence Women's College  
Kozhikode - 673 009


# CERTIFICATE COURSE IN BIOFERTILIZER TECHNOLOGY

Department of Botany, Providence Women's College, Kozhikode

## ENROLLMENT LIST 2017-18

Sl No	Name	Class	Signature
1	ANAGHA ASHOK P	II BSc BOTANY	Ana
2	ARCHANA AMRETH MK	II BSc BOTANY	Arch
3	AGGY SAINT	II BSc BOTANY	Aggy
4	AISWARYALAKSHMI KM	II BSc BOTANY	Aish
5	AMGINA S	II BSc BOTANY	As
6	ANJALY P	II BSc BOTANY	Anjaly
7	ARCHANA M	II BSc BOTANY	Arch
8	ASHIKA JITH JS	II BSc BOTANY	Ashika
9	ASLA VP	II BSc BOTANY	Asla
10	ASWATHY HARIHARAN	II BSc BOTANY	Aswathy
11	ATHIRA P	II BSc BOTANY	Athira
12	DRISHYA D	II BSc BOTANY	Drishya
13	FASNA PK	II BSc BOTANY	Fasna
14	HARILAKSHMI A	II BSc BOTANY	Harila
15	HARITHA PP	II BSc BOTANY	Haritha
16	HARITHA S	II BSc BOTANY	Haritha
17	MUFEEEDA KP	II BSc BOTANY	Mufeeda
18	NAMITHA VINOD	II BSc BOTANY	Namitha
19	NIRANJANA P	II BSc BOTANY	Niranjana
20	RANJIMA M	II BSc BOTANY	Ranjima
21	VAISHNAVI PN	II BSc BOTANY	Vaishnavi
22	AMITHA K	II BSc BOTANY	Amitha
23	ANAGHA ASHOKAN	II BSc BOTANY	Ana
24	ANJANA P	II BSc BOTANY	Anja
25	APARNA KR	II BSc BOTANY	Aparna
26	ASWADHI MS	II BSc BOTANY	Aswadhi
27	BABISHA OB	II BSc BOTANY	Babisha
28	BIJI JOSEPH	II BSc BOTANY	Biji
29	DONA ELIZABETH	II BSc BOTANY	Dona
30	FAHIMA FEBIN CP	II BSc BOTANY	Fahima

30	FAHIMA FEBIN CP	II BSc BOTANY	
31	KEERTHANA KP	II BSc BOTANY	KP
32	RAJISHMA PR	II BSc BOTANY	RPR
33	RESHMA JOHN	II BSc BOTANY	Reshma
34	SOUPARNIKA C	II BSc BOTANY	SpC
35	APARNA MP	II BSc BOTANY	APMP
36	AKSHAYA K	II MSc BOTANY	Akshaya K
37	AMRUTHA SASIKUMAR K	II MSc BOTANY	Amrutha
38	HARITHA PK	II MSc BOTANY	Haritha
39	LISNA T	II MSc BOTANY	Lisna T
40	MAHIMA K	II MSc BOTANY	Mahima
41	MEGHA DAS	II MSc BOTANY	Megha Das
42	RAJITHA KM	II MSc BOTANY	Rajitha
43	ROSE MARY JOSE	II MSc BOTANY	R.M.J.
44	SONIYA TP	II MSc BOTANY	Sonia
45	SUHANA KM	II MSc BOTANY	Suhana
46	VISMAYA PK	II MSc BOTANY	Vismaya

  
 Head  
 Department of Botany  
 Providence Women's College  
 Kozhikode-673009, Kerala



**DEPARTMENT OF BOTANY**  
**PROVIDENCE WOMEN'S COLLEGE KOZHIKODE**

**Syllabus for**  
**Certificate course**  
**in**

**BIOFERTILIZER TECHNOLOGY**

**Target group:** Second year B.Sc & M.Sc Botany students  
**Workload:** Lectures: 30 hrs + practical 15 hrs

**DETAILED SYLLABUS**

**THEORY**

**Module 1:** General account about the microbes used as biofertilizer – Rhizobium – isolation, identification, mass multiplication, carrier based inoculants, Actinorrhizal symbiosis. **(5 lectures)**

**Module 2:** Cyanobacteria (blue green algae), *Azolla* and *Anabaena azollae* association, nitrogen fixation, factors affecting growth, blue green algae and *Azolla* in rice cultivation, uses of *Azolla*, technology of making *Azolla* based biofertilisers, **(10 lectures)**

**Module 3:** Mycorrhizal association, types of mycorrhizal association, taxonomy, occurrence and distribution, phosphorus nutrition, growth and yield – colonization of VAM – isolation and inoculum production of VAM, and its influence on growth and yield of crop plants. **(8 lectures)**


**Module 4:** Organic farming – Green manuring and organic fertilizers, Recycling of biodegradable municipal, agricultural and Industrial wastes – biocompost making methods, types and method of vermicomposting – field Application. **(7 lectures)**


**PRACTICAL**

Familiarizing the techniques of biofertilizer making with *Azolla*, isolation of *Rhizobium*, vermicomposting, organic farming, green manuring etc. **(15 sessions)**

**Suggested Readings**

1. Dubey, R.C., 2005 A Text book of Biotechnology S.Chand & Co, New Delhi.
2. Kumaresan, V. 2005, Biotechnology, Saras Publications, New Delhi.
3. John Jothi Prakash, E. 2004. Outlines of Plant Biotechnology. Emkay \_Publication, New Delhi.
4. Sathe, T.V. 2004 Vermiculture and Organic Farming. Daya publishers.
5. Subha Rao, N.S. 2000, Soil Microbiology, Oxford & IBH Publishers, New \_Delhi.
6. Vayas,S.C, Vayas, S. and Modi, H.A. 1998 Bio-fertilizers and organic \_Farming Akta Prakashan, Nadiad

  
Principal  
Providence Women's College  
Kozhikode - 673 009

  
Head  
Department of Botany  
Providence Women's College  
Kozhikode-673009, Kerala

# CERTIFICATE COURSE IN BIOFERTILIZER TECHNOLOGY

Offered by

Department of Botany, Providence Women's College, Kozhikode

Mark list 2017-18

Sl No	Name	Marks Out of 50	Grade
1	ANAGHA ASHOK P	46	A
2	ARCHANA AMRETH MK	50	A
3	AGGY SAINT	48	A
4	AISWARYALAKSHMI KM	50	A
5	AMGINA S	48	A
6	ANJALY P	46	A
7	ARCHANA M	49	A
8	ASHIKA JITH JS	45	A
9	ASLA VP	50	A
10	ASWATHY HARIHARAN	45	A
11	ATHIRA P	46	A
12	DRISHYA D	45	A
13	FASNA PK	50	A
14	HARILAKSHMI A	50	A
15	HARITHA PP	45	A
16	HARITHA S	46	A
17	MUFEEDA KP	45	A
18	NAMITHA VINOD	40	A
19	NIRANJANA P	40	A
20	RANJIMA M	47	A
21	VAISHNAVI PN	50	A
22	AMITHA K	47	A
23	ANAGHA ASHOKAN	50	A
24	ANJANA P	45	A
25	APARNA KR	50	A
26	ASWADHI MS	46	A
27	BABISHA OB	47	A
28	BIJI JOSEPH	48	A
29	DONA ELIZABETH	49	A
30	FAHIMA FEBIN CP	50	A
31	KEERTHANA KP	48	A
32	RAJISHMA PR	50	A
33	RESHMA JOHN	49	A
34	SOUPARNIKA C	47	A
35	AKSHAYA K	40	A
36	APARNA MP	47	A
37	AMRUTHA SASIKUMAR K	49	A
38	HARITHA PK	49	A
39	LISNA T	47	A
40	MAHIMA K	50	A
41	MEGHA DAS	50	A
42	RAJITHA KM	50	A
43	ROSE MARY JOSE	50	A
44	SONIYA TP	49	A
45	SUHANA KM	50	A
46	VISMAYA PK	46	A



  
Head  
Department of Botany  
Providence Women's College  
Kozhikode-673009, Kerala

# **Certificate course in BIOFERTILIZER TECHNOLOGY**

**Offered by the Dept. of Botany**

## **SUMMARY AND OUTCOME REPORT 2017-18**

### **Summary**

The certificate course in Biofertilizer Technology was started on 9<sup>th</sup> December 2017. The entire syllabus was covered and assessment procedures were conducted towards the end of the course, in March 2018. A total of 46 students from second year BSc and MSc Botany programme attended the course and all were passed with good grades. Certificates were distributed to all the students who completed the course successfully. Dr. Deena Meria Jose was the coordinator of the Certificate course.

Details of the faculty are the following

Sl no	Name of the resource person	Designation/affiliation	No of hrs
1	Ms. Anjana K	Former faculty	20
2	Dr. Sevichn P J	Industrialist & Rtd Professor	10
3	Ms. Sruthi P	Former faculty	15
Total			45

### **OUTCOMES**

On successful completion of the course, students developed the following abilities:

- CO 1: Ability to distinguish the types of biofertilizers and methods of application in farmers' field
- CO 2: Ability to make different types of biofertilizers using naturally available materials.







Name	Signature	1	2	3	4	5	6	7	8	9	10
		9/9/17	16/9/17	6/10/17	13/10/17	20/10/17	27/10/17	27/11/17	3/12/17	10/12/17	17/12/17
29. Dena Elizabeth	<i>[Signature]</i>	/	/	a	/	/	/	/	/	/	/
30. Iathima Iethin CP	<i>[Signature]</i>	/	/	/	/	/	/	/	/	/	a
31. Keerthana KP	<i>[Signature]</i>	/	/	/	/	a	/	/	/	/	/
32. Rajishma PR	<i>[Signature]</i>	/	/	/	/	/	/	/	/	/	/
33. Reshma Jth	<i>[Signature]</i>	/	/	/	/	/	/	/	/	/	/
34. Sanyasika C	<i>[Signature]</i>	/	/	/	/	/	/	/	a	/	/
35. Aparna MP	<i>[Signature]</i>	/	/	/	/	/	a	/	/	/	/

MSC BOTANY

36. Akshaya K	<i>[Signature]</i>	/	/	/	/	/	/	/	/	a	/
37. Anurutha Sankumar	<i>[Signature]</i>	/	/	/	/	/	/	/	/	/	/
38. Hantha PK	<i>[Signature]</i>	/	/	/	/	/	/	/	/	/	/
39. Lisna T	<i>[Signature]</i>	/	a	/	/	/	/	/	/	/	/
40. Mahima K	<i>[Signature]</i>	/	/	/	/	/	/	/	/	/	/
41. Heghe Ben	<i>[Signature]</i>	/	/	/	a	/	a	/	a	/	/
42. Rajika KH	<i>[Signature]</i>	/	/	/	/	/	/	/	/	/	/
43. Rose Mary Jox	<i>[Signature]</i>	/	/	/	/	/	/	a	/	/	/
44. Soniya TP	<i>[Signature]</i>	/	/	/	a	/	/	/	/	/	/
45. Subara KH	<i>[Signature]</i>	/	/	a	/	/	/	/	a	/	/
46. Viswajeet PK	<i>[Signature]</i>	/	/	/	/	/	/	/	/	/	/

11	12	13	14	15
24/1/18	31/1/18	10/2/18	17/2/18	24/2/18

/	/	/	/	/
/	/	/	a	/
/	/	/	/	/
/	/	/	/	/
/	/	/	/	/
/	/	/	/	/
/	/	/	/	/

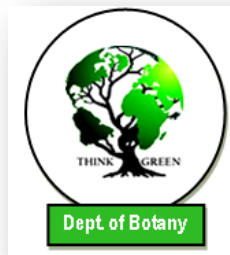
*[Signature]*



# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

### Certificate

This is to certify that Miss ANAGHA ASHOK P of 4<sup>th</sup> semester B.Sc. Botany has successfully completed the Certificate Course in '**Biofertilizer Technology**' conducted by the Department of Botany, during the year 2017- 2018.

  
Coordinator



  
Principal

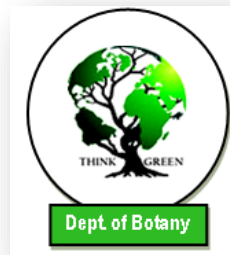
Principal  
Providence Women's College  
Kozhikode - 673 009



# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

### Certificate

This is to certify that Miss BABISHA OB of 4<sup>th</sup> semester B.Sc. Botany has successfully completed the Certificate Course in '**Biofertilizer Technology**' conducted by the Department of Botany, during the year 2017- 2018.

  
Coordinator



  
Principal

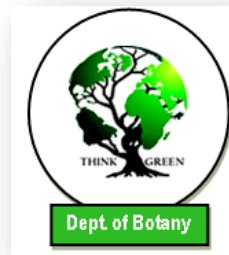
Principal  
Providence Women's College  
Kozhikode - 673 009



# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

### Certificate

This is to certify that Miss VAISHNAVI PN of 4<sup>th</sup> semester B.Sc. Botany has successfully completed the Certificate Course in '**Biofertilizer Technology**' conducted by the Department of Botany, during the year 2017- 2018.

  
Coordinator



  
Principal

Principal  
Providence Women's College  
Kozhikode - 673 009



**DEPARTMENT OF BOTANY**  
**PROVIDENCE WOMEN'S COLLEGE**  
**Florican Hill, Malaparamba, Kozhikode 9**

**CERTIFICATE COURSE IN**

**HERBAL HEALTHCARE & FIRST AID**

(in collaboration with  
KSCSTE Malabar Botanical Garden and Institute for Plant Sciences, Kozhikose )

**OBJECTIVES**

To learn all aspects of herbal healthcare and first aid

**OUTCOMES**

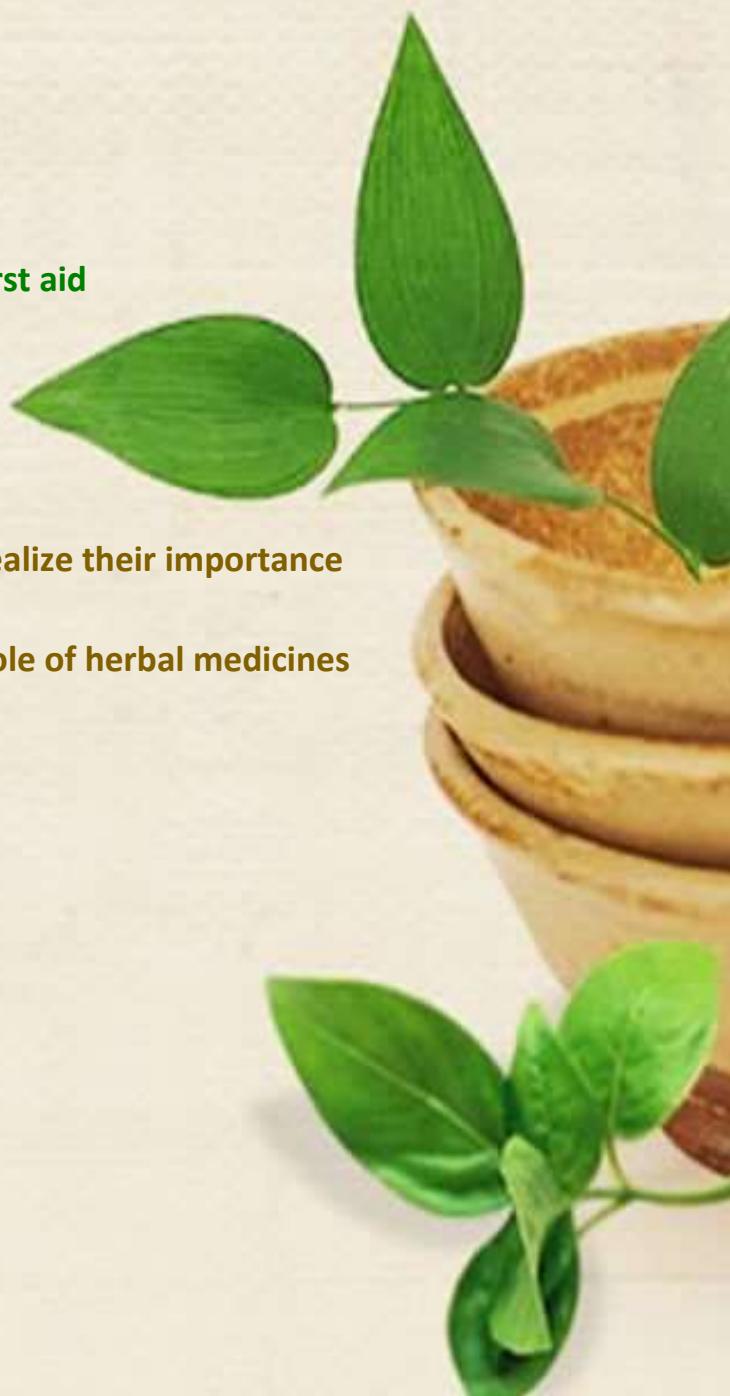
- Ability to identify herbal medicines and realize their importance in healthcare
- Awareness on the lifestyle diseases and role of herbal medicines in controlling them
- Ability to impart herbal first aid

Course CoOrdinator: Dr. Minoo Divakaran

Target group: Third year BSc Botany

Course year: 2017-18

Duration: 45 hrs



**DEPARTMENT OF BOTANY**  
**PROVIDENCE WOMEN'S COLLEGE KOZHIKODE**

**MINUTES OF THE DEPARTMENT COUNCIL HELD ON 06/06/2017**

As per the decision taken in the Department council held on 06/06/2017, it was decided to conduct three certificate courses- **Mushroom Culture Technology** for students of first year UG and PG Botany, **Biofertilizer Technology** for students of second year UG and PG Botany and **Herbal healthcare and first aid** for students of third year UG Botany, with a duration of 45 hrs each. Members of the curriculum design and development committee for the three courses will be the following.

1. Dr. Deena Meria Jose (Assistant Prof & HoD, Dept of Botany, Providence Women's College Kozhikode), Chairperson
2. Dr. Minoo Divakaran (Assistant Prof, Dept of Botany, Providence Women's College Kozhikode), Member
3. Sr. Pilty Peter A (Guest lecturer, Dept of Botany, Providence Women's College Kozhikode), Member
4. Dr. Renjana PK ((Assistant Prof, Dept of Botany, Govt College Kodenchery), External Expert

This has been envisaged to enrich the curriculum.

  
Dr. Deena Meria Jose  
Assistant Professor & Head  
Department of Botany,  
Providence Women's College  
Kozhikode-673009, Kerala



  
Principal  
Principal  
Providence Women's College  
Kozhikode - 673 009

# CERTIFICATE COURSE IN HERBAL HEALTHCARE AND FIRST AID

Offered by Department of  
Botany  
Providence Women's College, Kozhikode


## ENROLLMENT LIST 2017-18

Sl No	Name	Class	Signature
1	CHANDINI M.K.	III BSc BOTANY	
2	JINAN NASEER	III BSc BOTANY	
3	PRATHIBHA JOHN	III BSc BOTANY	
4	AKHILA K.T.	III BSc BOTANY	
5	ANAGA M.V.	III BSc BOTANY	
6	ANJANA ASHOK	III BSc BOTANY	
7	ANUPAMA K. S.	III BSc BOTANY	
8	ANUSREE K. P.	III BSc BOTANY	
9	ARCHANA K.	III BSc BOTANY	
10	ARYA V. SURESH	III BSc BOTANY	
11	ASWATHI G. K.	III BSc BOTANY	
12	ASWATHI RAJ E.	III BSc BOTANY	
13	KRISHNAJA B.	III BSc BOTANY	
14	RAHEENA P.	III BSc BOTANY	
15	SHIBINA SHERIL N. P.	III BSc BOTANY	
16	SONA KRISHNA K.	III BSc BOTANY	
17	SRUTHI P.	III BSc BOTANY	
18	VINNI G K.	III BSc BOTANY	
19	ALEENA JOSEPH	III BSc BOTANY	
20	ANCY P REJI	III BSc BOTANY	
21	ANJALI T.	III BSc BOTANY	
22	ANUGRAHA V. K.	III BSc BOTANY	

Head  
Department of Botany  
Providence Women's College  
Kozhikode-673009, Kerala



23	ANUPAMA V. C.	III BSc BOTANY	<i>Anupama V.C.</i>
24	ANU P. JOY	III BSc BOTANY	<i>Anupama P. Joy</i>
25	CHRISTEENA POULOSE	III BSc BOTANY	<i>Christeena Poulse</i>
26	DINSI M. P.	III BSc BOTANY	<i>Dinsi M. P.</i>
27	DURGA M. P.	III BSc BOTANY	<i>Durgam P.</i>
28	JINSHIYA SHERIN M. K.	III BSc BOTANY	<i>Jinshiya Sherin M. K.</i>
29	JOBITTO BOBBY	III BSc BOTANY	<i>Jobitto Bobby</i>
30	LAYANA O. B.	III BSc BOTANY	<i>Layana O. B.</i>
31	NAYANA K. P.	III BSc BOTANY	<i>Nayana K. P.</i>
32	NISHNUPRIYA K. S.	III BSc BOTANY	<i>Nishnupriya K. S.</i>
33	RANIMOL PL	III BSc BOTANY	<i>Ranimol Pl</i>
34	SHIYONA M.	III BSc BOTANY	<i>Shiyona M.</i>
35	SUGAMYA P.	III BSc BOTANY	<i>Sugamyam P.</i>
36	THRISHNA V. T.	III BSc BOTANY	<i>Thrishna V. T.</i>
37	UMARIYA BEEGUM C. K.	III BSc BOTANY	<i>Umariya Beegum C. K.</i>

  
 Head  
 Department of Botany  
 Providence Women's College  
 Kozhikode-673009, Kerala



# CERTIFICATE COURSE ON 'HERBAL HEALTH CARE AND FIRST AID'

Conducted jointly by

Providence Women's College, Calicut and Malabar Botanical Garden & Institute for Plant Sciences

---

Course Duration	: 45hrs (Theory- 20hrs, Practical – 15 hrs; Project work – 10hrs)
Time	: Weekly one day, time : 3.15-4.15 & Saturdays
Target group	: 5 & 6 sem B.Sc and 1 sem M.Sc students
Certificates issued by	: PWC
Course-in-charge	: Dr Minoo Divakaran
Resource persons	: Traditional healers and medical practitioners from herbal systems of medicines, Experts from the field of medicinal plants

## Objectives

- Instilling the need to conserve India's rich phyto diversity
- Promoting 'Biosafe' health care through herbal products
- Reducing lifestyle diseases through knowledge dissemination of traditional healing systems

---

## SYLLABUS

### Module 1: Scientific know how (5 hrs)

- Diversity and status of medicinal plants
- Conservation and Sustainable utilization of medicinal plants
- Cultivating medicinal plants
- Endangered medicinal plants

### Module 2 : Medical aid and cure through traditional healing systems (15 hrs)

- Food and medicine
- Lifestyle diseases and combating them
- First aid and Toxicology
- Traditional medicine in mother and child care

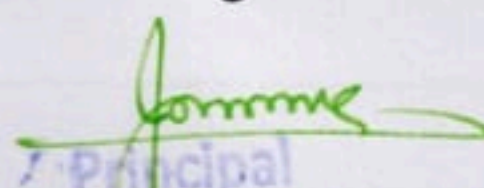
### Module 3 : Practical (15 hrs)

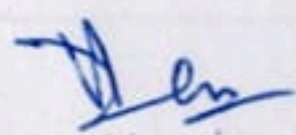
- Preparation of a digitized database of plants used in traditional health care
- Propagation of medicinal plants and preliminary herbal formulations for home remedies
- Survey of habits related to health disorders

### Module 4 : Project (10hrs)

#### Outcome :

- Enhancing awareness on herbal care and usage
- Reduced dependence on synthetic drugs
- Knowledge dissemination through the women members of the family

  
Principal  
Providence Women's College  
Kozhikode - 673 009

  
Head  
Department of Botany  
Providence Women's College  
Kozhikode - 673009, Kerala



# CERTIFICATE COURSE IN HERBAL HEALTHCARE AND FIRST AID

Offered by

**Department of Botany, Providence Women's College, Kozhikode**  
in collaboration with MBGIPS Kozhikode

## Mark list

Class: III BSc Botany **2017-18**

Sl No	Name	Mark (50)	Grade
1	CHANDINI M.K.	50	A
2	JINAN NASEER	45	A
3	PRATHIBHA JOHN	46	A
4	AKHILA K.T.	47	A
5	ANAGA M.V.	48	A
6	ANJANA ASHOK	48	A
7	ANUPAMA K. S.	47	A
8	ANUSREE K. P.	50	A
9	ARCHANA K.	45	A
10	ARYA V. SURESH	48	A
11	ASWATHI G. K.	45	A
12	ASWATHI RAJ E.	49	A
13	KRISHNAJA B.	50	A
14	RAHEENA P.	50	A
15	SHIBINA SHERIL N. P.	47	A
16	SONA KRISHNA K.	48	A
17	SRUTHI P.	47	A
18	VINNI G K.	48	A
19	ALEENA JOSEPH	45	A
20	ANCY P REJI	47	A
21	ANJALI T.	50	A
22	ANUGRAHA V. K.	47	A
23	ANUPAMA V. C.	45	A
24	ANU P. JOY	46	A
25	CHRISTEENA POULOSE	46	A
26	DINSI M. P.	47	A
27	DURGA M. P.	45	A
28	JINSHIYA SHERIN M. K.	50	A
29	JOBITTO BOBBY	45	A
30	LAYANA O. B.	50	A
31	NAYANA K. P.	45	A
32	NISHNUPRIYA K. S.	46	A
33	RANIMPL	47	A
34	SHIYONA M.	45	A
35	SUGAMYA P.	50	A
36	THRISHNA V. T.	46	A
37	UMARIYA BEEGUM C. K.	47	A



  
Dr. Deena Maria Jose  
Assistant Professor & Head  
Department of Botany  
Providence Women's College  
Kozhikode-673009, Kerala

# **Certificate course in HERBAL HEALTHCARE AND FIRST AID**

## **SUMMARY AND OUTCOME REPORT 2017-18**

The certificate course in Herbal healthcare and first aid was started 2<sup>nd</sup> July 2017. The entire syllabus was covered and assessment procedures were conducted towards the end of the course. A total of 37 students from final year BSc Botany programme attended the course and all were passed with good grades. Certificates were distributed to all the students who completed the course successfully. Dr. Minoo Divakaran was the coordinator of the Certificate course.

Details of the faculty are the following

Sl no	Name of the resource person	Designation/affiliation	No of hrs
1	Mrs. Dipija AP	Guest lecturer, Dept. of Botany	25
3	Mrs. Leela Vaidyar	Local traditional healer	10
4	Mrs. Annamma Devasia	Local traditional healer	10
Total			45

## **OUTCOMES**

On successful completion of the course, students developed the following abilities:

- CO 1: Ability to identify herbal medicines and realize their importance in healthcare
- CO 2: Awareness on the lifestyle diseases and role of herbal medicines in controlling them
- CO 3: Ability to impart herbal first aid





		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		2/7	9/7	16/7	23/7	30/7	6/8	13/8	20/8	27/8	3/9	10/9	17/9	24/9	1/10	8/10	15/10	22/10	29/10	5/11	12/11
1	Chandini MK	Chandi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	Tinam Naseer	Tinam	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	Prathibha John	Prathibha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	Akhila KT	Akhila	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	Anaya KV	Anaya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	Anjana Ashok	Anjana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	Anupama KS	Anupama	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	Anusree KP	Anusree	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	Archana K	Archana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	Arge V Suresh	Arge	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	Aswathi GK	Aswathi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	Aswathi Raj E	Aswathi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	Krishnaji B	Krishnaji	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	Rahena P	Rahena	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	Shibina Sheril NP	Shibina	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	Sona Krishna K	Sona	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	Sonithi P	Sonithi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	Vinni GK	Vinni	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	Aleena Joseph	Aleena	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	Anay P Reji	Anay	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	Anjali T	Anjali	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	Anuraha VK	Anuraha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	Anupama VC	Anupama	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	Ann P Joy	Ann	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	Christeena Paulose	Christeena	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	Dinshi MP	Dinshi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	Durga MP	Durga	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	Tinshaya Sherin MK	Tinshaya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	Tobito Bobby	Tobito	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	Layana OB	Layana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	Nayana KP	Nayana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		2/7	9/7	16/7	23/7	30/7	6/8	13/8	20/8	27/8	3/9	10/9	17/9	24/9	1/10	8/10	15/10	22/10	29/10	5/11	12/11
32	Nishanpriya KS	Nishanpriya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	Ranimol	Ranimol	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	Shiyona H	Shiyona	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	Suganya P	Suganya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	Thirishna VT	Thirishna	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37	Umaria Beegam CK	Umaria	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Head  
Department of Botany  
Providence Women's College  
Kozhikode-673009, Kerala

Head  
Department of Botany  
Providence Women's College  
Kozhikode-673009, Kerala

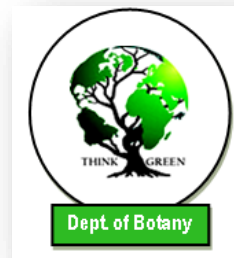




# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

### Certificate

This is to certify that Miss SRUTHI P of 6<sup>th</sup> semester B.Sc Botany has successfully completed the Certificate Course in '**Herbal Healthcare and First aid**' conducted by the Department of Botany, in collaboration with Malabar Botanical Garden and Institute for Plant Sciences, during the year 2017- 2018.

Coordinator

Principal



Principal  
Providence Women's College  
Kozhikode - 673 009



# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

### Certificate

This is to certify that Miss PRATHIBHA JOHN of 6<sup>th</sup> semester B.Sc Botany has successfully completed the Certificate Course in '**Herbal Healthcare and First aid**' conducted by the Department of Botany, in collaboration with Malabar Botanical Garden and Institute for Plant Sciences, during the year 2017- 2018.

Coordinator

Principal



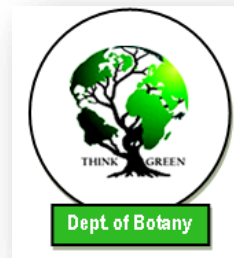
Principal  
Providence Women's College  
Kozhikode - 673 009



# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

### Certificate

This is to certify that Miss VINNI GK of 6<sup>th</sup> semester B.Sc Botany has successfully completed the Certificate Course in '**Herbal Healthcare and First aid**' conducted by the Department of Botany, in collaboration with Malabar Botanical Garden and Institute for Plant Sciences, during the year 2017- 2018.

Coordinator

Principal



Principal  
Providence Women's College  
Kozhikode - 673 009



DEPARTMENT OF BOTANY  
PROVIDENCE WOMEN'S COLLEGE KOZHIKODE

**CERTIFICATE COURSE**

**MUSHROOM CULTURE TECHNOLOGY**

**OBJECTIVES**

To learn all aspects of mushroom cultivation

**OUTCOMES**

By successfully completing the course, students will be able to:

- Identify edible types of mushrooms
- Gain the knowledge of cultivation of different types of edible mushrooms and spawn production
- Manage the diseases and pests of mushrooms
- Learn a means of self-employment and income generation

Course coordinator: Dr. Deena Meria Jose

Target group: First year BSc & MSc Botany

Course year: 2017-18

Duration: 45 hrs



**DEPARTMENT OF BOTANY**  
**PROVIDENCE WOMEN'S COLLEGE KOZHIKODE**

**MINUTES OF THE DEPARTMENT COUNCIL HELD ON 06/06/2017**

As per the decision taken in the Department council held on 06/06/2017, it was decided to conduct three certificate courses- **Mushroom Culture Technology** for students of first year UG and PG Botany, **Biofertilizer Technology** for students of second year UG and PG Botany and **Herbal healthcare and first aid** for students of third year UG Botany, with a duration of 45 hrs each. Members of the curriculum design and development committee for the three courses will be the following.

1. Dr. Deena Meria Jose (Assistant Prof & HoD, Dept of Botany, Providence Women's College Kozhikode), Chairperson
2. Dr. Minoo Divakaran (Assistant Prof, Dept of Botany, Providence Women's College Kozhikode), Member
3. Sr. Pilty Peter A (Guest lecturer, Dept of Botany, Providence Women's College Kozhikode), Member
4. Dr. Renjana PK ((Assistant Prof, Dept of Botany, Govt College Kodenchery), External Expert

This has been envisaged to enrich the curriculum.

  
Dr. Deena Meria Jose  
Assistant Professor & Head  
Department of Botany,  
Providence Women's College  
Kozhikode-673009, Kerala



  
Principal  
Principal  
Providence Women's College  
Kozhikode - 673 009

# CERTIFICATE COURSE IN MUSHROOM CULTURE TECHNOLOGY

Department of Botany, Providence Women's College, Kozhikode

## Enrolment List 2017-18

Sl No	Name	Class	Signature
1	AISWARYA K	I BSc BOTANY	
2	APARNA K	I BSc BOTANY	
3	GOPIKA VM	I BSc BOTANY	
4	SREELAKSHMI R	I BSc BOTANY	
5	AMEESHA E PREMCHAND	I BSc BOTANY	
6	ANAGHA AK	I BSc BOTANY	
7	ANJANA AJAYAN	I BSc BOTANY	
8	ANJANA R	I BSc BOTANY	
9	KEERTHANA MS	I BSc BOTANY	
10	POURNAMI SAJAN MK	I BSc BOTANY	
11	RASHIDA FARHA NP	I BSc BOTANY	
12	SARIGA KP	I BSc BOTANY	
13	SARIKA M	I BSc BOTANY	
14	SHANA SHERIN M	I BSc BOTANY	
15	SREESHMA MK	I BSc BOTANY	
16	AISWARYA BABY	I BSc BOTANY	
17	AKSHAYA B	I BSc BOTANY	
18	ALPHONSA THOMAS	I BSc BOTANY	
19	AMEYA RAGHUPATHY	I BSc BOTANY	
20	BINCY P	I BSc BOTANY	
21	BINOODHA REMINA C	I BSc BOTANY	
22	DEEPIKA DEEPAK	I BSc BOTANY	
23	DYUTHI RAVIKUMR PM	I BSc BOTANY	
24	FASNA VP	I BSc BOTANY	
25	GOPIKA N LAKSHMI	I BSc BOTANY	
26	JUYA R	I BSc BOTANY	
27	KEERTHANA MK	I BSc BOTANY	
28	RAMEESA BEEGUM	I BSc BOTANY	
29	RANI GEORGE	I BSc BOTANY	

30	SOBHITHA MATHEW	I BSc BOTANY	<i>Sobhitha</i>
31	SWAFNA MS	I BSc BOTANY	<i>Swafna</i>
32	VIDHYA VM	I BSc BOTANY	<i>Vidhya</i>
33	APARNA P	I BSc BOTANY	<i>AP</i>
34	ASWATHI R	I BSc BOTANY	<i>Aswathi</i>
35	AISWARYA IS	I MSc BOTANY	<i>Aiswarya</i>
36	ALPHY M SUNNY	I MSc BOTANY	<i>Alphy</i>
37	ANU SHAJU	I MSc BOTANY	<i>Anu</i>
38	ARCHANA PACHATH	I MSc BOTANY	<i>Archana</i>
39	ASWATHY BHASKARAN	I MSc BOTANY	<i>Aswathy</i>
40	DIVYA M	I MSc BOTANY	<i>Divya</i>
41	FATHIMA RAFIEAH NT	I MSc BOTANY	<i>Rafiah</i>
42	GREESHMA VINCENT	I MSc BOTANY	<i>Greeshma</i>
43	KEERTHANA DAS	I MSc BOTANY	<i>Keerthana</i>
44	MELJI MATHEW	I MSc BOTANY	<i>Melji</i>
45	NAVYA BS	I MSc BOTANY	<i>Navya</i>
46	SUKANYA K	I MSc BOTANY	<i>Sukanya</i>

  
 Head  
 Department of Botany  
 Providence Women's College  
 Kozhikode-673009, Kerala



**DEPARTMENT OF BOTANY**  
**PROVIDENCE WOMEN'S COLLEGE KOZHIIKODE**

**Syllabus for**  
**Certificate course**  
**in**

**MUSHROOM CULTURE TECHNOLOGY**

**Target group:** First year B.Sc & M.Sc Botany students

**Workload:** Lectures: 30 hrs + practical 15 hrs

**DETAILED SYLLABUS**

**THEORY**

**Unit 1:** Introduction, history. Nutritional and medicinal value of edible mushrooms; Poisonous mushrooms. Types of edible mushrooms available in India - *Volvariella volvacea*, *Pleurotus citrinopileatus*, *Agaricus bisporus*. **(5 Lectures)**

**Unit 2:** Cultivation Technology : Infrastructure: substrates (locally available) Polythene bag, vessels, Inoculation hook, inoculation loop, low cost stove, sieves, culture rack, mushroom unit (Thatched house) water sprayer, tray, small polythene bag. Pure culture: Medium, sterilization, preparation of spawn, multiplication. Mushroom bed preparation - paddy straw, sugarcane trash, maize straw, banana leaves. Factors affecting the mushroom bed preparation. Low cost technology, Composting technology in mushroom production. **(12 Lectures)**

**Unit 3:** Storage and nutrition : Short-term storage (Refrigeration - upto 24 hours) Long term Storage (canning, pickles, papads), drying, storage in salt solutions. Nutrition - Proteins - amino acids, mineral elements nutrition - Carbohydrates, Crude fibre content - Vitamins. **(8 Lectures)**

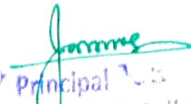
**Unit 4:** Food Preparation : Types of foods prepared from mushroom. Research Centres - National level and Regional level. Cost benefit ratio - Marketing in India and abroad, Export Value. **(5 lectures)**


**PRACTICAL**

Familiarizing the techniques of various types mushroom cultivation with different media **(15 sessions)**

**Suggested Readings**

1. Marimuthu, T. Krishnamoorthy, A.S. Sivaprakasam, K. and Jayarajan. R (1991) Oyster Mushrooms, Department of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore.
2. Swaminathan, M. (1990) Food and Nutrition. Bappco, The Bangalore Printing and Publishing Co. Ltd., No. 88, Mysore Road, Bangalore - 560018.
3. Tewari, Pankaj Kapoor, S.C., (1988). Mushroom cultivation, Mittal Publications, Delhi.
4. Nita Bahl (1984-1988) Hand book of Mushrooms, II Edition, Vol. I & Vol. II. 85

  
**Principal**  
**Providence Women's College**  
**Kozhikode - 673 009**

  
**Head**  
**Department of Botany**  
**Providence Women's College**  
**Kozhikode-673009, Kerala**

# CERTIFICATE COURSE IN MUSHROOM CULTURE TECHNOLOGY


Offered by

**Department of Botany, Providence Women's College, Kozhikode**

**Marklist -2017-18**

Sl No	Name	Marks (50)	Grade
1	AISWARYA K	45	A
2	APARNA K	47	A
3	GOPIKA VM	45	A
4	SREELAKSHMI R	50	A
5	AMEESHA E PREMCHAND	47	A
6	ANAGHA AK	50	A
7	ANJANA AJAYAN	46	A
8	ANJANA R	46	A
9	KEERTHANA MS	48	A
10	POURNAMI SAJAN MK	47	A
11	RASHIDA FARHA NP	50	A
12	SARIGA KP	49	A
13	SARIKA M	45	A
14	SHANA SHERIN M	46	A
15	SREESHMA MK	46	A
16	AISWARYA BABY	47	A
17	AKSHAYA B	47	A
18	ALPHONSA THOMAS	46	A
19	AMEYA RAGHUPATHY	45	A
20	BINCY P	46	A
21	BINOODHA REMINA C	50	A
22	DEEPIKA DEEPAK	50	A
23	DYUTHI RAVIKUMR PM	48	A
24	FASNA VP	45	A
25	GOPIKA N LAKSHMI	46	A
26	JUYA R	50	A
27	APARNA P	45	A
28	ASWATHI R	48	A
29	KEERTHANA MK	50	A
30	RAMEESA BEEGUM	45	A
31	RANI GEORGE	50	A
32	SOBHITHA MATHEW	47	A
33	SWAFNA MS	46	A
34	VIDHYA VM	47	A
35	AISWARYA IS	49	A
36	ALPHY M SUNNY	45	A
37	ANU SHAJU	50	A
38	ARCHANA PACHATH	47	A
39	ASWATHY BHASKARAN	49	A
40	DIVYA M	45	A
41	FATHIMA RAFIEAH NT	47	A
42	GREESHMA VINCENT	50	A
43	KEERTHANA DAS	50	A
44	MELJI MATHEW	49	A
45	NAVYA BS	45	A
46	SUKANYA K	48	A



  
 Head  
 Department of Botany  
 Providence Women's College  
 Kozhikode-673009, Kerala

# **Certificate course in MUSHROOM CULTURE TECHNOLOGY**

**Offered by the Dept. of Botany in collaboration with  
Mushroom growers association, Kerala**

## **SUMMARY AND OUTCOME REPORT 2017-18**

The certificate course in Mushroom Culture Technology was started in December 2017. The entire syllabus was covered and assessment procedures were conducted towards the end of the course, in March 2018. A total of 46 students from first year BSc and MSc Botany programme attended the course and all were passed with good grades. Certificates were distributed to all the students who completed the course successfully. Dr. Deena Meria Jose was the coordinator of the Certificate course. The course was offered in collaboration with Mushroom Growers Association, Kerala.

Details of the faculty are the following

Sl no	Name of the resource person	Designation/affiliation	No of hrs
1	Sr. Pilty Peter A	Guest lecturer, Dept. of Botany	15
2	Mr. Balakrishnan	Mushroom Grower	15
3	Mr. John A	Mushroom Grower	15
Total			45

### **Outcomes:**

On successful completion of the course, the course students were able to:

- CO1: Identify edible types of mushrooms
- CO2: Gain the knowledge of cultivation of different types of edible mushrooms and spawn production
- CO3: Manage the diseases and pests of mushrooms
- CO4: Learn a means of self-employment and income generation



  
Dr. Deena Meria Jose  
Assistant Professor & Head  
Department of Botany  
Providence Women's College  
Kozhikode-673009, Kerala

	BSc BOTANY &	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		9/12/17	16/12/17	23/12/17	30/12/17	6/1/18	13/1/18	20/1/18	27/1/18	3/2/18	10/2/18	17/2/18	24/2/18	3/3/18	10/3/18	17/3/18
1	Aiswarya K	Atul	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	Aparna K	<del>Atul</del>	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	Gopika VM	Gopi	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	Sreelakshmi R	SLR	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	Ameeha E Premchand	Ameeha	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	Anagha AK	Anagha	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	Anjina Ayan	Anjina	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	Anjina R	Anjina	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	Kecithan NS	Kecithan	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	Pournami Sajan HK	PS	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	Rashide Farha HP	Rashide	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	Sanje KP	Sanje	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	Sanka M	Sanka	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	Shana Shani M	Shana	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	Sreelakshmi HK	SLR	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	Aiswarya Baby	AB	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	Akshaya B	AB	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	Alphonse Thomas	Alphonse	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	Ameya Raghupathy	AR	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	Biny P	Biny	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	Bineetha Remina C	Bineetha	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	Deepika Deepak	DD	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	Dyuthi Ravikumar PM	Dyuthi	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	Harsha VP	Harsha	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	Gopika N Lakshmi	Gopi	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	Jaya R	Jaya	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	Aparna P	AP	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	Aswathi R	Aswathi	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Dr. Diana Maria Jose  
 Assistant Professor & Head  
 Department of Botany  
 Providence Women's College  
 Kozhikode-673003, Kerala



			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			9/12/17	16/12/17	9/1/18	13/1/18	24/1/18	27/1/18 FN	27/1/18 AN	3/2/18	10/2/18	17/2/18	24/2/18	3/3/18	10/3/18	17/3/18	24/3/18
29	Keerthana HK	KMK	/	/	/	/	/	a	/	/	/	/	/	a	/	/	/
30	Ramasa Beegum	RamB	/	/	/	/	/	/	/	/	/	/	/	a	/	/	/
31	Rani George	Rani	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
32	Sobhitha Mathew	Sobhitha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	Sirisha MS	Sirisha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	Vidhya VM	Vidhya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
MISC BOTANY																	
35	Aiswarya IS	Aiswarya	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	Alphy M Sunny	Alphy	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37	Ann Sheya	Ann	/	/	/	/	/	/	a	/	/	/	/	a	/	/	/
38	Archana Pachak	Archana	/	/	/	/	/	/	/	/	/	/	/	/	a	/	/
39	Aswathy Bhaskaran	Aswathy	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
40	Divya M	Divya	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
41	Fathima Rafique NS	Fathima	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
42	Greenline Vincent	Greenline	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
43	Keerthana HS	Keerthana	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
44	Melji Mathew	Melji	/	/	/	/	a	/	/	/	/	/	/	a	a	/	/
45	Navya BS	Navya	a	/	/	/	/	/	/	/	a	/	/	/	/	/	/
46	Sukanya K	Sukanya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/



# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

This is to certify that Miss APARNA P of 2nd semester B.Sc. Botany has successfully completed the Certificate Course in '**Mushroom Culture Technology**' conducted by the Department of Botany, in collaboration with Mushroom Growers Association, Kerala, during the year 2017- 2018.

  
Coordinator



  
Principal  
Principal  
Providence Women's College  
Kozhikode - 673 009



# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

This is to certify that Miss RANI GEORGE of 2nd semester B.Sc. Botany has successfully completed the Certificate Course in **'Mushroom Culture Technology'** conducted by the Department of Botany, in collaboration with Mushroom Growers Association, Kerala, during the year 2017- 2018.

  
Coordinator



  
Principal

Principal  
Providence Women's College  
Kozhikode - 673 009



# PROVIDENCE WOMEN'S COLLEGE

FLORICAN HILL, MALAPARAMBA PO, KOZHIKODE 9,  
KERALA, INDIA

Reaccredited with **A+** Grade by NAAC



## DEPARTMENT OF BOTANY

This is to certify that Miss SWAFNA MS of 2nd semester B.Sc. Botany has successfully completed the Certificate Course in **'Mushroom Culture Technology'** conducted by the Department of Botany, in collaboration with Mushroom Growers Association, Kerala, during the year 2017- 2018.

  
Coordinator



  
Principal

Principal  
Providence Women's College  
Kozhikode - 673 009





**DEPARTMENT OF BUSINESS ADMINISTRATION**

**COURSE OFFERED**

**EFFECTIVE  
COMMUNICATION SKILL**

**2017 -2018**





## PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9

DEPARTMENT OF BUSINESS ADMINISTRATION.

MINUTES OF THE DEPT COUNCIL HELD ON 09.08.2017

As per the minutes of the meeting held on 9/08/17 the Dept of Business Administration has decided to conduct a certificate course on Effective Communication Skills for the students of I<sup>st</sup> (UG/PG), for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1. K. Deepa (Chairperson) Deepa
2. Pragy V K (Member) Pragy
3. Beena K C (Member) Beena
4. Aloshya B (External Member) Aloshya B

This has been envisaged to enrich the curriculum.

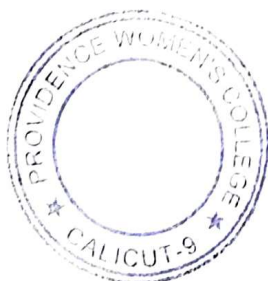
Jannee  
Principal

Providence Women's College

Principal

Providence Women's College

Kozhikode - 673 009





**CERTIFICATE COURSE ON EFFECTIVE COMMUNICATION**  
**SKILLS LIST OF STUDENTS 2017-18**

SL.NO	NAME
1	AMAL NOWRIN
2	ANUPRIYA P
3	ANUSREE UNNI
4	APARNA T
5	ASHMITHA
6	ASWATHI M
7	ATHRIYA G RAO
8	AYSHA ZIYA
9	C K SAI KRISHNA
10	FAHMA RAFI
11	FIZA ANSAR
12	GAYATHRI
13	GOPIKA
14	HADIYA ALI
15	HARITHA M
16	K RASHA
17	KV SANDHRA
18	MALAVIKA
19	NAMRATHA T
20	RAJASREE
21	RAYAN
22	RENJITHA KS
23	RHEA REJITH
24	SHADA ALI
25	SHAMNA
26	SHANA NIZAR
27	SHANA PARVEEN
28	SHEREEN

29	THARA
30	VISMAYA
31	ALSHA P
32	ARYA CM
33	VANDHANA
34	ASWATHI P
35	PANCHAMI
36	PRIYAMVADA
37	RAHILA



HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009

## **Certificate course on effective communication skills**

### **Syllabus**

#### **Unit-1: Communication: An Introduction**

Definition, Nature and Scope of Communication, Importance and Purpose of Communication, Process of Communication, Types of Communication

#### **Unit-2: Non-Verbal Communication**

Personal Appearance, Gestures, Postures, Facial Expression, Eye Contacts, Body Language(Kinesics), Time language, Silence, Tips for Improving Non-Verbal Communication

#### **Unit-3: Effective Communication**

Essentials of Effective Communication, Communication Techniques, Barriers to Communication

#### **Unit-4: Communication Network in an Organization-I**

Personal Communication, Internal Operational Communication, External Operational Communication

#### **Unit-5: Communication Network in an Organization-II**

Horizontal(Lateral) Communication, Vertical(Downward) Communication, Vertical(Upward) Communication

#### **Unit-6: Listening Skills-I**

Purpose of Listening, Listening to Conversation (Formal and Informal), Active Listening- an Effective Listening Skill, Benefits of Effective Listening, Barriers to Listening, Listening to Announcements- (railway/ bus stations/ airport /sports announcement/commentaries etc.)

#### **Unit-7: Listening Skills-II**

Academic Listening (Listening to Lectures), Listening to Talks and Presentations, Note Taking Tips

#### **Unit-8: Oral Communication Skills (Speaking Skills)-I**

Importance of Spoken English, Status of Spoken English in India, International Phonetic Alphabet(IPA) Symbols, Spelling and Pronunciation

#### **Unit: 9 Oral Communication Skills-II( Communication in Context-I)**

Asking for and giving information, Offering and responding to offers, Requesting and responding to requests, Congratulating people on their success, Expressing condolences, Asking questions and responding politely, Apologizing and forgiving

#### **Unit 10: Preparing for a Career**

Identifying job openings, Applying for a job, Preparing Cover letters, Preparing a CV/Resume and Effective Profiling

#### **Unit-11: Presentation Skills**

Preparing a PowerPoint Presentation , Greeting and introducing, Presenting a Paper , Group Discussions, Preparing for and Facing a Job Interview

#### **Unit-12: Business Communication**


Preparing Agenda and Minutes for Meetings, Writing Notices and Memos, Drafting an E-mail, Press Release, Correspondence with Govt./Authorities, Office Orders, Enquiries and Replies)

#### **Unit 13: Time & Stress Management**

Identifying Time Wasters, Time Management Tips, Identifying Factors Responsible for Stress, Stress Management Tips, Test Preparation Tips

#### **Unit-14: Soft Skills for Leadership and Team Management**

Qualities of a Good Leader, Leadership Styles, Decision Making, Intrapersonal skills, Interpersonal skills, Problem solving, Critical thinking, Negotiation skills

K. DEEPA ASHOK   
HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009

**CERTIFICATE COURSE ON**  
**EFFECTIVE COMMUNICATION SKILLS**

Grades:

SL.NO	NAME	GRADE
1	AMAL NOWRIN	A
2	ANUPRIYA P	A+
3	ANUSREE UNNI	B
4	APARNA T	C
5	ASHMITHA	B
6	ASWATHI M	A+
7	ATHRIYA G RAO	A+
8	AYSHA ZIYA	A
9	C K SAI KRISHNA	B
10	FAHMA RAFI	B
11	FIZA ANSAR	B
12	GAYATHRI	B
13	GOPIKA	A
14	HADIYA ALI	B
15	HARITHA M	C
16	K RASHA	B
17	KV SANDHRA	A
18	MALAVIKA	B
19	NAMRATHA T	B
20	RAJASREE	A
21	RAYAN	A
22	RENJITHA KS	A
23	RHEA REJITH	A
24	SHADA ALI	B
25	SHAMNA	B
26	SHANA NIZAR	B
27	SHANA PARVEEN	B+
28	SHEREEN	A
29	THARA	A
30	VISMAYA	A
31	ALSHA P	A
32	ARYA CM	B
33	VANDHANA	B+
34	ASWATHI P	B
35	PANCHAMI	C
36	PRIYAMVADA	B
37	RAHILA	B

  
HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009



CERTIFICATE COURSE  
SUMMARY REPORT

The Department of Business Administration offered the Certificate course on Effective Communication Skills for the first year students for the year 2017-18. The course coordinator was Ms. Beena K.C. The course was completed with covering the entire syllabus by the end of March 2018. The students were able to understand the concept and secured good grades.

Course Coordinator : Ms. Beena K.C

No. of Hours: 30

  
K. DEEPA. ASOK

HEAD OF THE DEPARTMENT

HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 002

17-18  
CERTIFICATE COURSE

SL.NO	NAME	1/10	12/10	12/10	16/10	17/10	18/10	19/10	21/10	21/10	23/10	24/10	25/10	26/10	27/10	28/10	29/10	30/10	31/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	13/11	14/11	15/11	16/11	17/11	18/11	19/11	20/11	21/11	22/11	23/11	24/11	25/11	26/11	27/11	28/11	29/11	30/11	31/11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1	AMAL NOWRIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

29	THARA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
30	VISMAYA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
31	ALSHA P	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
32	ARYA CM	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
33	VANDHANA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
34	ASWATHI P	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
35	PANCHAMI	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
36	PRIYAMVADA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
37	RAHILA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

  
 HEAD OF THE DEPARTMENT OF  
 BUSINESS ADMINISTRATION  
 PROVIDENCE WOMEN'S COLLEGE  
 CALCUT- 673 009



**PROVIDENCE WOMEN'S COLLEGE**  
(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)  
Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....**ANUPRIYA P**.....  
of **.2017-20** batch has successfully completed the Add-on course/Certificate  
Course.....**EFFECTIVE COMMUNICATION SKILL**.....(30  
hours duration) conducted by the Department of...**BUSINESS ADMINISTRATION**...in  
the academic year...**2017-18**...and has passed with.....**A+**.....grade. She has also  
proved her merit in the continuous internal assessments with the required  
attendance.



  
**Dr. Sr. Jesiamma Joseph**  
**Principal**





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....**AMAL NOWRIN**.....  
of **2017-20** batch has successfully completed the Add-on course/Certificate  
Course.....**EFFECTIVE COMMUNICATION SKILL**.....(30  
hours duration) conducted by the Department of...**BUSINESS ADMINISTRATION**...in  
the academic year....**2017-18**....and has passed with.....**A**.....grade. She has also  
proved her merit in the continuous internal assessments with the required  
attendance.



Dr. Sr. Jesiamma Joseph  
Principal



**PROVIDENCE WOMEN'S  
COLLEGE**

**DEPARTMENT OF BUSINESS ADMINISTRATION**

**CERTIFICATE COURSE**

**HR -CONNECT**



.....

**2017-18**



⋮

**course duration 30-HOURS**



## PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9

DEPARTMENT OF BUSINESS ADMINISTRATION.

MINUTES OF THE DEPT COUNCIL HELD ON 03.08.2017

As per the minutes of the meeting held on 3/8/17 the Dept of Business Administration has decided to conduct a certificate course on HR-CONNECT for the students of III (UG/PG), for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1. K. Deepa (Chairperson)
2. Prasanna V.K (Member)
3. Beena K.C. (Member)
4. .... (External Member)

This has been envisaged to enrich the curriculum.



  
Principal

Providence Women's College

Principal  
Providence Women's College  
Kozhikode - 673 009

Third year

STUDENTS LIST 2017-18

1	AFLAH RAFI	COMPLETED
2	AFNAN HANIF	COMPLETED
3	AISWARYA P	COMPLETED
4	AISWARYA S MENON	COMPLETED
5	AMINA NIZAR	COMPLETED
6	AMRUTHESWARI A	COMPLETED
7	ANJANA M	COMPLETED
8	ANUSHA U	COMPLETED
9	ASWANI C	COMPLETED
10	AYSHA A N	COMPLETED
11	AYSHA FERIN M V	COMPLETED
12	AYSHA RASHA T V	COMPLETED
13	BASILA S	COMPLETED
14	FATHIMA BINSHANA C A	COMPLETED
15	FATHIMA SHAHANA M T	COMPLETED
16	FATHIMA ZILLA B V	COMPLETED
17	JASNA	COMPLETED
18	K S SAFVANA	COMPLETED
19	KADEEJA C	COMPLETED
20	KARTHIKA ROOPESH	COMPLETED
21	KHADEEJA SHIRIN	COMPLETED
22	KRIPA MARY PETER	COMPLETED
23	NADEEN LOIS NICHOLAS	COMPLETED
24	NAHANA P P	COMPLETED
25	NAJIYA	COMPLETED
26	RASHIDA N P	COMPLETED
27	REHA ROLAND	COMPLETED
28	RESHMA M	COMPLETED
29	RISHIKA ARANGIL	COMPLETED
30	RISVANA RAHANA N P	COMPLETED
31	SAFNA K	COMPLETED
32	SALSABEELA USMAN YAHOO M K	COMPLETED

  
HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009

33	SANGEETHA A V	COMPLETED
34	SHADIYA BASHEER, M K	COMPLETED
35	SHRADDHA K	COMPLETED
36	SIKHA PRASANTH K	COMPLETED
37	SILPA K	COMPLETED
38	SNEHA T	COMPLETED
39	SREERAMYA EDAKKALATHIL	COMPLETED
40	SREESHMA E M	COMPLETED
41	SURYA SUNIL K	COMPLETED
42	WAFa ISMAIL KATTIL	COMPLETED
43	ZAIRIN N M	COMPLETED
44	SNEETHA	COMPLETED

  
 HEAD OF THE DEPARTMENT OF  
 BUSINESS ADMINISTRATION  
 PROVIDENCE WOMEN'S COLLEGE  
 CALICUT- 673 009



## **CERTIFICATE COURSE : HR CONNECT**

### **COURSE SYLLABUS:**

Contact hrs: 30

1. INTRODUCTION, IMPORTANCE OF HUMAN RESOURCE IN THE ORGANISATION, COMPETITIVE ADVANTAGE,
2. TRAINING AND DEVELOPMENT, EXAMPLES OF TRAINING PROGRAMS IN THE ORGANISATION, MANAGEMENT DEVELOPMENT PROGRAMS, HOW TO PREPARE JOB DESCRIPTION, METHODS OF JOB ANALYSIS.
3. OVERVIEW OF HRM TRENDS AND CHALLENGES: GREEN HRM, ELECTRONIC HRM, HR AUDIT, HRIS.

  
HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009

2017-18

SL.NO	NAME OF THE STUDENT	GRADE
1	AFLAH RAFI	B
2	AFNAN HANIF	B+
3	AISWARYA P	A
4	AISWARYA S MENON	C
5	AMINA NIZAR	A
6	AMRUTHESWARI A	B
7	ANJANA M	A
8	ANUSHA U	B
9	ASWANI C	C
10	AYSHA A N	C
11	AYSHA FERIN M V	C
12	AYSHA RASHA T V	B
13	BASILA S	B
14	FATHIMA BINSHANA C A	A
15	FATHIMA SHAHANA M T	A
16	FATHIMA ZILLA B V	B
17	JASNA	A
18	K S SAFVANA	A
19	KADEEJA C	B
20	KARTHIKA ROOPESH	C
21	KHADEEJA SHIRIN	B
22	KRIPA MARY PETER	A+
23	NADEEN LOIS NICHOLAS	A+
24	NAHANA P P	A
25	NAJIYA	B
26	RASHIDA N P	B
27	REHA ROLAND	B
28	RESHMA M	B
29	RISHIKA ARANGIL	A
30	RISVANA RAHANA N P	B
31	SAFNA K	C
32	SALSABEELA USMAN YAHOO M K	B
33	SANGEETHA A V	A
34	SHADIYA BASHEER M K	B
35	SHRADDHA K	B
36	SIKHA PRASANTH K	A
37	SILPA K	A
38	SNEHA T	B
39	SREERAMYA EDACKALATHIL	C
40	SREESHMA E M	B
41	SURYA SUNIL K	A+
42	WAFIA ISMAIL KATTIL	A+
43	ZAIRIN N M	A
44	SNEETHA	B

  
 HEAD OF THE DEPARTMENT OF  
 BUSINESS ADMINISTRATION  
 PROVIDENCE WOMEN'S COLLEGE  
 CALICUT- 673 009

**CERTIFICATE COURSE Report**

**DEPARTMENT OF BUSINESS ADMINISTRATION**

**PROVIDENCE WOMEN'S COLLEGE**

The certificate course offered was HR - connect with 44 students. The duration of the course was 30 hours. The course coordinator was Ms. Prasy VK faculty of the Department. The course started in the month of June and was completed successfully.

The certificate was distributed in the month of March with full pass percent.



HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009

# ATTENDANCE FOR CERTIFICATE COURSE 17-18

	NAME OF THE STUDENT	Oct	Nov	Jan	FEB
1	AFLAH RAFI	X	X	X	X
2	AFNAN HANIF	X	X	X	X
3	AISWARYA P	X	X	X	X
4	AISWARYA S MENON	X	X	X	X
5	AMINA NIZAR	X	X	X	X
6	AMRUTHESWARI A	X	X	X	X
7	ANJANA M	X	X	X	X
8	ANUSHA U	X	X	X	X
9	ASWANI C	X	X	X	X
10	AYSHA A N	X	X	X	X
11	AYSHA FERIN M V	X	X	X	X
12	AYSHA RASHA T V	X	X	X	X
13	BASILA S	X	X	X	X
14	FATHIMA BINSHANA C A	X	X	X	X
15	FATHIMA SHAHANA M T	X	X	X	X
16	FATHIMA ZILLA B V	X	X	X	X
17	JASNA	X	X	X	X
18	K S SAFVANA	X	X	X	X
19	KADEEJA C	X	X	X	X
20	KARTHIKA ROOPESH	X	X	X	X
21	KHADEEJA SHIRIN	X	X	X	X
22	KRIPA MARY PETER	X	X	X	X
23	NADEEN LOIS NICHOLAS	X	X	X	X
24	NAHANA P P	X	X	X	X
25	NAJIYA	X	X	X	X
26	RASHIDA N P	X	X	X	X
27	REHA ROLAND	X	X	X	X
28	RESHMA M	X	X	X	X
29	RISHIKA ARANGIL	X	X	X	X
30	RISVANA RAHANA N P	X	X	X	X

HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENT FUND



[illegible]



**PROVIDENCE WOMEN'S COLLEGE**  
(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)  
Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **AFNAN HANIF**.....  
of **.2015-18** batch has successfully completed the Add-on course/Certificate  
Course..... **HR-CONNECT**..... (30  
hours duration) conducted by the Department of... **BUSINESS ADMINISTRATION**... in  
the academic year... **2017-18**... and has passed with..... **B+**..... grade. She has also  
proved her merit in the continuous internal assessments with the required  
attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **AFLAH RAFI**.....  
of **.2015-18** batch has successfully completed the Add-on course/Certificate  
Course..... **HR-CONNECT**.....(30  
hours duration) conducted by the Department of... **BUSINESS ADMINISTRATION**...in  
the academic year... **2017-18**...and has passed with..... **B**.....grade. She has also  
proved her merit in the continuous internal assessments with the required  
attendance.



Dr. Sr. Jesiamma Joseph  
Principal

# **PROVIDENCE WOMEN'S COLLEGE**

**DEPARTMENT OF BUSINESS ADMINISTRATION**

## **CERTIFICATE COURSE**

**2017-18**

### ***Tally ERP-9***

**COURSE DURATION -45 HOURS**





## PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9

DEPARTMENT OF Business Administration

MINUTES OF THE DEPT COUNCIL HELD ON 03.08.2017

As per the minutes of the meeting held on 3/8/17 the Dept of Business  
Admin. has decided to conduct a certificate course on Tally ERP-9  
.....for the students of II (UG/PG), for  
a duration of 30 hours. Members of the Design and Development of  
Curriculum Committee for the above mentioned course will be,

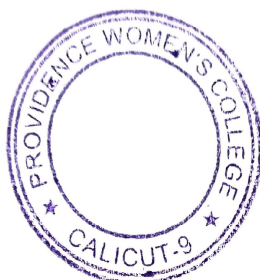
(Name & Signature)

1. K. Deepa. Ashok (Chairperson)
2. Prasanna K. (Member)
3. Beena K. (Member)
4. Mr. Agun (External Member)

This has been envisaged to enrich the curriculum.

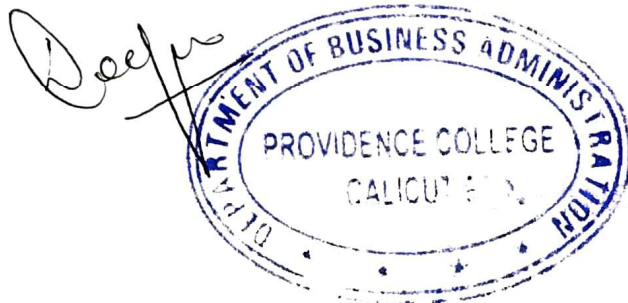
Principal

Providence Women's College



List of students enrolled for certificate course 17-18

No.	Names
1	Aishwarya Lakshmi
2	Amina Raifa
3	Anjali Suresh
4	Anupriya KV
5	Arshita Sanil
6	Arya G
7	Ashwati Rajeev
8	Aswathi T
9	Athira Das
10	Fathima Sanam
11	Mariyam Afsal
12	Nehla Minaver
13	Reema Zaina
14	Ridha Fathima
15	Rumin Nazer
16	Sneha Girish
17	Sneha Thomas
18	Sneha Tom
19	Aiswarya M
20	Ananya PB
21	Anisha NP
22	Anusha KT
23	Archana PK
24	Arya Bhuvanan
25	Fathima Raida
26	Hima CM
27	Hina Abdul Samad
28	Janvi JS
29	Rudra Sankar
30	Shahala Jabin
31	Alka Krishna
32	Aparna C
33	Devika K
34	Divya Gopikrishnan
35	Divya Lakshmi K
36	Fathima Nilofar
37	Poornima A
38	Sandhra Clippy



# CERTIFICATE COURSE : TALLY ERP 9.

## COURSE SYLLABUS

### LEARN TALLY.ERP9 -45 HOURS

#### 1. BASICS OF ACCOUNTING

- INTRODUCTION
- ACCOUNTING CONCEPTS PRINCIPLES AND CONVENTIONS
- DOUBLE ENTRY SYSTEM OF BOOK KEEPING
- RULES OF ACCOUNTING
- MODE OF ACCOUNTING
- CHART OF ACCOUNT
- FINANCIAL STATEMENTS
- TRANSACTIONS

#### 2. BUSINESS ORGANISATIONS

- INTRODUCTION
- FORMS OF BUSINESS ORGANISATIONS
- CLASSIFICATIONS OF BUSINESS ORGANISATION

#### 3. ACCOUNTING ON COMPUTERS

- INTRODUCTION
- COMPUTERISED ACCOUNTING

#### 4. TALLY. ERP9 FUNDAMENTALS

- INTRODUCTION
- TALLY.ERP9 START UP
- SETTING UP OF COMPANY
- COMPANY FEATURES
- CONFIGURATIONS
- SETTING UP ACCOUNT HEADS
- GROUPS & LEDGERS
- VOUCHER TYPE
- ACCOUNTING VOUCHERS

## **5. INTRODUCTION OF TRADING ORGANISATIONS**

- INTRODUCTION
- ACCOUNTING AND COMMERCIAL TERMS
- INVENTORY
- INVENTORY VALUATION
- INVENTORY SYSTEMS
- INVENTORY LEVELS

## **6. ACCOUNTING FOR TRADING ORGANISATIONS**

- INTRODUCTION
- SETTING AND RECORDING TRANSACTIONS

## **7. GENERATING AND PRINTING REPORTS**

- INTRODUCTION
- FINANCIAL STATEMENT
- ACCOUNTING BOOK & REGISTERS
- INVENTORY BOOKS & REPORTS
- STATEMENT OF ACCOUNTS
- STATEMENT OF INVENTORY
- MIS REPORTS IN TALLY .ERP9
- BUDGETING & CONTROL
- SCENARIO MANAGEMENT
- BANK RECONCILIATION STATEMENT
- EXCEPTION REPORTS
- PRINTING REPORTS

## **8. GENERATING STATUTORY REPORTS IN TALLY.ERP 9**

- VAT
- CST
- TDS

## **9. INTRODUCTION TO SERVICE ORGANISATION**

## **10. ACCOUNTING FOR SERVICE ORGANISATION**

- SETTING UP NEW COMPANY
- RECORDING TRANSACTION




## **11. GENERATING & PRINTING REPORTS**

- FINANCIAL STATEMENT
- ACCOUNTING BOOK & REGISTERS
- STATEMENT OF ACCOUNTS
- MIS REPORTS
- EXCEPTION REPORTS
- PRINTING REPORTS

## **12. GENERATING STATUTORY REPORTS**

- SERVICE TAX COMPUTATION
- SERVICE TAX PAYABLES
- INPUT CREDIT SUMMARY
- ST- 3 RETURNS
- E- FILING
- EXCEPTION REPORTS

  
HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009

# TALLY ERP 9 RESULT 2017-2018

SL NO	NAME	% OF MARKS OBTAINED
1.	AMINA RAIFA RAOOF	50
2	SNEHA TOM	64
3	HINA ABDUL SAMAD	57
4	NEHLA MINAVER	44
5	DEVIKA K	64
6	ARCHANA P K	77
7	POORNIMA A	70
8	FATHIMA SANAM	50
9	HIMA C M	70
10	FATHIMA NILOFAR	60
11	SNEHA THOMAS	74
12	SANDHRA CLIPPY	80
13	DIVYA GOPIKRISHNAN	67
14	SHAHALA JABIN	60
15	ASWATHI T	60
16	ARYA G	64
17	ATHIRA DAS T P	57
18	AISHWARYA LAKSHMI	74
19	FATHIMA RAIDA	67
20	AISWARYA M	84
21	ALKA KRISHNA R J	77
22	MARIYAM AFZAL P I	57
23	ANUPRIYA K V	50
24	SNEHA GIRISH	60
25	ARSHITHA SANIL	74
26	ARYA BHUVANAN	80
27	DIVYA LAKSHMI K	74
28	ANUSHA KUNNAMTHODIKAYIL	64
29	RIDHAFATHIMA P	50
30	ANANNYA P B	87
31	REEMA ZAINA P V	64
32	RUDRA SANKAR	80
33	ANISHA N P	84
34	APARNA C	74
35	JANVI J S	80
36	RUMIN NAZER	77
37	ANJALI SURESH	77
38	ASWATHI RAJEEV	74

HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009

**CERTIFICATE COURSE- TALLY ERP 9 2017-18**

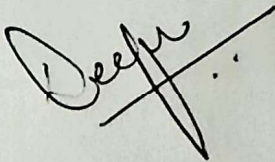
**DEPARTMENT OF BUSINESS ADMINISTRATION**

**PROVIDENCE WOMEN'S COLLEGE**

The certificate course offered this year was Tally Erp 9 with 38 students. The duration of the course was 30 hours. The course coordinator was Ms. Prasy VK faculty of the Department. The course started in the month of June and was completed by the end of the academic year.

The certificate was distributed in the month of March with full pass percent.

Mr. Arun of IBS was the faculty for the whole course.



Head of the Department

HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009

## Course outcome

### Tally ERP 9

In India, 90% of the Businesses and business people are using Tally ERP 9. Thus having a good working knowledge of Tally is very much important and is in great demand, Tally is an accounting software that has made calculations simple. It has become a part and parcel of all businesses. Small scale enterprises believe that Tally software saves a lot of time, provides accuracy and carries out efficient business transactions. Tally has become the integral part of any organization in order to manage the accounting details. This accounting software is beneficial to any kind of organization to maintain their account details. By understanding the importance of tally software many students join for studying tally course. It helps management in handling transactions, money flow and interest payment.

#### Enables effortless data Movements

- Less expenses on data collection and data transfer of files
- Fast data files transaction
- Human errors are eliminated on the data
- To get easy and fast documents accesses
- Promotes business development activities
- Easy to use and handle

#### Learning outcome

- It provides Better employability
- It Increases job satisfaction
- You get Up-to-date Tally knowledge
- getting Tally certified from the best institute may increase the chance for a better job opportunity with a good salary package.
- learning Tally will boost their career by improving knowledge in Accounting and Taxation.

  
HEAD OF THE DEPARTMENT OF  
BUSINESS ADMINISTRATION  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 004



## DEPT.....ATTENDANCE REGISTER

FOR THE MONTH OF.....June.....2017.....

Sl. No.	Name		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	AISWARYA LAIKSHANI	M												R	P					P								P					
2	ANINA RAIFA RAOOF	N												P	P					P								P					
3	ANGALI SURESH	M												P	P					P								P					
4	ANUPRIYA . K.V	N												P	P					A								P					
5	ARSHIDA SANIL	M												P	P					P								P					
6	ARYA G	N												P	P					P								P					
7	ASWATHI RAJEEV.	M												P	P					P								P					
8	ATHIRA DAS	N												P	P					P								P					
9	FATHIMA SANAN	M												P	P					P								A					
10	MARIYAN AFZAL	N												A	P					P								P					
11	NEHALA MINAVER	M												P	P					P								P					
12	REENA ZAINA	N												P	P					P								P					
13	RIDHA FATHIMA	M												P	P					P								P					
14	RUMIN NAZER	N												P	P					P								P					
15	SNEHA GIREESHI	M												A	P					P								P					
16	SNEHA THOMAS.	N												P	P					P								P					
17	SNEHA TONY	M												P	P					P								P					
18	AISWARYA M	N												P	P					P								P					
19	ANNAPATHA . P.B	M												P	P					P								P					
20	ANISHA . N.P	N												P	P					P								P					
21	ANUSHA KUNNAM THADIKAVIL	M												P	P					P								P					
22	ARCHANA	N												P	P					P								P					
23	ARYA BHUVANAN	M												P	P					A								P					
24	FATHIMA RAIDA	N												P	P					P								P					
25	HIMA . C.N	M												P	P					P								P					
26	HINA ABDUL SAMAD	N												P	P					P								P					
27	JANVI.	M												P	P					P								P					
28.	RUDRA . SANKER	N												P	P					P								P					



20 17

Sl No	Name		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	AISWARYA LAICSHANI	M										A							2								B						
2	ANINA RAIFA RAOP	N										P							2								2						
3	ANJALI SURESH	M										A							2								2						
4	ANUPRIYA . K V	N										P							2								2						
5	ARSHIDA SANIL	M										P							2								2						
6	ARYA G	N										P							2								2						
7	ASWATHI PABEEN	M										P							2								2						
8	ATHIRA DAS	N										P							2								2						
9	FATHIMA SANAN	M										P							2								2						
10	MARIYAM AFZAL	N										P							2								2						
11	NEHALA MINAYER	M										P							2								2						
12	REEMA ZAINA	N										P							2								2						
13	RIDHA FATHIMA	M										A							2								2						
14	RUMIN NAZER	N										P							2								2						
15	SNEHA GIREESH	M										P							2								2						
16	SNEHA THOMAS	N										P							2								2						
17	SNEHA TON	M										P							2								2						
18	AISWARYA M	N										P							2								2						
19	ANNATHYA . P.B	M										P							2								2						
20	ANISHA N.P	N										P							2								2						
21	ANUSHA KUMKANTHODIA	M										P							2								2						
22	ARCHANA	N										P							2								2						
23	ADYA BHUVANANI	M										P							2								2						
24	FATHIMA ZAIDA	N										P							2								2						
25	HIMA C.N	M										P							2								2						
26	HINA ABDEL SANAD	N										P							2								2						
27	JANVI	M										P							2								2						
28	RUDRA . SANKER	N										P							2								2						

## ATTENDANCE REGISTER

FOR THE MONTH OF.....August

..20.....17

Sl. No.	Name
1.	AISHWARYA LAIKSHAN
2	ANINA RAIFA RAOP
3	ANJALI SURESH
4	ANUPRIYA . K.V
5	ARSHIDA SANIL
6	ARIYA G
7	ASWATHI RAJEEV.
8	ATHIRA DAS
9	FATHIMA SANAN
10	MARIYAH AFZAL
11	NEHALA MINAVAR
12	REENA ZAINA
13	RIDHA FATHIMA
14	RUMIN NAZER
15	SNEHA GIREESH
16	SNEHA THOMAS.
17	SNEHA TOMY
18	AISHWARYA . M
19	ANNAPAYA . P.B
20	ANISHA . N . P
21	ANUSHA KUNNATHI HO
22	ARCHANA
23	ARYA BHUVANAN
24	FATHIMA RAIDA
25	HIMA . C . N
26	HINA ABDUL SAN
27	JANVI
28	JANICE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M	P			A				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	A			P				P	P								
M	P			A				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								
M	A			P				A	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	A								
M	P			P				P	P								
N	P			P				P	A								
M	P			P				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								
M	P			P				P	P								
N	P			P				P	P								

[illegible]



## ATTENDANCE REGISTER

**FOR THE MONTH OF**

September

20

DEPT.....	6	9	10	11	12	13	14	15	16	17
-----------	---	---	----	----	----	----	----	----	----	----

18	19	20	21	22	23	24	25	26	27	28	29	30	31	
----	----	----	----	----	----	----	----	----	----	----	----	----	----	--



# DEPT.....ATTENDANCE REGISTER

FOR THE MONTH OF October 20.....

Sl. No.	Name		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	AISWARYA LAKSHMI	M			P	P						A							A			P						A					
2	ANJANA RAIFA RAOP	N			P	A			Internal			P							P			A						P					
3	ANJALI SURGSA	M			P	P			Exam			P							P			P						P					
4	ANUPRIYA .K.V	N			P	A						P							P			P						P					
5	ARSHIDA SANIL	M			P	A						P							P			P						A					
6	ARYA G	N			A	P						P							P			P						P					
7	ASWATHI RAJEEV.	M			P	A						P							P			A						P					
8	ATHIRA DAS	N			P	P						A							P			P						P					
9	FATHIMA SANAN	M			P	P						P							P			P						P					
10	MARIYAH AFZAL	N			P	P						A							P			P						P					
11	NEHALA MINAVER	M			P	P						P							P			P						P					
12	REEMA ZAINA	N			P	P						P							A			P						A					
13	RIDHA FATHIMA	M			A	A						P							P			P						P					
14	RUMIN NAZER	N			P	P						P							A			A						P					
15	SNEHA GIREESH	M			P	A						A							P			P						P					
16	SNEHA THOMAS	N			P	P						P							P			P						P					
17	SNEHA TOM	M			P	P						A							P			P						P					
18	AISWARYA M	N			P	P						P							P			A						P					
19	ANNAPAYA .P.B	M			P	P						P							P			P						P					
20	ANISHA N P	N			P	P						P							P			P						P					
21	ANUSHA KUNNAMTHODIKAN	M			P	A						P							P			P						P					
22	ARCHANA	N			P	P						P							A			P						P					
23	ARYA BHUVANAN	M			P	P						R							P			A						A					
24	FATHIMA ZAIDA	N			A	P						A							P			P						P					
25	HIMA C N	M			P	P						P							P			P						A					
26	HINA ABDUL SANAD	N			P	P						P							A			P						A					
27	JANVI	M			P	P						A							P			A						A					
28	RUDRA SANKER	N			P	P						P							P			P						P					



FOR THE MONTH OF November 2017

DEPT																																	
S. No.	Name		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	ARISWARYA LAIKSHMI	M						.						X					P	P													
1.	ANINA RAISA RAJEEV	N						P						X					P	P													
2	ANDALI SURESH	M						P						X					P	P													
3	ANUPRIYA . R . V	N						P						X					P	P													
4	ARSHIDA SANIL	M						P						X					P	P													
5	ARVA G	N						P						X					A	P													
6	ASWATHI RAJEEV	M						P						X					A	P													
7	ATHIRA DAS	N						P						X					A	P													
8	FATHIMA SANAN	M						P						X					P	P													
9	NARINAH ARFAL	N						A						X					P	P													
10	NEHALA NINANER	M						P						X					P	P													
11	REENA ZAINA	N						P						X					P	P													
12	RIDHA FATHIMA	M						P						X					P	P													
13	RUMIN NAJER	N						A						X					P	P													
14	SNEHA GIREESH	M						A						X					P	P													
15	SNEHA THOMAS	N						A						X					P	P													
16	SNEHA TOH	M						A						X					P	P													
17	ARISWARYA . M	N						P						X					P	P													
18	ANNAPYA . P . B	M						P						X					P	P													
19	ANISHA . N . P	N						.						X					P	P													
20	ANUSHA KUNNAM THODIMAN	M						.						X					P	P													
21	ARJITHANA	N						P						X					A	P													
22	ARYA BHUVANAN	M						P						X					A	P													
23	FATHIMA ZAIDA	N						P						X					A	P													
24	HIMA C . N	M						P						X					P	P													
25	HINA ABDUL SANAD	N						P						X					P	P													
26	JANUJ	M						P						X					P	P													
27	ANUSHA KUNNAM THODIMAN	N						P						X					P	P													



# DEPT. \_\_\_\_\_ ATTENDANCE REGISTER

FOR THE MONTH OF December 2014

Sl No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	AISHWARYA LAKSHMI	M	P			P	P		P	P																						
2	ANITA RAJA RAJ	N	P			P	P		A	P	P																					
3	ANGALI SURESH	M	P	A		P	P		P	P	P																					
4	ANUPAMA R.V	N	P			P	P		P	P	P																					
5	ARSHIDA SANIL	M	P			P	P		P	P	P																					
6	ARYA G	N	P			P	P		P	P	P																					
7	ASWATHI RAJESH	M	P			P	P		P	P	P																					
8	ATARA DAS	N	P	A		P	A		A	P	P																					
9	FATHIMA SANON	M	P			P	P		P	P																						
10	HARINAH AFZAL	N	P	A		P	P		P	P	P																					
11	HEMALA MINAMBA	M	P			P	P		P	P	P																					
12	REENA ZAINA	N	P			P	P		P	P	P																					
13	RIDHA FATHIMA	M	P			P	P		A	P	P																					
14	RUMIN NAJER	N	P			P	P		P	P	P																					
15	SNEHA GIREESH	M	P	A		P	P		P	P	P																					
16	SNEHA THOMAS	N	P			P	P		P	P	P																					
17	SNEHA TOH	M	P			P	P		P	P	P																					
18	AISHWARYA M	N	P	A		P	P		P	P	P																					
19	ANNADYA . P I	M	P			P	P		P	P	P																					
20	ANISHA N P	N	P			P	P		P	P	P																					
21	ANUSHA KUNNAMTHODIYAN	M	P			P	P		P	P	P																					
22	ARATHANA	N	P	A		P	A		P	P	P																					
23	ARYA BHUVANAN	M	P			P	A		P	P	P																					
24	FATHIMA ZAIDA	N	P	A		P	P		P	P	P																					
25	HIMA L N	M	P			P	P		P	P	P																					
26	HINA ABDUL SANJID	N	P			P	P		P	P	P																					
27	JANVI	M	P			P	P		P	P	P																					
28	RUDRA SANKER	N	P			P	P		P	P	P																					

Christmas Vacation



## ATTENDANCE REGISTER

**FOR THE MONTH OF**

..20..17

[illegible][illegible]



## ATTENDANCE REGISTER

FOR THE MONTH OF.....July..

20.17

[illegible][illegible][illegible]

# DEPT.....ATTENDANCE REGISTER

Sl. No.	Name
29	SHAHALA
30	ALICA KRISHNA
31	APARNA L
32	DEVIIKA
33	DIVYA GOPI KRISHNAN
34	DIVYA LAKSHMI
35	FATHIMA NILOFAR
36	POORNIMA
37	SANDRA CLIPPY.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M	P			P				A		P							
N	P			P				P		P							
M	A			P				P		P							
N	P			A				A		P							
M	P			P				P		P							
N	P			P				P		A							
M	P			P				A		P							
N	P			P				P		P							
M	P			P				A		P							

Sl. No.	Name
29	SHANAL
30	ALICA KRISHNA
31	APARNA L
32	DEVIKA
33	DIYYA GOPI KRISHNAN
34	DIVYA LAKSHMI
35	FATHIMA NILOFAR
36	POORNIMA
37	SANDRA CLIPPY

# DEPT.....ATTENDANCE REGISTER

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M															P		
N															P		
M															P		
N															P		
M															P		
N															P		
M															P		
N															P		
M															P		
N															P		
M															P		

FOR THE MONTH OF.....September.....20.17																	18	19	20	21	22	23	24	25	26	27	28	29	30	31
																		A						P		P				
																		P						P		P				
																		P						P		P				
																		P						A		A				
																		P						P		P				
																		A						P		P				
																		P						P		.				
																		P						A		.				
																		P						P		P				



## ATTENDANCE REGISTER

**FOR THE MONTH OF**

October

..20..件..

[illegible]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M			P	A						P							P
N			P	P						P							P
M			P	P						P							P
N			P	P						P							P
M			A	P						P							P
N			P	P						P							P
M			P	P						P							P
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	

[illegible]



## ATTENDANCE REGISTER

FOR THE MONTH OF December

20

[illegible]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M	P	A			P	P		P	P	P							
N	P				P	P		P	P	P							
M	P	A			P	P		P	P	P							
N	P					P		P	P	.							
M	P	A			P	P		P	P								
N	P				P	P		P	P	P							
M	P				P	.		P	P	P							
N	P				P	P		P	P	P							
M	A	E			A	P		P	A	P.							
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	
M																	
N																	

(Signature)

DEPARTMENT OF BUSINESS ADMINISTRATION  
 PROVIDENCE COLLEGE  
 CALCUTTA

This image shows a full page of graph paper from a notebook. At the top, there is a header row containing the numbers 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, and 31. Below this header is a large area of graph paper with a uniform grid of squares. A single, faint diagonal slash mark is present in the middle-left portion of the grid. The rest of the page is blank.



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....**SNEHA TOM**.....  
of **.2016-19** batch has successfully completed the Add-on course/Certificate  
Course.....**TALLY ERP-9**.....(30  
hours duration) conducted by the Department of...**BUSINESS ADMINISTRATION**...in  
the academic year...**2017-18**...and has passed with.....**B**.....grade. She has also  
proved her merit in the continuous internal assessments with the required  
attendance.



Dr. Sr. Jesiamma Joseph  
Principal



# *Department of Chemistry*

## *2017-18*

### **CERTIFICATE COURSE IN FOOD ADDITIVES**

- ❖ **Food additives**
- ❖ **Safety and regulations of food additives**
- ❖ **Benefits of additives**
- ❖ **Origin and chemistry of Food Colours, Food flavours, Gelling agents, Sweeteners, Preservatives, Emulsifiers and Anti-caking agents**

**Duration: 30 hours**

**Start Date: 20/09/2017**

***Contact: Dr. Anu Jose***



# BOS meeting for the certificate course 'Food Additives'

Date: 12-09-2017




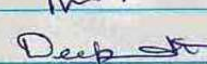
Agenda: Approval of the syllabus & conduct of the certificate course 'Food Additives'

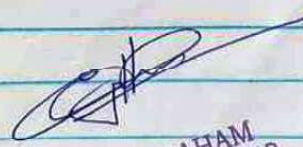
## Minutes.

Course will be offered to II B.Sc. Chemistry students and duration will be 30 hours.


Dr. Anu Jose was appointed as the course coordinator. Members examined the syllabus prepared by the curriculum committee and approved. Assessment will be carried out using internal evaluation, including test paper and assignment. Certificate will be awarded to those who secure 40% and above in the internal evaluation.

## members present:

1. Dr. Gigy Abraham 
2. Sr. Asha Thomas 
3. Dr. Anu Jose 
4. Dr. Deepthi Jose 

  
 DR. GIGY ABRAHAM  
 ASSOCIATE PROFESSOR & HEAD  
 DEPT. OF CHEMISTRY  
 PROVIDENCE WOMEN'S COLLEGE  
 CALICUT

Department of Chemistry		
Enrollment List		
Certificate Course on Food Additives 2017-18		
Sl. No.	Name	Class
1	Ektha Michelle Wengler	II Chemistry
2	Neethu Gangadharan	II Chemistry
3	Aashna Lulu K	II Chemistry
4	Akhila Vinayan	II Chemistry
5	Anuvindha M V	II Chemistry
6	Arya Girish	II Chemistry
7	Aseesa Beegum M K	II Chemistry
8	Ashna George	II Chemistry
9	Chandana S Mohan	II Chemistry
10	Dani George	II Chemistry
11	Darsana Tomy	II Chemistry
12	Namitha John	II Chemistry
13	Neethu N	II Chemistry
14	Neethu Sebastian	II Chemistry
15	Raveena M	II Chemistry
16	Ridhu P Shaji	II Chemistry
17	Sandhra Madhu M	II Chemistry
18	Sreelakshmi M	II Chemistry
19	Anagha Sivaraman	II Chemistry
20	Anju Ravi	II Chemistry
21	Ann Mariya Joy	II Chemistry
22	Aswani K P	II Chemistry
23	Athira Krishnan	II Chemistry
24	Athira S B	II Chemistry
25	Ayana P	II Chemistry
26	Ayisha Najiya K C	II Chemistry
27	Aysha Hameeda B A	II Chemistry
28	Deepa R Das	II Chemistry
29	Divya A V	II Chemistry
30	Divya Sebastian	II Chemistry
31	Joyce Jose	II Chemistry
32	Krishna Theertha P	II Chemistry
33	Neena Rajan	II Chemistry
34	Roseline Sequeira	II Chemistry
35	Sukanya Rose	II Chemistry

  
 DR. GIGY ABRAHAM  
 ASSOCIATE PROFESSOR & HEAD  
 DEPT. OF CHEMISTRY  
 PROVIDENCE WOMEN'S COLLEGE  
 CALICUT



## **DEPARMENT OF CHEMISTRY**

### **CERTIFICATE COURSE IN FOOD ADDITIVES**

**Total Hours:30**

#### **UNIT 1**

**12 hrs**

Food additives – definitions, classification and function. Antioxidants, Preservatives, Emulsifiers, Stabilizers, sweeteners, thickening agents, chelating agents, curing agents, leavening agents, anti-caking agents, colouring agents, flavouring agents, stimulants. Safety and regulations of food additives, food allergy and intolerance, antioxidants and health benefits. Functional rule of food additives. Benefits of additives. Side effects of food additives.

#### **UNIT 2**

**18 hrs**

**Food colours-** origin and chemistry of food colours, natural colours and artificial colours. functions, applications, technological need/benefits. The range of colours. safety issues. Food colours and hyperactivity

**Food flavours-**natural and artificial, functions, applications. The chemistry, origin and manufacture of flavouring. flavour enhancer-Monosodium glutamate.

**Gelling agents-** thickeners and stabilizers. Functions, applications, need and benefits. Manufacture of gelling agents. Need for Gelling agents, thickeners and stabilizers

**Sweeteners-** natural and artificial. Functions, chemistry and range of sweeteners, bulk sweeteners and intense sweeteners.


**Preservatives-** Functions, applications, need and benefits. Origin and manufacture. Range of preservatives.

**Emulsifiers-** Emulsion, function, emulsion stabilisation, dough conditioning.

**Anti-caking agents/Free-flow agents-** functions, Range of anti-caking agents


#### **Reference**

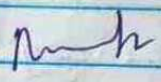
1. Branen, A.L., Davidson PM & Salminen S. 2001. Food Additives. 2nd Ed. Marcel Dekker.
2. George, A.B. 1996. Encyclopedia of Food and Color Additives. Vol. III. CRC Press.
3. George, A.B. 2004. Fenaroli's Handbook of Flavor Ingredients. 5th Ed. CRC Press.
4. Morton, I.D. & Macleod, A.J. 1990. Food Flavours. Part A, BC. Elsevier.

  
**DR. GIGY ABRAHAM**  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT

## Summary

Dept. of Chemistry, Providence Women's College, offered a certificate course on Food Additives for the Second B.Sc. Chemistry students. The course provide an understanding on the Chemistry of Food additives, its safety and regulations and its benefits <sup>and</sup> health effects. All the 35 students of Second year Chemistry enrolled for the course and successfully completed it. Certificates were awarded on successful completion.

  
 DR. GICY ABRAHAM  
 ASSOCIATE PROFESSOR & HEAD  
 DEPT. OF CHEMISTRY  
 PROVIDENCE WOMEN'S COLLEGE  
 CALICUT

  
 Dr. Anu Jose



# Food Additives - 2017 - 2018

## II<sup>nd</sup> Chemistry

	2019	2019	4/10	4/10	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019</
--	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	--------

Students Enrolled: 35  
Passed: 35

ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE COLLEGE  
CHENNAI  
ABRAHAM





# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that Ms. Dani George of 11 year,  
Department of Chemistry has successfully completed the Add-on  
Course / Certificate Course in Food Additives  
(30 hours duration) conducted by the Department of Chemistry in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



College Seal

  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that Ms. Darsana Tomy of II year,  
Department of Chemistry has successfully completed the Add-on  
Course / Certificate Course in Food Additives  
(30 hours duration) conducted by the Department of Chemistry in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



College Seal

  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that Ms. Ayisha Najiya K C of 11 year,  
Department of Chemistry has successfully completed the Add-on  
Course / Certificate Course in Food Additives  
(30 hours duration) conducted by the Department of Chemistry in the  
academic year 2017-18 and has passed with B grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



College Seal

  
Principal



# Department of Chemistry

2017-18

CERTIFICATE COURSE IN

RESEARCH METHODS AND WRITING

- **Scientific & Research Methods**
- **Communication of Scientific Information**
- **Research Ethics and IPR**
- **Tools and Techniques for Research**

Duration: 30 hours  
Starts on: 15/09/2017

Contact: Dr. Jasila K



BOS meeting for the certificate course 'Research methods <sup>6</sup> and writing'.

Date : 12/9/2017

Agenda - Certificate course on 'Research methods & writing' : Approval of the syllabus & conduct of the course.

Minutes :

The certificate course on 'Research methods & writing' will be conducted for 1 year B.Sc. students with a duration of 30 Hrs. The co-ordinator for the course was Dr. Jesila K.K. & the course has been designed & approved by the members. The course evaluation will be based on viva & written examination. The course certificate will be awarded to the candidates who passed the examination & the co with above 80% attendance.

Members present

Dr. Gigy Abraham

Sr. Asha Thomas

Dr. Deepthi Jose

Dr. Anu Jose

Dr. Jesila K.

Board members

Dr. Gigy Abraham

Dr. Jesila K.

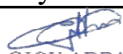
Dr. Sr. Jesamma Joseph

DR. GIGY ABRAHAM  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT

Department of Chemistry		
Enrollment List		
Certificate Course on Research Methods and Writing 2017-18		
Sl. No.	Name	Class
1	ATHIRA V	I Chemistry
2	ATHULYA M	I Chemistry
3	DEVI M S	I Chemistry
4	KRISHNA ARAVIND P	I Chemistry
5	ANAGHA SUDHEER	I Chemistry
6	ANASWARA P	I Chemistry
7	ANGEL JOSSY JOSEPH	I Chemistry
8	ANJU ABRAHAM	I Chemistry
9	ANTISA JOJO	I Chemistry
10	ASHLIN ANNA CHACKO	I Chemistry
11	ARDRA VIJAY	I Chemistry
12	ARUNIMA S S	I Chemistry
13	ARYA K	I Chemistry
14	AVANI RAJ M	I Chemistry
15	EMLIN SANTHOSH	I Chemistry
16	KRISHNANJA V NAIR	I Chemistry
17	NIKITHA S	I Chemistry
18	REVATHI K	I Chemistry
19	SRUTHI MOHAN RAJ	I Chemistry
20	SUPRIYA K	I Chemistry
21	THULASIKRISHNA S R	I Chemistry
22	VAISHNAVI S V	I Chemistry
23	ADITHYA P	I Chemistry
24	AISWARYA A R	I Chemistry
25	ANAGHA P GANESAN	I Chemistry
26	ANAGHA S NATH	I Chemistry
27	ANJANA I P	I Chemistry
28	ANJANA JAMES	I Chemistry
29	DAYANA ROY	I Chemistry
30	GREESHMA SUNNY	I Chemistry
31	MEEMA JAMAL N	I Chemistry
32	MUHSEENA V K	I Chemistry
33	NASIHA FARSANA T	I Chemistry
34	NINITHA SREE U R	I Chemistry
35	NOWSHIDA BEGUM	I Chemistry
36	RIDA PARVEEN	I Chemistry
37	SHADIYA T E	I Chemistry



38	SHELJA JOSEPH	I Chemistry
39	SOUMYA M R	I Chemistry

  
 DR. GIGY ABRAHAM  
 ASSOCIATE PROFESSOR & HEAD  
 DEPT. OF CHEMISTRY  
 PROVIDENCE WOMEN'S COLLEGE  
 CALICUT

**DEPARTMENT OF CHEMISTRY**  
**CERTIFICATE COURSE IN RESEARCH METHODS AND WRITING**

**MODULE I: SCIENTIFIC AND RESEARCH METHODS (10 hrs)**

What is science? Scientific statements - scientific methods - observation - posing a question - formulation of hypothesis - experiment - theory - law - revision of scientific theories and laws. Scientific research: Defining the research problem, design of an experiment, Literature Survey and obtaining Scientific Information using Library and Online resources – primary, secondary and tertiary literature, including the major abstract journals, data sources, compendia, patents, current awareness, and computer readable sources- sampling, use of controls, experimental bias, analysis, results and discussion of results, statistical analysis of experimental data, errors.

**MODULE II: COMMUNICATION OF SCIENTIFIC INFORMATION (8 hrs)**

Publishing a research work: Layout of a Scientific Paper-Introduction, review of literature, scope, materials and methods, results and discussion, conclusions, reference and bibliography, author citation, acknowledgements and keywords-communications – Notes – Reviews – Scientific talk – Poster presentation – Seminar Papers-Research proposals, Criticisms and evaluation of Scientific Research, Major publishers in chemical science, impact factor of journals.

**MODULE III: RESEARCH ETHICS AND IPR (5 hrs)**

Ethics-ethical issues, ethical committees (human & animal); plagiarism, self-plagiarism, reproducibility and accountability, IPR- intellectual property rights and patent law, commercialization, copy right, royalty, trade related aspects of intellectual property rights (TRIPS).

**MODULE IV: TOOLS AND TECHNIQUES FOR RESEARCH (7 hrs)**

Methods to search required information effectively, Presenting data in tables, figures and plots. Reference Management Software like Endnote, Zotero, Mendeley, Software for paper formatting like LaTeX/MS Office, Software for detection of Plagiarism.

**REFERENCES**

1. Doing Science: Design, Analysis and Communication of Scientific Research; Ivan Valiela, Oxford University Press, 2001.
2. Garg, B.L., Karadia, R., Agarwal, F. and Agarwal, U.K., 2002. An introduction to Research Methodology, RBSA Publishers
3. Research Methodology, Methods and Techniques; C. R. Kothari, New Age International Publishers. 1990
4. Applied Chemometrics for Scientists; Richard, G. Brereton, John Wiley and Sons Ltd. 2007.
5. Chemometrics a text book; D. L. Massart, B. G. M. Vandeginste, S. M. Deming, Y. Michotte, L. Kaufman., Elsevier. 2003
6. Statistics and Chemometrics for Analytical Chemistry; J. N. Miller, J. C. Miller. Person Prentice – Hall, 2005.
7. Communicating Science, A Practical Guide; Springer, 2006.
8. Textbook of Research Ethics: Theory and Practice; Sana loue. Kluwer Academic Publishers, 2007
9. Wadehra, B.L. 2000. Law relating to patents, trade marks, copyright designs and geographical indications. Universal Law Publishing.

**ADDITIONAL READING**

1. Anthony, M., Graziano, A.M. and Raulin, M.L., 2009. Research Methods: A Process of Inquiry, Allyn and Bacon.
2. Carlos, C.M., 2000. Intellectual property rights, the WTO and developing countries: the TRIPS agreement and policy options. Zed Books, New York.
3. Coley, S.M. and Scheinberg, C. A., 1990, "Proposal Writing", Sage Publications.
4. Day, R.A., 1992. How to Write and Publish a Scientific Paper, Cambridge University Press.
5. Fink, A., 2009. Conducting Research Literature Reviews: From the Internet to Paper. Sage Publications
6. Leedy, P.D. and Ormrod, J.E., 2004 Practical Research: Planning and Design, Prentice Hall.
7. Satarkar, S.V., 2000. Intellectual property rights and Copy right. Ess Ess Publications.



DR. GIGY ABRAHAM  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT



Chemistry



[illegible]

Students Enrolled = 39

Students Passed = 39

80% and above = 17

DR. J. J. ABRAHAM  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT



### Summary

The Dept. of Chemistry, Providence Women's College had offered the certificate course on Research methods & waiting for 1<sup>st</sup> B.Sc. Chemistry students. with a duration of 30 hours. All the 29 students have enrolled for the course & they got introduced to the basic research pro areas, processes, methods etc. The course was started on 15/9/2017 & end by 20/3/2017. The certificates were awarded on successful course completion.



Dr. Jaseela K



DR. GIGY ABRAHAM  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT





# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that .....SOU MYA M R..... of .....I..... year,  
Department of .....CHEMISTRY..... has successfully completed the Add-on  
Course / Certificate Course in .....RESEARCH METHODS AND WRITING.....  
(30 hours duration) conducted by the Department of .....CHEMISTRY..... in the  
academic year .....2017-18..... and has passed with .....B..... grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



College Seal

  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that .....ATHULYA M..... of .....I..... year,  
Department of .....CHEMISTRY..... has successfully completed the Add-on  
Course / Certificate Course in .....RESEARCH METHODS AND WRITING.....  
(30 hours duration) conducted by the Department of .....CHEMISTRY..... in the  
academic year .....2017-18..... and has passed with .....A..... grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that .....ANJANA JAMES..... of .....I..... year,  
Department of .....CHEMISTRY..... has successfully completed the Add-on  
Course / Certificate Course in .....RESEARCH METHODS AND WRITING.....  
(30 hours duration) conducted by the Department of .....CHEMISTRY..... in the  
academic year 2017-18 and has passed with .....A..... grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal



# *Department of Chemistry*

*2017-18*

## **CERTIFICATE COURSE IN WATER QUALITY ASSESSMENT**

- ❖ Quantitative estimation of Cations: Sodium, Potassium, Calcium, Magnesium and Iron
- ❖ Qualitative estimation of anions: Chloride, Sulphate, Carbonate, Bicarbonate
- ❖ Turbidity
- ❖ pH
- ❖ Conductivity
- ❖ TDS
- ❖ Presence of E. coli bacteria
- ❖ D.O, B.O.D, C.O.D

**Duration: 30 hours**

**Start Date: 12/06/2017**

*Contact: Sr. Asha Thomas*



# Minutes of BOS Meeting

Meeting held on: 8/6/2017

Agenda: Certificate course on Water Quality Assessment

## Minutes of the Meeting.

1. It was decided to conduct the certificate course on water quality assessment.
2. The course will be open to all 2<sup>nd</sup> B.Sc. Chem students.
3. The duration of the course - 30 hrs.
4. Sr. Asha Thomas will be the course coordinator.
5. The syllabus of the course will be retained as that of the of the previous year.
6. The evaluation of the course will be based on written examination.
7. The certificate will be issued to all those who complete the course successfully.

## Members present

Dr. Gigy Abraham

Dr. Anu Jose

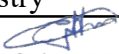
Sr. Asha Thomas

Dr. Deepthi Jose.

Deepthi

DR. GIGY ABRAHAM  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT

Department of Chemistry		
Enrollment List		
Certificate Course on Water Quality Assessment 2017-18		
Sl. No.	Name	Class
1	Anvitha Joy	III Chemistry
2	Nihila V	III Chemistry
3	Nihla Basheer	III Chemistry
4	Sangeetha Babu	III Chemistry
5	Saniga Gracious	III Chemistry
6	Sona Kuriakose	III Chemistry
7	Aghina K H	III Chemistry
8	Anagha Nandhan	III Chemistry
9	Aneena T	III Chemistry
10	Anjusha M	III Chemistry
11	Ayushi Ls	III Chemistry
12	Bhagya C	III Chemistry
13	Fasna S	III Chemistry
14	Megna P	III Chemistry
15	Poornedu V C	III Chemistry
16	Rasika M	III Chemistry
17	Raveena Venugopal	III Chemistry
18	Reshma K M	III Chemistry
19	Savitha K M	III Chemistry
20	Shilpa A	III Chemistry
21	Sneha I M	III Chemistry
22	Vaishnavi N	III Chemistry
23	Aiswarya Sivanandhan	III Chemistry
24	Aiswarya E	III Chemistry
25	Aleena Isbael Antony	III Chemistry
26	Anisha Mathew	III Chemistry
27	Anjana Vijayan	III Chemistry
28	Ann Theres	III Chemistry
29	Athira P	III Chemistry
30	Deeshma C	III Chemistry
31	Dhrisya Sathyan	III Chemistry
32	Fathima Shahana M P	III Chemistry
33	Jisna George	III Chemistry
34	Livila TC	III Chemistry
35	Merin B Varghese	III Chemistry
36	Sidha J H	III Chemistry
37	Thamjeeda Parveen P. P	III Chemistry

  
 DR. GIGY ABRAHAM  
 ASSOCIATE PROFESSOR & HEAD  
 DEPT. OF CHEMISTRY  
 PROVIDENCE WOMEN'S COLLEGE  
 CALICUT



## **DEPARMENT OF CHEMISTRY**

### **CERTIFICATE COURSE IN WATER QUALITY ASSESSMENT**

**Total Hours:30**

#### **Module I: Introduction (5 hours)**

Water resources: ground water and surface water, Importance of water and water quality, water cycle, water scarcity, common water quality problems of Kerala

Water pollution: Sources - sewage, industrial effluents, soaps and detergents, pesticides, fertilizers, heavy metals

Need for water quality monitoring

Water quality parameters: OD, BOD, COD, pH, Colour, Odour, Temperature,

Microbiological parameters, Cations and anions from dissolved minerals

Water quality standards: drinking water

#### **Module II: Water Quality Assessment (12 hours)**

Practical/Laboratory training sessions on the following

- Physical parameters-temperature, pH, conductivity, colour, turbidity, total dissolved solids
- Chemical parameters-acidity/alkalinity, total hardness, chloride, sulphate, phosphate, nitrate, DO BOD COD,
- Bacteriological analysis

#### **Module III: Purification of Water (6 hours)**

- Potable Water: pre-treatment, coagulation, filtration, disinfection, storage & supply
- Demineralization & desalination
- Industrial waste water treatment

#### **Module IV: Control of Water Pollution (2 hours)**

#### **Module V: Instrumental Methods in Water Quality Assessment & Management (5 hours)**

- Photoelectric Colourimeter
- Atomic absorption spectrophotometer
- Gas-liquid chromatography
- Ion-selective electrodes
- Isotopic analysis

#### **References**

1. R. Ramesh & M. Anbu, Chemical methods for Environmental Analysis: Water and Sediment, Madras Macmillan.
2. B.K. Sharma, Instrumental methods of chemical analysis, Krishna Publication Media (P) Ltd. Meerut.
3. S.S. Dara, A Textbook of Environmental Chemistry and Pollution Control, 8<sup>th</sup> Edition, S. Chand and Sons, New Delhi
4. B.K. Sharma and H. Kaur, Environmental Chemistry, Goel Publishing House, Meerut.



DR. GIGY ABRAHAM  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT

III. २९

6

5

[illegible]



35. Martin B. Margolis PR PR PR PR PR PR PR a PR PR PR PR PR PR  
36. Linda J. M... mo mo mo mo a mo mo mo mo mo mo mo mo  
37. Thanyada Barua by by by by by by by by by by by by by by

Students Appeared	39
Students Passed	37
Above 80%	8

DR. GIOY ABRHAM  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE HOME COLLEGE  
CALICUT

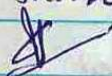
[illegible]



## Summary of the course

The dept of Chemistry, Providence Women's College had offered the certificate course on water quality assessment with the duration of 30 hrs. All the 3rd year B.Sc. Chemistry students enrolled for the course and classes were taken by Sr. Ashe Thomas. The course was started on 12-6-2017. The classes were taken after 3.15 pm. At the end of the course an exam was conducted on 15/2/2018. Out of 31 students most of them except 4 students all others passed with A & AT grade. The certificate was issued to all of them on the association's validity day by the HOD

Sr. Ashe Thomas



DR. GIGY ABRAHAM  
ASSOCIATE PROFESSOR & HEAD  
DEPT. OF CHEMISTRY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT





# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that ..... *Nihla V* ..... of ..... *III* ..... year,  
Department of ..... *Chemistry* ..... has successfully completed the Add-on  
Course / Certificate Course in ..... *Water Quality Assessment* .....  
(30 hours duration) conducted by the Department of ..... *Chemistry* ..... in the  
academic year ..... *2017-18* ..... and has passed with ..... *A* ..... grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



*AP*  
Head of the Department /  
Course Coordinator



College Seal

*Janiff*  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that ..... *Sneha I M* ..... of ..... *III* ..... year,  
Department of ..... *Chemistry* ..... has successfully completed the Add-on  
Course / Certificate Course in ..... *Water Quality Assessment* .....  
(30 hours duration) conducted by the Department of ..... *Chemistry* ..... in the  
academic year ..... *2017-18* ..... and has passed with ..... *A* ..... grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



*AS*  
Head of the Department /  
Course Coordinator



College Seal

*Janiff*  
Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that ..... *Meghna P* ..... of ..... *III* ..... year,  
Department of ..... *Chemistry* ..... has successfully completed the Add-on  
Course / Certificate Course in ..... *Water Quality Assessment* .....  
(30 hours duration) conducted by the Department of ..... *Chemistry* ..... in the  
academic year ..... *2017-18* ..... and has passed with ..... *B* ..... grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



*AP*  
Head of the Department /  
Course Coordinator



College Seal

*Principal*  
Principal

PROVIDENCE WOMEN'S COLLEGE  
DEPARTMENT OF COMMERCE

CERTIFICATE COURSE 2017-18  
TALLY ERP-9

COURSE DURATION: 40 HOURS






## PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9

DEPARTMENT OF Commerce

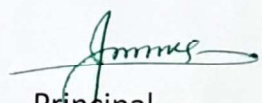
MINUTES OF THE DEPT COUNCIL HELD ON 4/07/2017

As per the minutes of the meeting held on 04/07/2017 the Dept of Commerce has decided to conduct a certificate course on Tally ERP-9 for the students of B.Com (UG/PG), for a duration of 40 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1. Ninikala. k (Chairperson) 
2. Shiji. P (Member) 
3. Shaswathi. T (Member) 
4. Abhishek. J. S (External Member)

This has been envisaged to enrich the curriculum.

  
Principal



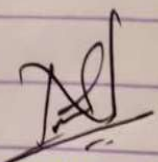
Providence Women's College  
**Dr. Sr. Jaseena Joseph**  
Principal (PEN 470173)  
Providence Women's College  
Kozhikode - 673 009



Tally - ERP. 9 2017-18 Batch

List of Students Enrolled

Name of The Student.	Students Sign
1 Anisha. k k	Anisha
2 Lakshmipriya. k	Lakshmipriya
3 Anamika. C	Anamika
4 Anjali. C. M	Anjali
5 Arya. T P	Arya
6 Renju. Maria Jose	Renju
7 Rose Maria Augustine	Rose Maria
8 Mansa. T. Ansel	Mansa
9 Meghna Sunil	Meghna
10 Aiswarya. T	Aiswarya
11 Arunya. C	Arunya
12 Deepthi. M	Deepthi
13 Athulya Mathew	Athulya
14 Alenteeno Sebastian	Alenteeno
15 Delona Savio	Delona
16 Adithya T. M	Adithya
17 Jabana. k. P	Jabana
18 Sanumol Elizabeth.	Sanumol



HEAD OF THE DEPARTMENT OF COMMERCE  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009

# Certificate Course : Tally ERP 9

## COURSE SYLLABUS

### LEARN TALLY.ERP9 -40 HOURS

#### 1. BASICS OF ACCOUNTING

- INTRODUCTION
- ACCOUNTING CONCEPTS PRINCIPLES AND CONVENTIONS
- DOUBLE ENTRY SYSTEM OF BOOK KEEPING
- RULES OF ACCOUNTING
- MODE OF ACCOUNTING
- CHART OF ACCOUNT
- FINANCIAL STATEMENTS
- TRANSACTIONS

#### 2. BUSINESS ORGANISATIONS

- INTRODUCTION
- FORMS OF BUSINESS ORGANISATIONS
- CLASSIFICATIONS OF BUSINESS ORGANISATION

#### 3. ACCOUNTING ON COMPUTERS

- INTRODUCTION
- COMPUTERISED ACCOUNTING

#### 4. TALLY. ERP9 FUNDAMENTALS

- INTRODUCTION
- TALLY.ERP9 START UP
- SETTING UP OF COMPANY
- COMPANY FEATURES
- CONFIGURATIONS
- SETTING UP ACCOUNT HEADS
- GROUPS & LEDGERS
- VOUCHER TYPE
- ACCOUNTING VOUCHERS

HEAD OF THE DEPARTMENT OF COMMERCE  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009

**NINIKALA. K**  
Asst. Professor

Dr. C. J. College  
Providence A  
Calicut - 673 009

## **5. INTRODUCTION OF TRADING ORGANISATIONS**

- INTRODUCTION
- ACCOUNTING AND COMMERCIAL TERMS
- INVENTORY
- INVENTORY VALUATION
- INVENTORY SYSTEMS
- INVENTORY LEVELS

## **6. ACCOUNTING FOR TRADING ORGANISATIONS**

- INTRODUCTION
- SETTING AND RECORDING TRANSACTIONS

## **7. GENERATING AND PRINTING REPORTS**

- INTRODUCTION
- FINANCIAL STATEMENT
- ACCOUNTING BOOK & REGISTERS
- INVENTORY BOOKS & REPORTS
- STATEMENT OF ACCOUNTS
- STATEMENT OF INVENTORY
- MIS REPORTS IN TALLY.ERP9
- BUDGETING & CONTROL
- SCENARIO MANAGEMENT
- BANK RECONCILIATION STATEMENT
- EXCEPTION REPORTS
- PRINTING REPORTS

## **8. GENERATING STATUTORY REPORTS IN TALLY.ERP 9**

- VAT
- CST
- TDS

## **9. INTRODUCTION TO SERVICE ORGANISATION**

## **10. ACCOUNTING FOR SERVICE ORGANISATION**

- SETTING UP NEW COMPANY
- RECORDING TRANSACTION



## 11. GENERATING & PRINTING REPORTS

- FINANCIAL STATEMENT
- ACCOUNTING BOOK & REGISTERS
- STATEMENT OF ACCOUNTS
- MIS REPORTS
- EXCEPTION REPORTS
- PRINTING REPORTS

## 12. GENERATING STATUTORY REPORTS

- SERVICE TAX COMPUTATION
- SERVICE TAX PAYABLES
- INPUT CREDIT SUMMARY
- ST- 3 RETURNS
- E- FILING
- EXCEPTION REPORTS



HEAD OF THE DEPARTMENT OF COMMERCE  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009

**NINIKALA. K**  
Asst. Professor  
Dept of Commerce  
Providence Women's College  
Calicut - 673 009

# Tally 2017-18

OUT OF 50 MARKS

1.	Amisha . k.k	48
2.	Lakshmi Priya . k	45
3	Anamika . C	40
4	Anjali . C.M	40
5	Arya . T.P	44
6	Renju Maria Jose	45
7	Rose Maria Augustine	45
8	Mansa T Ansel	40
9	Meghna Sunil	50
10	Aishwarya . T	48
11	Arunya . C	44
12	Deepthi . M	40
13	Athulya Mathew	44
14	Alenteena Sebastian	42
15	Delona Savio	46
16	Adithya . T M	44
17	Jahana K P	40
18	Sanumol	48



Head of the Department

**NINIKALA. K**  
Asst. Professor  
Dept. of Commerce  
Providence Women's College  
Calicut - 673 009

**CERTIFICATE COURSE**  
*in*  
**TALLY ERP-9**  
*Offered by*  
**DEPARTMENT OF COMMERCE**  
**PROVIDENCE WOMEN'S COLLEGE**

**SUMMARY REPORT 2017-18**

The certificate course in Tally ERP-9 with duration of 40 hours was offered for B.Com. students. Shiji P. was the Course Coordinator. The entire syllabus and assessment were completed by November 2017. A total of 18 students joined the course and all scored good grades.

Sl.no.	Name of the Faculty	Designation	No. of Hours
1	Prasy V.K.	Assistant Professor	5
2	Arun P	Trainer, International Business Solution	35

  
HEAD OF THE DEPARTMENT

**NINIKALA. K**  
Asst. Professor  
Dept. of Commerce  
Providence Women's College  
Calicut - 673 009



**PROVIDENCE WOMEN'S COLLEGE, CALICUT**  
**DEPARTMENT OF COMMERCE**

---

**CERTIFICATE COURSE**

**TALLY ERP-9**

**Course Duration: 40 Hrs**

**COURSE OBJECTIVE**

- To impart knowledge regarding concepts of Financial Accounting and to familiarize the accounting software.
- To educate the student to prepare accounts using Tally software.
- To equip the students with required skill for employability in the job market.

**COURSE OUTCOMES**

- CO 1: To familiarize with the accounting software Tally ERP-9
- CO 2: To create company, enter accounting entries, reconcile bank statements, accrual adjustments, and also financial statements, etc. in Tally ERP.9 software.
- CO 3: To enhance the employability skill of the students.



HEAD OF THE DEPARTMENT

**NINIKALA. K**  
Asst. Professor  
Dept of Commerce  
Providence Women's College  
Calicut - 673 009

## TALLY

2017-18

Batch

Sl No.	NAME	5/1	14/1	5/2	20/2	26/2	5/3	28/3	21/4	2/7	4/7	11/7	14/7	19/7	21/7	2/8	9/8	16/8	6/9	11/9	13/9	14/9	21/9	28/9	4/10	11/10	25/10	22/11	21/11	13/11
1.	Anisha K.K	-	-	-	-	-	a	a	1	-	-	1	-	-	-	-	1	1	a	1	1	a	1	1	1	1	1	a	1	1
2	Lakshmi Priya .k	-	-	-	-	-	a	1	1	a	a	a	-	-	-	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3.	Anamika C	-	-	a	a	1	a	1	1	a	a	a	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	Angali EM	-	-	a	-	a	a	1	1	a	a	a	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5.	Arya T. P	1	a	-	-	1	a	1	1	a	a	a	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6.	Benji Maria Jose	1	-	-	-	a	1	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	Rose Maria Augustine	-	1	-	a	a	1	1	1	1	1	1	-	-	-	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	Mansa T. Ansal	1	-	-	-	1	1	1	1	a	a	1	-	-	-	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9.	Meghana Sunil	1	-	-	-	1	1	1	1	1	a	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10.	Aishwarya T	-	-	1	-	a	1	1	1	1	1	1	-	-	-	-	1	1	1	1	1	a	1	1	1	1	1	1	1	1
11.	Aranya C	-	-	a	-	a	1	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	Deepthi M	-	-	-	-	1	a	1	1	1	a	1	-	-	-	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13.	Aithya Mathew	a	-	-	a	1	a	1	1	1	1	1	-	-	-	a	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	Alstena Sebastian	a	-	-	a	1	a	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15.	Delona Sario	a	a	-	-	1	1	1	1	1	1	1	-	-	-	-	a	1	1	1	1	1	1	1	1	1	1	1	1	1
16	Adithya TM	-	-	-	-	1	a	a	1	a	1	1	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1
17.	Jahang K. P	-	-	-	-	1	1	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18.	Samudra	-	-	-	-	a	1	1	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1

HEAD OF THE DEPARTMENT OF COMMERCE  
PROVIDENCE WOMEN'S COLLEGE  
CALCUT - 873 018



# PROVIDENCE WOMEN'S COLLEGE


(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

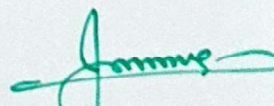
## CERTIFICATE

This is to certify that Anjali. C.M of II<sup>nd</sup> year,  
Department of Commerce has successfully completed the ~~Add-on~~  
~~Course~~ / Certificate Course in Tally ERP-9  
(30 hours duration) conducted by the Department of Commerce in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA


## CERTIFICATE

This is to certify that Lakshmi Priya K of II year,  
Department of Commerce has successfully completed the ~~Add-on~~  
~~Course~~ / Certificate Course in Tally ERP 9  
(~~40~~ hours duration) conducted by the Department of Commerce in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that Aishwarya T of II year,  
Department of Commerce has successfully completed the ~~Add-on~~  
~~Course~~ / Certificate Course in Tally ERP 9  
(~~40~~ hours duration) conducted by the Department of Commerce in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal



**PROVIDENCE WOMEN'S COLLEGE**

**DEPARTMENT OF COMPUTERSCIENCE**

**CERTIFICATE COURSE**

**ADVANCED EXCEL**



**M.SC COMPUTER SCIENCE**

**FIRST YEAR**

**2017-18**

30 hours







## **PROVIDENCE WOMEN'S COLLEGE,KOZHIKODE-9**

**DEPARTMENT OF COMPUTER SCIENCE**

**MINUTES OF THE DEPT COUNCIL HELD ON 10/9/17**

As per the minutes of the meeting held on 10/9/2017 the Department of COMPUTERSCIENCE has decided to conduct a certificate course on "Advanced Excel" for the students of FIRST YEAR (PG), for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1.SUNITHA CHACKO (Chairperson)

2.MANJUSHA K.K (Member)

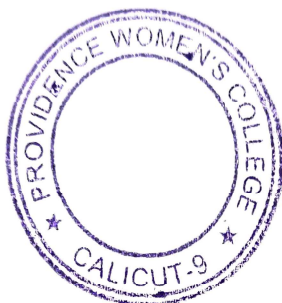
3.JISHA K (Member)

4.SAVITHA.S. V(Member)

5.SHILKA.M. V(Member)

6.Mr. ASHIQUE (External Member)

This has been envisaged to enrich the curriculum.



**Principal**


**Providence Women's College**

2017 - 2018

Msc Computer Science (1<sup>st</sup> Year)

List of students enrolled

1. ANAKA . VP
2. ANJANA . PK
3. APARNA . M
4. FEMINA . MP
5. HARITHA . M.V
6. KEERTHANA RAJEEV . K K
7. NAFINA . M.V
8. NIMMY JOSE
9. SHOWLATH . M
10. SRUTHI . KP

  
Dept. of Computer Science  
Providence Women's College  
Calicut-8

## **Syllabus:**

**M.Sc. computer science first year -Advance excel**

**Duration 30 hours**

### **Module 1**

- 1.Flash Fill
- 2 Data Tables in Excel
- 3 A Second Data Table
- 4 Excel Scenarios
- 5 Goal Seek

### **Module 2**

- 6 Absolute Cell References
- 7 Named Ranges in Excel
- 8 Create a Custom Name in Excel
- 9 More on Named Ranges
- 10 Excel Pivot Tables
- 11 Pivot Tables, Part Two

### **Module 3**

- 12 Reference other Worksheets
- 13 The LOOKUP Function
- 14 The VLOOKUP Function in Excel
- 15 Searching with MATCH and INDEX
- 16 Create a Business Invoice, Part One
- 17 Excel Business Invoice, Part Two
- 18 Business Invoice, Part Three

### **Module 4**

- 19 How to Create an Excel Template
- 20 Data Forms in Excel
- 21 Drop Down Lists in Excel
- 22 Add your own Error Messages
- 23 Array Formulas Intermediate Excel
- 24 Frequency Distribution Intermediate Excel

### **Module 5**

- 25 Hyperlinks in Excel
- 26 Object Linking and Embedding
- 27 Insert Drawing Objects



**Dept. of Computer Science  
Providence Women's College  
Calicut-9**



2017 - 2018

Msc Computer Science (I<sup>st</sup> yr)

Marks Scored

	Name	Mark	Score
1.	ANAKA . VP	46	A <sup>+</sup>
2.	ANJANA . P.K	48	A <sup>+</sup>
3.	APARNA . M	49	A <sup>+</sup>
4.	FEMINA . M.P	43	A
5.	HARITHA . H.V	45	A <sup>+</sup>
6.	KEERTHANA RAJEEV . K.V	48	A <sup>+</sup>
7.	NAFIYA . M.V	38	B
8.	NIMMY JOSE	42	A
9.	SHOWLATH . M	45	A <sup>+</sup>
10.	SRUTHI . K.P	40	A

*Signature*

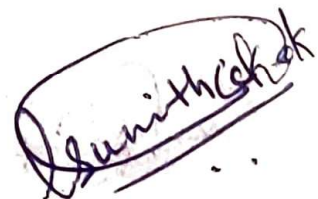
Dept. of Computer Science  
Providence Women's College  
Calicut-9

2017 - 2018

## Msc Computer Science (1<sup>st</sup> yr)

### Summary Report of Certificate Course

Department of Computer Science Conducted 30 hours duration Certificate Course in "Advanced Excel" for Msc Computer Science First Year batch 2017-2018. A total of Ten students enrolled for the course. Course Instructor [Internal] was Ms. Manjusha . k . k . Exams were conducted and students scored good marks. Certificates were distributed after the successful completion of course. The course was conducted from 12/10/17 - 29/11/17.



Dept. of Computer Science  
Providence Women's College  
Calicut-9

# I<sup>st</sup> M.SC COMPUTER SCIENCE - ADVANCED EXCEL

33

S/No	NAME	12/10/17	13/10/17	16/10/17	17/10/17	18/10/17	19/10/17	20/10/17	23/10/17	24/10/17	27/10/17	30/10/17	1/10/17	2/10/17	3/10/17	6/10/17
1	ANAKA.V.P	✓	✓	✓	/	2	/	/	/	/	/	/	/	/	/	/
2	ANJANA.P.K	✓	✓	✓	/	/	/	/	/	/	/	/	/	/	/	/
3	APARNA.M	✓	✓	/	/	/	/	/	/	/	/	/	/	/	/	/
4	FEMINA.M.P	✓	✓	/	/	/	/	/	/	/	/	/	/	/	/	/
5	HARITHA.M.V	✓	✓	/	/	/	/	/	/	/	/	/	/	/	/	/
6	KEERTANA RAJEEV.KV	✓	✓	/	/	/	/	/	/	/	/	/	/	/	/	/
1	NAFIYA.M.V	✓	✓	/	/	a	/	/	/	/	/	a	/	a	/	/
8	NIMMY JOSE	✓	✓	/	/	/	a	/	/	/	/	/	/	/	/	/
9	SHOWLATH.M	✓	✓	/	/	/	/	/	/	/	/	/	/	/	/	/
10	SRUTHI.K.P	✓	✓	/	/	/	/	/	/	/	/	/	/	/	/	/

S/No	NAME	7/11/17	8/11/17	10/11/17	13/11/17	14/11/17	15/11/17	17/11/17	20/11/17	21/11/17	22/11/17	23/11/17	24/11/17	27/11/17	28/11/17	29/11/17
1	ANAKA.V.P	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
2	ANJANA.P.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	APARNA.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	FEMINA.M.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	HARITHA.M.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	KEERTANA RAJEEV.KV	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	NAFIYA.M.V	a	/	/	/	a	/	/	a	/	/	/	a	/	/	/
8	NIMMY JOSE	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
9	SHOWLATH.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	SRUTHI.K.P.	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/

*Sunitha Chacko*

SUNITHA CHACKO.

Dept. of Computer Science  
Providence Women's College  
Calicut-9





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **ANAKA.V.P**.....

of **2017-19**. batch has successfully completed the Add-on course/Certificate Course..... **ADVANCED EXCEL**..... (30 hours duration) conducted by the Department of **Computer Science**..... in the academic year **2017-18**... and has passed with..... **A+**..... grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **ANJANA.P.K**.....

of **2017-19**. batch has successfully completed the Add-on course/Certificate Course..... **ADVANCED EXCEL**.....(30

hours duration) conducted by the Department of **Computer Science**.....in the academic year. **2017-18**...and has passed with..... **A+**.....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **APARNA.M**.....

of **2017-19**. batch has successfully completed the Add-on course/Certificate Course..... **ADVANCED EXCEL**..... (30

hours duration) conducted by the Department of **Computer Science**..... in the academic year. **2017-18**... and has passed with..... **A+**..... grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal



PROVIDENCE WOMEN'S COLLEGE  
DEPARTMENT OF COMPUTER SCIENCE  
CERTIFICATE COURSE  
M.Sc Computer Science  
BASICS OF SOFTWARE TESTING



2017-18

Second year

RESOURCE PERSON:Mr.ASIQUE

30 hours



## **PROVIDENCE WOMEN'S COLLEGE,KOZHIKODE-9**

### **DEPARTMENT OF COMPUTER SCIENCE**

#### **MINUTES OF THE DEPT COUNCIL HELD ON 1/1/18**

As per the minutes of the meeting held on 1/1/2018 the Department of COMPUTERSCIENCE has decided to conduct a certificate course on "BASICS OF SOFTWARE TESTING" for the students of SECOND YEAR (PG), for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1.SUNITHA CHACKO (Chairperson)

2.MANJUSHA K.K (Member)

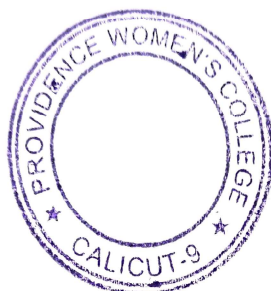
3.JISHA K (Member)

4.SAVITHA.S. V(Member)

5.SHILKA.M. V(Member)

6.Mr. ASIQUE (External Member)

This has been envisaged to enrich the curriculum.



**Principal**


**Providence Women's College**

2017 - 2018

MSc Computer Science (II<sup>nd</sup> yr)

List of students Enrolled

1. AMRUTHA K
2. ANAGHA R
3. ARARNA . M
4. ATHULYA . K . M
5. CHANDANA K V
6. DEEPTHI A
7. LUXMIPRIYA V
8. RIFAT MARIYAM M
9. SILU MEREENA . C . T
10. SWATHI . K K
11. VINDHUSHA VINOD

  
Dept. of Computer Science  
Providence Women's College  
Calicut-9



**Syllabus:**

**M.Sc. computer science SECOND YEAR**

**BASICS OF SOFTWARE TESTING**


**2017-18**

**Learning Objective:** Introduction to the fundamental concepts of software testing.

Duration 30 hours

**Topics:**

- Introduction to software testing
- Understand different testing types– unit, integration, system, sanity, smoke, interface, regression, acceptance
- Define functional and non-functional testing
- Overview of Software Development Life Cycle
- UI vs API testing
- Manual vs Automation testing
- Overview of writing test cases for UI and API



**Dept. of Computer Science  
Providence Women's College  
Calicut-9**

2017 - 2018

Msc Computer Science (II<sup>nd</sup> yr)

Marks Scored

	Name	Marks	Grade
1.	AMRITHA. K	48	A <sup>+</sup>
2.	ANAGHA. R	48	A <sup>+</sup>
3.	APARNA. M	40	A
4.	ATHULYA. K.M	45	A <sup>+</sup>
5.	CHANDANA. K.V	42	A
6.	DEEPTHI A	45	A <sup>+</sup>
7.	LUXMIPRIYA. V	46	A <sup>+</sup>
8.	RIFAT MARIYAM M	48	A <sup>+</sup>
9.	SILU MEREENA CT	46	A <sup>+</sup>
10.	SWATHI. K-K	42	A
11.	VINDHUSHA VINOD	43	A

  
Dept. of Computer Science  
Providence Women's College  
Calicut-9

2017 - 2018

## Msc Computer Science (II<sup>nd</sup> yr)

### Summary Report Of Certificate Course

Departement of Computer Science conducted a 30 hours duration Certificate Course in "Basics of Software Testing" for 2017-2018 Msc Computer Science II<sup>nd</sup> year From 2/1/18 - 20/2/18 .  
Course Instructor [Internal] was Ms. Shilka M.V  
Exam was conducted after the suffussfull completion of course an certificates were distributed.



Dept. of Computer Science  
Providence Women's College  
Calicut-9



2017-18

BASICS OF

II<sup>nd</sup>

M.Sc. COMPUTER SCIENCE

- SOFTWARE TESTING

SLNO.	NAME	2/1/18	9/1/18	9/1/18	5/1/18	8/1/18	9/1/18	10/1/18	11/1/18	12/1/18	15/1/18	16/1/18	17/1/18	22/1/18	23/1/18	29/1/18
1	AMRUTHA.K	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2	ANAGHA.R	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	APARNA.M	a	x	x	x	x	a	x	x	x	x	a	x	x	x	x
4	ATHULYA.K.M	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	CHANDANA.K.V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	DEEPTI.A	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x
7	LUXMI PRIYA.V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	RIFAT MARIYAM.M	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9	SILU MEREENA.CT	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	SWATHI.K.K	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x
11	VINDUSHA VINOD	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

SLNO.	NAME	20/1/18	1/2/18	2/2/18	5/2/18	6/2/18	7/2/18	8/2/18	9/2/18	10/2/18	12/2/18	14/2/18	15/2/18	16/2/18	19/2/18	20/2/18
1	AMRUTHA.K	x	x	x	x	x	x	x	x	x	x	x	x	a	x	x
2	ANAGHA.R	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	APARNA.M	x	a	x	x	a	x	x	x	a	x	x	x	x	a	x
4	ATHULYA.K.M	x	x	x	x	x	x	x	x	x	x	a	x	x	x	x
5	CHANDANA.K.V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	DEEPTI.A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	LUXMI PRIYA.V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	RIFAT MARIYAM.M	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9	SILU MEREENA.CT	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10	SWATHI.K.K	x	x	x	x	x	x	x	a	x	x	x	x	x	x	x
11	VINDUSHA VINOD	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Sunitha Chacko

MS. SUNITHA CHACKO

 Dept. of Computer Science  
 Providence Women's College  
 Calicut-9



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **AMRITHA.K** .....

of **2016-17.** batch has successfully completed the Add-on course/Certificate Course..... **BASICS OF SOFTWARE TESTING** .....(30

hours duration) conducted by the Department of **Computer Science** .....in the academic year **2017-18**...and has passed with..... **A+** .....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **ANAGHA.R**.....

of **2016-17..** batch has successfully completed the Add-on course/Certificate Course..... **BASICS OF SOFTWARE TESTING**.....(30

hours duration) conducted by the Department of **Computer Science**.....in the academic year **2017-18**...and has passed with.....**A+**.....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **APARNA.M**.....

of **2016-17.** batch has successfully completed the Add-on course/Certificate Course..... **BASICS OF SOFTWARE TESTING**.....(30 hours duration) conducted by the Department of **Computer Science**.....in the academic year. **2017-18**...and has passed with.....**A**.....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal

# **PROVIDENCE WOMEN'S COLLEGE**

**DEPARTMENT OF COMPUTER SCIENCE**

## **HARDWARE ASSEMBLING AND MAINTENANCE**

---

3rd year  
30 hours

**CERTIFICATE COURSE 2017-18**



## **PROVIDENCE WOMEN'S COLLEGE,KOZHIKODE-9**

**DEPARTMENT OF COMPUTER SCIENCE**

**MINUTES OF THE DEPT COUNCIL HELD ON 31/9/17**

As per the minutes of the meeting held on 31/9/2017 the Dept of COMPUTERSCIENCE has decided to conduct a certificate course on "HARDWARE ASSEMBLING AND MAINTENANCE" for the students of THIRD YEAR (UG), for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1.SUNITHA CHACKO (Chairperson)

2.MANJUSHA K.K (Member)

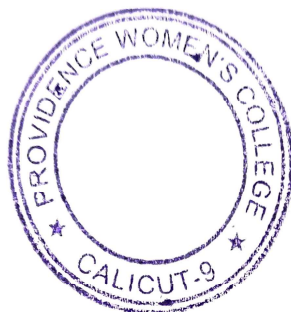
3.JISHA K (Member)

4.SAVITHA.S. V(Member)

5.SHILKA.M. V(Member)

6.Mr. Kareem (External Member)

This has been envisaged to enrich the curriculum.



**Principal**

**Providence Women's College**



List of students 2017-18

Sl.no	name
1	ABEESHNA N
2	AMRUTHA T
3	ANAGHA B S
4	ANEESHMA S PRASAD
5	ANGITHA MANI P V
6	ANITA MARIYA SHAJU
7	ANJALI K
8	APARNA P
9	ASWATHI P
10	ATHIRA M P
11	ATHIRA P A
12	ATHIRA R
13	ATHULYA M
14	DILMA P
15	ISRATH IRFANA C K
16	MIHADA ANDRU K
17	MUHSINA K
18	POOJA SUDHIRKUMAR
19	RAFIYA U K
20	SALEEGHA SANBAKH K M
21	SANA AFREEN
22	SANGEETHA S
23	SHAZIN P M
24	SRUTHI S KUMAR

*Swith chak*  
 Dept. of Computer Science  
 Providence Women's College  
 Calicut 0

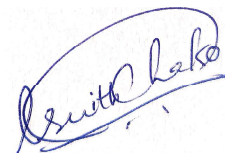
**Syllabus:**  
**B.Sc. computer science THIRD YEAR**  
**HARDWARE ASSEMBLING AND MAINTENANCE**  
**2017-18**

**OBJECTIVES**

1. To generate the Computer Hardware Professionals.

Duration 30 hours

- Assembling of a Computer
- Installation of different Operating Systems
- Installation of different device drivers
- Installation of different Application Software
- Biometric Security Device Installation and Configuration
- To Run All Dos Command (Internal and External Dos Command)
- Assembling and Disassembling Of a Computer System
- Installation of Different Operating Systems : Windows XP, Windows 7
- Troubleshooting and Repair Operating System : Windows XP, Windows 7
- Tacking Data Backup and System Formatting and OS Installation
- Installation of Different Device and Drivers PCI, PCI-E, AGP
- Installation of On Board and PCI Device Driver
- Installation of Web Camera and CCTV Camera Drivers and Software
- Installation of Application Software : Photoshop 7.0, Page Maker 6.5, CorelDraw 12
- Installation of CD-DVD Burning Software like: Nero 7.0 & PowerISO 4.0
- Installation of Tally 7.2 and Tally ERP 9.0 and Tack Data Backup
- Installation and Troubleshooting Different types of Antivirus Software
- Installation Dual Operating System like: Windows XP and Windows 7
- Installation and Troubleshooting of Printer (Dot-Matrix and Laser Printer)
- Installation and Troubleshooting of Scanner (Photo & Bar Code Scanner)
- To Repair and Troubleshooting of SMPS, Monitor, Printer and Motherboard
- To Install All Types of Connectors and Converters
- To Run All Types of Network Troubleshooting Command



**Dept. of Computer Science**  
**Providence Women's College**  
**Calicut-9**

## Mark List 2017 - 18

7/9/2017

	NAME	MARKS	GRADE
1	ABEESHNA N	40	A <i>Hanish</i>
2	AMRUTHA T	47	A <i>Prasika</i>
3	ANAGHA B.S	46	A <i>Anagha</i>
4	ANEESHMA S PRASAD	48	A <i>Prasika</i>
5	ANITA MARIYA SHASU	47	A <i>Prasika</i>
6	ANGITHA MANI P V	49	A <i>Prasika</i>
7	ANSALI K	46	A <i>Prasika</i>
8	APARNA P	50	A <i>Prasika</i>
9	ASWATHI P	48	A <i>Prasika</i>
10	ATHIRA M P	49	A <i>Prasika</i>
11	ATHIRA P A	47	A <i>Prasika</i>
12	ATHIRA R	46	A <i>Prasika</i>
13	ATHULYA M	48	A <i>Prasika</i>
14	DILMA P	46	A <i>Prasika</i>
15	ISRATH IRFANA C K	49	A <i>Prasika</i>
16	MIHADA ANDRU K	47	A <i>Prasika</i>
17	MUHSINA K	45	A <i>Musri</i>
18	POOJA SUDHIRKUMAR	48	A <i>Prasika</i>
19	RAFIYA U K	50	A <i>Prasika</i>
20	SALEEGHA SANBAKH K M	46	A <i>Prasika</i>
21	SANA AFREEN	48	A <i>Sana</i>
22	SANGEETHA S	42	A <i>Sangeetha</i>
23	SHAZIN P M	45	A <i>Prasika</i>
24	SRUTHI S KUMAR	48	A <i>Prasika</i>

Date: 7/9/2017

Name: SUNITHA CHACKO [H.O.D.]

Signature: *Sunitha*COURSE COORDINATOR *Prasika*Dept. of Computer Science  
Providence Women's College  
Gailouri-9



# Summary Report - 2017-18

## CERTIFICATE COURSE.

COURSE NAME : Hardware Assembling & Maintenance.


Date : 4/12/2017

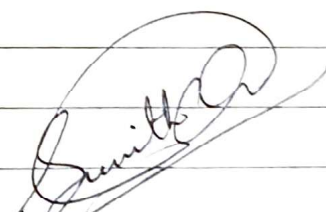
### COURSE COORDINATORS.

Ms. MANJUSHA.K.K. [Internal]

Mr. KAREEM [External]

A certificate course in "Hardware Assembling & Maintenance" was conducted for final year batch 2017-18. The total duration of course was 30 hours. Examination was conducted and certificates were distributed. Total 24 students were part of it with 90% attendance.

  
Course Coordinator

  
Dept. of Computer Science  
Providence Women's College  
Calicut-9

## 6

SL-NO

SL-NO

## 7

[illegible]

Dept. of Computer Science  
Providence Planning Center  
Cable #1



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **SANA AFREEN**.....

of **2015-18**. batch has successfully completed the Add-on course/Certificate Course..... **HARDWARE ASSEMBLING AND MAINTANANCE**.....(30 hours duration) conducted by the Department of **Computer Science**.....in the academic year. **2017-18**...and has passed with.....**A**.....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **RAFIYA.U.K**.....

of **2015-18**. batch has successfully completed the Add-on course/Certificate Course..... **HARDWARE ASSEMBLING AND MAINTANANCE**.....(30 hours duration) conducted by the Department of **Computer Science**.....in the academic year. **2017-18**...and has passed with.....**A**.....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jeslamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **ANAGHA.B.S**.....

of **2015-18**. batch has successfully completed the Add-on course/Certificate Course..... **HARDWARE ASSEMBLING AND MAINTANANCE**.....(30 hours duration) conducted by the Department of **Computer Science**.....in the academic year **2017-18**...and has passed with.....**A**.....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal

# PROVIDENCE WOMEN'S COLLEGE

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE COURSE  
2017-18

## MS OFFICE SUITE BASIC LEVEL

DURATION: 30 hrs







## **PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9**

### **DEPARTMENT OF COMPUTERSCIENCE**

#### **MINUTES OF THE DEPT COUNCIL HELD ON 8/9/17**

As per the minutes of the meeting held on 8/9/2017 the Department of COMPUTERSCIENCE has decided to conduct a certificate course on "MS. Office suite-Basic Level for the students of FIRST YEAR (UG), for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1.SUNITHA CHACKO (Chairperson)

2.MANJUSHA K.K (Member)

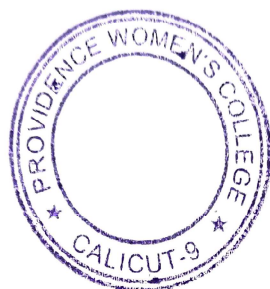
3.JISHA K (Member)

4.SAVITHA.S. V(Member)

5.SHILKA.M. V(Member)

6.Mr. Kareem (External Member)

This has been envisaged to enrich the curriculum.



Principal


Providence Women's College

List of students 2017-18 First Year

Sl No	Name	Admn No.
1	AMRUTHA MOHAN. N	865
2	ANAGHA. N P	910
3	ANAGHA. P	827
4	ANGITHA.M	860
5	ANJANA. V	844
6	ANJU KRISHNA. N	897
7	ANU ABRAHAM	825
8	APARNA. K	920
9	ARCHA RAJ	863
10	ARUNIMA. N	880
11	ARYA. E	867
12	ASHNA. T P	891
13	ATHULYA. A	851
14	CHITHRA LEKHA	817
15	CHITHU. K	924
16	FATHIMA ASHNA	900
17	GAYATHRI. R	838
18	GEETHU KRISHNA. T K	841
19	HAJAROMMABI . P A	887
20	JINSHA KRISHNARAJ	843
21	KARUNYA SAGAR. P M	849
22	KHANSA. V	822
23	LENYA. K P	926
24	MALAVIKA. N M	853
25	NAVEENA. P	901
26	PAVITHRA. P P	820
27	SARANYA P JOSHI	921
28	SHILPA SAJEEV	834
29	SHILPA. M	886
30	SREELAKSHMI. P	862
31	SREELAKSHMI. S	922
32	SRUTHI. V	912
33	SWATHI SASEENDRAN	819
34	VARSHA. P	878

List of students -Second year 2017-18

Sl No	Name	Admn No.
1	AKHILA B MENON	663
2	AKSHAYA. T	781
3	ANJALI KRISHNA. K T	671
4	ANNIMA. O	686
5	ARATHI KUNIYIL	670
6	ASHITHA. S	660
7	BRIJILA. O P	732
8	C. KAVYA	733
9	DHYANA.A P	694
10	DILNA. P	706
11	FATHIMA HANNA. N N	716
12	HARITHA. S BABU	739
13	HELA MAMU	734
14	JAZIYA. K	724
15	JIHANA GAFOOR	770
16	KRIPA. M	688
17	P. MALAVIKA	798
18	PARVATHI AJITHKUMAR	673
19	PARVATHI, M	674
20	PARVATHY CHARUROOPA	657
21	RINSHITHA SIRIN. P V	653
22	SANDRA. K	696
23	SHIBLA YUSEF. V K	756
24	SREELAKSHMI. R	675
25	SREELAKSHMI. S	681
26	VRINDHAVANA. K	705

  
 Dept. of Computer Science  
 Providence Women's College  
 Calicut-2



## **SYLLABUS 2017-18**

**COURSE NAME: MS OFFICE SUITE-BASIC LEVEL**

**COURSE DURATION: 30HRS.**

### **MS WORD**

#### **Module 1: Text Basics**

- Typing the text, Alignment of text
- Editing Text: Cut, Copy, Paste, Select All, Clear
- Find & Replace

#### **Module 2: Text Formatting and saving file**

- New, Open, Close, Save, Save As
- Formatting Text: Font Size, Font Style
- Font Color, Use the Bold, Italic, and Underline
- Change the Text Case
- Line spacing, Paragraph spacing
- Shading text and paragraph
- Working with Tabs and Indents

#### **Module 3: Working with Objects**

- Shapes, Clipart and Picture, Word Art, Smart Art
- Columns and Orderings - To Add Columns to a Document
- Change the Order of Objects
- Page Number, Date & Time
- Inserting Text boxes
- Inserting Word art
- Inserting symbols
- Inserting Chart

#### **Module 4: Header & Footers**

- Inserting custom Header and Footer
- Inserting objects in the header and footer
- Add section break to a document

#### **Module 5: Working with bullets and numbered lists**

- Multilevel numbering and Bulleting
- Creating List
- Customizing List style
- Page bordering
- Page background

#### **Module 6: Tables**

- Working with Tables, Table Formatting
- Table Styles

- Alignment option
- Merge and split option

#### **Module 7: Printing**

- Page Setup, Setting margins
- Print Preview, Print

### **MS EXCEL**

#### **Module 1: Introduction to Excel**

- Introduction to Excel interface
- Understanding rows and columns, Naming Cells
- Working with excel workbook and sheets

#### **Module 2: Formatting excel work book:**

- New, Open, Close, Save, Save As
- Formatting Text: Font Size, Font Style
- Font Color, Use the Bold, Italic, and Underline
- Wrap text, Merge and Centre
- Currency, Accounting and other formats
- Modifying Columns, Rows & Cells

#### **Module 2: Perform Calculations with Functions**

- Creating Simple Formulas
- Setting up your own formula
- Date and Time Functions, Financial Functions
- Logical Functions, Lookup and Reference
- Functions Mathematical Functions
- Statistical Functions, Text Functions.

#### **Module 3: Sort and Filter Data with Excel**

- Sort and filtering data
- Using number filter, Text filter
- Custom filtering
- Removing filters from columns
- Conditional formatting



Dept. of Computer Science  
 Providence Women's College  
 Calicut-9

2017-18

25/10/18

List of students Enrolled and marks scored  
Batches [2<sup>nd</sup>cs + 1<sup>st</sup>cs] MS office suite - Basic level

Sl.No	Student Name	Marks	Sl.No	Student Name	Marks
1	C. Kavya	48	1	ANGITHA.M	50
2	Hela Mamu	46	2	CHITRA LEKHA	47
3	SREELAKSHMI.S	47	3	FATHIMA ASHNA	46
4	AKHILA.B.MENON	45	4	HAJAROMMABI.P.A	45
5	AKSHAYA.T	45	5	KHANZA.V	46
6	ANJALI KRISHNA.T	49	6	AMRUTHAMOCHAN.N	49
7	ANNIMA.O	50	7	ANAGHA.P	49
8	BRIJILA O.P	50	8	CHITHU.K	50
9	PARVATHY CHARUROOPA	49	9	GEETHU KRISHNA.T.K	47
10	SREELAKSHMI.R	48	10	JINSHA KRISHNARAJ	46
11	ARATHI KUNIVIL	49	11	PAVITRA.P.P	48
12	ASHITHA.S	47	12	SREELAKSHMI.S	48
13	DHYANA.A.P	46	13	SRUTHI.V	47
14	DILNA.P	45	14	ANAGHA.N.P	46
15	FATHIMA HANNA.N.N	45	15	ANJANA.V	47
16	HARITHA.S.BABU	46	16	ANU ABRAHAM	48
17	JAZIYA.K	46	17	ANJU KRISHNA.N	47
18	JIHANA GAFOOR	50	18	APARNA.K	45
19	KRIPA.M	48	19	ARCHA RAJ	47
20	PARVATHY AJITH KUMAR.P	50	20	ARUNIMA.N	45
21	PARVATHI.M	47	21	ARVA.E	47
22	P. MALAVIKA	47	22	ASHNA.T.P	45
23	RINSHITHA SHIRIN.P.V	46	23	ATHULYA.A	47
24	SANDRA.K	46	24	GAYATHRI.R	48
25	SHIBLA YUSEF.V.K	46	25	KARUNYA SAGAR.P.M	48
26	VRINDAVANA.K	47	26	LENYA.K.P	49
			27	MALAVIKA.N.M	49
			28	NAVEENA.P	48
			29	SARANYA.P.JOSHI	48



Sino.	Student Name	Marks.
30	SHILPA . M	49
31	SHILPA SAJEEV	47
32	SREE LAKSHMI . P	50
33	SWATHI SASEENDRAN	49
34	VARSHA . P	47

  
MS. SMITHA CHACKO.  
Dept. of Computer Science  
Providence Women's College  
Calicut-9

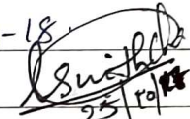
5/10/17

## Summary Report. 1st yr cs Certificate Course - Ms. Office suite [Basic level]

Department of CS. decided to provide a Certificate course in Ms. Office Suite [Basic level] for students of Second yr computer science and First year computer science. A total of 34 students enrolled for the program. Entry level exams were conducted and students scored good score. Curriculum was discussed and decided with basic level Ms. Word & Ms. Excel. More than 95% attendance were obtained. The internal course instructor was Ms. Manjusha-K.K. A total duration of 30 hours was designed for this course. The course was planned from mid of Sept 2017-18.

Date - 25/10/2017

Place - CALICUT / PWC

Signature - 

Name - SUNITHA CHACKO

25/10/17

## Summary Report. [2nd yr cs]

Certificate course - MS. Office Suite [Basic level]

Second yr students of computer science were offered a certificate course in MS. Office Suite [Basic level]. 26 students enrolled for the program. Classes were of 30 hours duration. Classes began from 2/7/2017 to 14/8/2017. 90% attendance were secured and certificates were distributed. Course Instructor was Ms. Manjusha - K.K [Internal]

Date - 25/10/17.

Place - Calicut

Dept. of Computer Science  
Providence Women's College  
Calicut-9



SL.NO NAME

SL.NO	NAME	17/10/17	17/11/17	17/12/17	18/01/18	18/02/18	18/03/18	18/04/18	18/05/18	18/06/18	18/07/18	18/08/18	18/09/18	18/10/18	18/11/18	18/12/18	19/01/19	19/02/19	19/03/19	19/04/19	19/05/19	19/06/19	19/07/19	19/08/19	19/09/19	19/10/19	19/11/19	19/12/19	20/01/20	20/02/20	20/03/20	20/04/20	20/05/20	20/06/20	20/07/20	20/08/20	20/09/20	20/10/20	20/11/20	20/12/20	21/01/21	21/02/21	21/03/21	21/04/21	21/05/21	21/06/21	21/07/21	21/08/21	21/09/21	21/10/21	21/11/21	21/12/21	22/01/22	22/02/22	22/03/22	22/04/22	22/05/22	22/06/22	22/07/22	22/08/22	22/09/22	22/10/22	22/11/22	22/12/22	23/01/23	23/02/23	23/03/23	23/04/23	23/05/23	23/06/23	23/07/23	23/08/23	23/09/23	23/10/23	23/11/23	23/12/23	24/01/24	24/02/24	24/03/24	24/04/24	24/05/24	24/06/24	24/07/24	24/08/24	24/09/24	24/10/24	24/11/24	24/12/24	25/01/25	25/02/25	25/03/25	25/04/25	25/05/25	25/06/25	25/07/25	25/08/25	25/09/25	25/10/25	25/11/25	25/12/25	26/01/26	26/02/26	26/03/26	26/04/26	26/05/26	26/06/26	26/07/26	26/08/26	26/09/26	26/10/26	26/11/26	26/12/26	27/01/27	27/02/27	27/03/27	27/04/27	27/05/27	27/06/27	27/07/27	27/08/27	27/09/27	27/10/27	27/11/27	27/12/27	28/01/28	28/02/28	28/03/28	28/04/28	28/05/28	28/06/28	28/07/28	28/08/28	28/09/28	28/10/28	28/11/28	28/12/28	29/01/29	29/02/29	29/03/29	29/04/29	29/05/29	29/06/29	29/07/29	29/08/29	29/09/29	29/10/29	29/11/29	29/12/29	30/01/30	30/02/30	30/03/30	30/04/30	30/05/30	30/06/30	30/07/30	30/08/30	30/09/30	30/10/30	30/11/30	30/12/30	31/01/31	31/02/31	31/03/31	31/04/31	31/05/31	31/06/31	31/07/31	31/08/31	31/09/31	31/10/31	31/11/31	31/12/31	1/01/32	1/02/32	1/03/32	1/04/32	1/05/32	1/06/32	1/07/32	1/08/32	1/09/32	1/10/32	1/11/32	1/12/32	2/01/33	2/02/33	2/03/33	2/04/33	2/05/33	2/06/33	2/07/33	2/08/33	2/09/33	2/10/33	2/11/33	2/12/33	3/01/34	3/02/34	3/03/34	3/04/34	3/05/34	3/06/34	3/07/34	3/08/34	3/09/34	3/10/34	3/11/34	3/12/34	4/01/35	4/02/35	4/03/35	4/04/35	4/05/35	4/06/35	4/07/35	4/08/35	4/09/35	4/10/35	4/11/35	4/12/35	5/01/36	5/02/36	5/03/36	5/04/36	5/05/36	5/06/36	5/07/36	5/08/36	5/09/36	5/10/36	5/11/36	5/12/36	6/01/37	6/02/37	6/03/37	6/04/37	6/05/37	6/06/37	6/07/37	6/08/37	6/09/37	6/10/37	6/11/37	6/12/37	7/01/38	7/02/38	7/03/38	7/04/38	7/05/38	7/06/38	7/07/38	7/08/38	7/09/38	7/10/38	7/11/38	7/12/38	8/01/39	8/02/39	8/03/39	8/04/39	8/05/39	8/06/39	8/07/39	8/08/39	8/09/39	8/10/39	8/11/39	8/12/39	9/01/40	9/02/40	9/03/40	9/04/40	9/05/40	9/06/40	9/07/40	9/08/40	9/09/40	9/10/40	9/11/40	9/12/40	10/01/41	10/02/41	10/03/41	10/04/41	10/05/41	10/06/41	10/07/41	10/08/41	10/09/41	10/10/41	10/11/41	10/12/41	11/01/42	11/02/42	11/03/42	11/04/42	11/05/42	11/06/42	11/07/42	11/08/42	11/09/42	11/10/42	11/11/42	11/12/42	12/01/43	12/02/43	12/03/43	12/04/43	12/05/43	12/06/43	12/07/43	12/08/43	12/09/43	12/10/43	12/11/43	12/12/43	13/01/44	13/02/44	13/03/44	13/04/44	13/05/44	13/06/44	13/07/44	13/08/44	13/09/44	13/10/44	13/11/44	13/12/44	14/01/45	14/02/45	14/03/45	14/04/45	14/05/45	14/06/45	14/07/45	14/08/45	14/09/45	14/10/45	14/11/45	14/12/45	15/01/46	15/02/46	15/03/46	15/04/46	15/05/46	15/06/46	15/07/46	15/08/46	15/09/46	15/10/46	15/11/46	15/12/46	16/01/47	16/02/47	16/03/47	16/04/47	16/05/47	16/06/47	16/07/47	16/08/47	16/09/47	16/10/47	16/11/47	16/12/47	17/01/48	17/02/48	17/03/48	17/04/48	17/05/48	17/06/48	17/07/48	17/08/48	17/09/48	17/10/48	17/11/48	17/12/48	18/01/49	18/02/49	18/03/49	18/04/49	18/05/49	18/06/49	18/07/49	18/08/49	18/09/49	18/10/49	18/11/49	18/12/49	19/01/50	19/02/50	19/03/50	19/04/50	19/05/50	19/06/50	19/07/50	19/08/50	19/09/50	19/10/50	19/11/50	19/12/50	20/01/51	20/02/51	20/03/51	20/04/51	20/05/51	20/06/51	20/07/51	20/08/51	20/09/51	20/10/51	20/11/51	20/12/51	21/01/52	21/02/52	21/03/52	21/04/52	21/05/52	21/06/52	21/07/52	21/08/52	21/09/52	21/10/52	21/11/52	21/12/52	22/01/53	22/02/53	22/03/53	22/04/53	22/05/53	22/06/53	22/07/53	22/08/53	22/09/53	22/10/53	22/11/53	22/12/53	23/01/54	23/02/54	23/03/54	23/04/54	23/05/54	23/06/54	23/07/54	23/08/54	23/09/54	23/10/54	23/11/54	23/12/54	24/01/55	24/02/55	24/03/55	24/04/55	24/05/55	24/06/55	24/07/55	24/08/55	24/09/55	24/10/55	24/11/55	24/12/55	25/01/56	25/02/56	25/03/56	25/04/56	25/05/56	25/06/56	25/07/56	25/08/56	25/09/56	25/10/56	25/11/56	25/12/56	26/01/57	26/02/57	26/03/57	26/04/57	26/05/57	26/06/57	26/07/57	26/08/57	26/09/57	26/10/57	26/11/57	26/12/57	27/01/58	27/02/58	27/03/58	27/04/58	27/05/58	27/06/58	27/07/58	27/08/58	27/09/58	27/10/58	27/11/58	27/12/58	28/01/59	28/02/59	28/03/59	28/04/59	28/05/59	28/06/59	28/07/59	28/08/59	28/09/59	28/10/59	28/11/59	28/12/59	29/01/60	29/02/60	29/03/60	29/04/60	29/05/60	29/06/60	29/07/60	29/08/60	29/09/60	29/10/60	29/11/60	29/12/60	30/01/61	30/02/61	30/03/61	30/04/61	30/05/61	30/06/61	30/07/61	30/08/61	30/09/61	30/10/61	30/11/61	30/12/61	31/01/62	31/02/62	31/03/62	31/04/62	31/05/62	31/06/62	31/07/62	31/08/62	31/09/62	31/10/62	31/11/62	31/12/62	1/01/63	1/02/63	1/03/63	1/04/63	1/05/63	1/06/63	1/07/63	1/08/63	1/09/63	1/10/63	1/11/63	1/12/63	2/01/64	2/02/64	2/03/64	2/04/64	2/05/64	2/06/64	2/07/64	2/08/64	2/09/64	2/10/64	2/11/64	2/12/64	3/01/65	3/02/65	3/03/65	3/04/65	3/05/65	3/06/65	3/07/65	3/08/65	3/09/65	3/10/65	3/11/65	3/12/65	4/01/66	4/02/66	4/03/66	4/04/66	4/05/66	4/06/66	4/07/66	4/08/66	4/09/66	4/10/66	4/11/66	4/12/66	5/01/67	5/02/67	5/03/67	5/04/67	5/05/67	5/06/67	5/07/67	5/08/67	5/09/67	5/10/67	5/11/67	5/12/67	6/01/68	6/02/68	6/03/68	6/04/68	6/05/68	6/06/68	6/07/68	6/08/68	6/09/68	6/10/68	6/11/68	6/12/68	7/01/69	7/02/69	7/03/69	7/04/69	7/05/69	7/06/69	7/07/69	7/08/69	7/09/69	7/10/69	7/11/69	7/12/69	8/01/70	8/02/70	8/03/70	8/04/70	8/05/70	8/06/70	8/07/70	8/08/70	8/09/70	8/10/70	8/11/70	8/12/70	9/01/71	9/02/71	9/03/71	9/04/71	9/05/71	9/06/71	9/07/71	9/08/71	9/09/71	9/10/71	9/11/71	9/12/71	10/01/72	10/02/72	10/03/72	10/04/72	10/05/72	10/06/72	10/07/72	10/08/72	10/09/72	10/10/72	10/11/72	10/12/72	11/01/73	11/02/73	11/03/73	11/04/73	11/05/73	11/06/73	11/07/73	11/08/73	11/09/73	11/10/73	11/11/73	11/12/73	12/01/74	12/02/74	12/03/74	12/04/74	12/05/74	12/06/74	12/07/74	12/08/74	12/09/74	12/10/74	12/11/74	12/12/74	13/01/75	13/02/75	13/03/75	13/04/75	13/05/75	13/06/75	13/07/75	13/08/75	13/09/75	13/10/75	13/11/75	13/12/75	14/01/76	14/02/76	14/03/76	14/04/76	14/05/76	14/06/76	14/07/76	14/08/76	14/09/76	14/10/76	14/11/76	14/12/76	15/01/77	15/02/77	15/03/77	15/04/77	15/05/77	15/06/77	15/07/77	15/08/77	15/09/77	15/10/77	15/11/77	15/12/77	16/01/78	16/02/78	16/03/78	16/04/78	16/05/78	16/06/78	16/07/78	16/08/78	16/09/78	16/10/78	16/11/78	16/12/78	17/01/79	17/02/79	17/03/79	17/04/79	17/05/79	17/06/79	17/07/79	17/08/79	17/09/79	17/10/79	17/11/79	17/12/79	18/01/80	18/02/80	18/03/80	18/04/80	18/05/80	18/06/80	18/07/80	18/08/80	18/09/80	18/10/80	18/11/80	18/12/80	19/01/81	19/02/81	19/03/81	19/04/81	19/05/81	19/06/81	19/07/81	19/08/81	19/09/81	19/10/81	19/11/81	19/12/81	20/01/82	20/02/82	20/03/82	20/04/82	20/05/82	20/06/82	20/07/82	20/08/82	20/09/82	20/10/82	20/11/82	20/12/82	21/01/83	21/02/83	21/03/83	21/04/83	21/05/83	21/06/83	21/07/83	21/08/83	21/09/83	21/10/83	21/11/83	21/12/83	22/01/84	22/02/84	22/03/84	22/04/84	22/05/84	22/06/84	22/07/84	22/08/84	22/09/84	22/10/84	22/11/84	22/12/84	23/01/85	23/02/85	23/03/85	23/04/85	23/05/85	23/06/85	23/07/85	23/08/85	23/09/85	23/10/85	23/11/85	23/12/85	24/01/86	24/02/86	24/03/86	24/04/86	24/05/86	24/06/86	24/07/86	24/08/86	24/09/86	24/10/86	24/11/86	24/12/86	25/01/87	25/02/87	25/03/87	25/04/87	25/05/87	25/06/87	25/07/87	25/08/87	25/09/87	25/10/87	25/11/87	25/12/87	26/01/88	26/02/88	26/03/88	26/04/88	26/05/88	26/06/88	26/07/88	26/08/88	26/09/88	26/10/88	26/11/88	26/12/88	27/01/89	27/02/89	27/03/89	27/04/89	27/05/89	27/06/89	27/07/89	27/08/89	27/09/89	27/10/89	27/11/89	27/12/89	28/01/90	28/02/90	28/03/90	28/04/90	28/05/90	28/06/90	28/07/90	28/08/90	28/09/90	28/10/90	28/11/90	28/12/90	29/01/91	29/02/91	29/03/91	29/04/91	29/05/91	29/06/91	29/07/91	29/08/91	29/09/91	29/10/91	29/11/91	29/12/91	30/01/92	30/02/92	30/03/92	30/04/92	30/05/92	30/06/92	30/07/92	30/08/92	30/09/92	30/10/92	30/11/92	30/12/92	31/01/93	31/02/93	31/03/93	31/04/93	31/05/93	31/06/93	31/07/93	31/08/93	31/09/93	31/10/93	31/11/93	31/12/93	1/01/94	1/02/94	1/03/94	1/04/94	1/05/94	1/06/94	1/07/94	1/08/94	1/09/94	1/10/94	1/11/94	1/12/94	2/01/95	2/02/95	2/03/95	2/04/95	2/05/95	2/06/95	2/07/95	2/08/95	2/09/95	2/10/95	2/11/95	2/12/95	3/01/96	3/02/96	3/03/96	3/04/96	3/05/96	3/06/96	3/07/96	3/08/96	3/09/96	3/10/96	3/11/96	3/12/96
-------	------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

CERTIFICATE COURSE  
MS. Office - 2nd yr CS. 2017-18

MS. OFFICE SUITE - BASIC LEVEL.

[illegible][illegible]

Dept. of Computer Science  
Providence Women's College  
Calicut-9



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **Chithu.k**

of **2017-20** batch has successfully completed the Add-on course/Certificate Course..... **MS.office-Basic level**.....(30 hours duration) conducted by the Department of **Computer science**.....in the academic year. **2017-18**...and has passed with..... **A+**.....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **C.kavya** .....

of **2016-19**. batch has successfully completed the Add-on course/Certificate Course..... **MS.office-Basic level** .....(30 hours duration) conducted by the Department of **Computer science** .....in the academic year. **2017-18**...and has passed with..... **A+** .....grade. She has also proved her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal

# **Department of Economics**

Providence Women's College, Calicut

Re-accredited by NAAC with A+ grade

2017-18

## **CERTIFICATE COURSE ON BASICS IN MS OFFICE**

**CONTACT HOURS : 30 HOUR**

**Duration : 6 months**

### **Coordinator**

Dr Vidya K.T

Assistant professor

Department of Economics

Providence Women's College



## PROVIDENCE WOMEN'S COLLEGE,KOZHIKODE-9

### DEPARTMENT OF ECONOMICS

#### MINUTES OF THE DEPT COUNCIL HELD ON 3/ 6/2017

As per the minutes of the meeting held on 3/6/2017 the Department of Economics has decided to conduct a certificate course on Spoken English for the first year students, Introduction to share market for the second year students and Basics in M S Office for the students of III Economics UG, for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

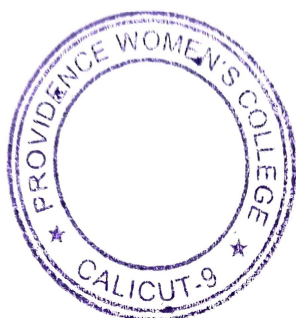
(Name & Signature)

1 Sr.Sheeba Andrews ( Chairperson)

2. K T Vidya (Member)

3 Anns Stephen (Member)

This has been envisaged to enrich the curriculum.



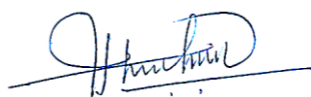
Principal

Providence Women's College



**BASICS IN M S OFFICE  
ENROLLMENT LIST 2017-18  
DEPARTMENT OF ECONOMICS**

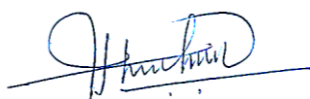
<b>III YEAR ECONOMICS 2017-18</b>			
<b>SI No</b>	<b>Name</b>	<b>Admn No.</b>	<b>Enrolled</b>
1	AISWARYA G	34076	24-07-2015
2	AISWARYA T	34331	24-08-2015
3	AKHILA P	34184	08-10-2015
4	ALPHONSA SANTY	33998	23-07-2015
5	AMALA MARGARET K	34024	23-07-2015
6	AMELDA BABY	33994	23-07-2015
7	AMINA FEBIN	34265	08-10-2015
8	AMINA SAIDA M K	34196	08-06-2015
9	AMRITHA ALOSIOUS	34353	23-09-2015
10	AMRUTHA ANIL	33916	21-07-2015
11	AMRUTHA C	34334	09-08-2015
12	ANAGHA E	34105	25-07-2015
13	ANAGHA M	34394	10-09-2015
14	ANAGHA S	33988	23-07-2015
15	ANJALI T	34235	08-06-2015
16	APARNA N P	34417	08-06-2015
17	ARCHITA DAS	33980	23-07-2015
18	ARUNIMA M B	3965	22-07-2015
19	ASWATHI A T	34159	31-07-2015
20	ASWATHI M	34015	23-07-2015
21	ASWATHI VIJAYAN P	34195	08-06-2015
22	ASWATHY A P	34209	08-06-2015
23	ATHIRA N	34122	25-07-2015
24	AYANA ANN MARY	33864	13-07-2015
25	BINEESHA C	34385	10-07-2015
26	FATHEMA LUTHA N	34317	17-08-2015
27	FATHIMA	34127	25-07-2015



DR. SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

**BASICS IN M S OFFICE  
ENROLLMENT LIST 2017-18  
DEPARTMENT OF ECONOMICS**

28	FATHIMA HUDHA C P	34109	25-07-2015
29	FATHIMA NITHASHA K K	34233	08-06-2015
30	FATHIMA SAFEENA K P	34266	08-10-2015
31	HADIYA M	34120	25-07-2015
32	HANNA PARVIN C P	34171	08-03-2015
33	HARITHA P A	34169	08-03-2015
34	JALI C M	33925	21-07-2015
35	JASEETHA. C.	34088	21-07-2015
36	JASMINE JOSE	34042	08-07-2015
37	JESHINA JOHN	34103	25-07-2015
38	JINCY K M	34347	22-09-2015
39	JOICY GEORGE	33996	23-07-2015
40	JYOTHIMOL JOSEPH	33881	14-07-2015
41	KRISHNA SUJITH	33844	13-07-2015
42	MEGHA N	34166	08-03-2015
43	MIDHUNA K	34259	08-10-2015
44	PRIYANKA R	34415	19-10-2015
45	SHAMLU K K	33942	21-07-2015
46	SHANATE GEORGE	34286	08-11-2015
47	SHIFANA T K	34186	08-06-2015
48	SHRIYA SHAJEEVAN O	34272	08-10-2015
49	SNEHA C	34158	31-07-2015
50	SOBHANA G	34131	25-07-2015
51	SREELAKSHMI K P	33913	21-07-2015
52	SRUTHI N K	34220	08-06-2015
53	SWATHI K K	33956	21-07-2015
54	TEENA WILSON	34342	16-09-2015
55	THUSHARA T	34240	08-06-2015
56	VYSHNAVI K M	34296	08-11-2015
57	ZULFATH C T	34239	08-06-2015



DR. SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

# CERTIFICATE COURSE Basics in M S Office

---

*Offered by Department of Economics*

**Contact Hours :30**

## **Syllabus**

*Objective: To impart basic computer skill with practical application . To familiarise students with the use of mathematical and statistical tools for enabling them to do the data analysis for the U G project*

### **Module 1**

#### **M S Word**

Creating a document, editing and alignment. Inserting table, graph, and object- Mail merge-Reference

### **Module 2**

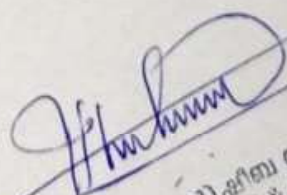
#### **M S Excel**

Measuring central tendency, dispersion and indices. Inserting graphical figures, correlation, Data sorting, formatting numbers, pivot table

### **Module 3**

#### **M S Powerpoint**

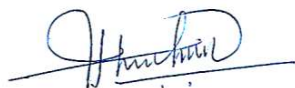
Use of animation, slide show, inserting of object, presentation with voice record

  
ഡോ. (സിസ്റ്റം) ജി. ബി. ആന്റണി  
അസിസ്റ്റന്റ് പ്രൊഫസർ & വകുപ്പ് മേധാവി  
സാമ്പത്തിക ശാസ്ത്ര വിഭാഗം  
പ്രൊവിഡൻസ് വിദ্যালയം  
കോഴിക്കോട് - 9



# MARK LIST FOR THE CERTIFICATE COURSE ON “BASICS OF MS OFFICE” 2017-18

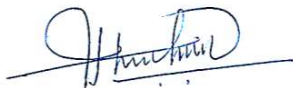
NAME	(75)THEORY	(25)PRACTICAL	(100)TOTAL
1. AISWARYA G	70	25	95
2. AISWARYA T	50	25	75
3. AKHILA P	75	25	100
4. ALPHONSA SANTY	63	25	88
5. AMALA MARGARET K	75	25	100
6. AMELDA BABY	50	25	75
7. AMINA FEBIN	63	25	88
8. AMINA SAIDA M K	75	25	100
9. AMRITHA ALOSIOUS	75	25	100
10. AMRUTHA ANIL	50	25	75
11. AMRUTHA C	38	25	63
12. ANAGHA E	63	25	88
13. ANAGHA M	50	25	75
14. ANAGHA S	75	25	100
15. ANJALI T	75	25	100
16. APARNA N P	63	25	88
17. ARCHITA DAS	63	25	88
18. ARUNIMA M B	75	25	100
19. ASWATHI A T	63	25	88
20. ASWATHI M	63	25	88
21. ASWATHI VIJAYAN P	75	25	100
22. ASWATHY A P	75	25	100
23. ATHIRA N	75	25	100
24. AYANA ANN MARY	75	25	100
25. BINEESHA C	75	25	100
26. FATHEMA LUTHA N	50	25	75
27. FATHIMA	75	25	100
28. FATHIMA HUDHA C P	75	25	100
29. FATHIMA NITHASHA K K	63	25	88
30. FATHIMA SAFEENA K P	75	25	100
31. HADIYA M	75	25	100
32. HANNA PARVIN C P	75	25	100



SR.SHEEBA ANDREWS

ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

33. HARITHA P A	63	25	88
34. JALI C M	75	25	100
35. JASEETHA. C.	63	25	88
36. JASMINE JOSE	63	25	88
37. JESHINA JOHN	63	25	88
38. JINCY K M	50	25	75
39. JOICY GEORGE	38	25	63
40. JYOTHIMOL JOSEPH	50	25	75
41. KRISHNA SUJITH	50	25	75
42. MEGHA N	50	25	75
43. MIDHUNA K	75	25	100
44. PRIYANKA R	75	25	100
45. SHAMLU K K	75	25	100
46. SHANATE GEORGE	75	25	100
47. SHIFANA T K	63	25	88
48. SHRIYA SHAJEEVAN O	63	25	88
49. SNEHA C	63	25	88
50. SOBHANA G	75	25	100
51. SREELAKSHMI K P	38	25	63
52. SRUTHI N K	88	25	113
53. SWATHI K K	63	25	88
54. TEENA WILSON	63	25	88
55. THUSHARA T	50	25	75
56. VYSHNAVI K M	63	25	88
57. ZULFATH C T	75	25	100



SR.SHEEBA ANDREWS

ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

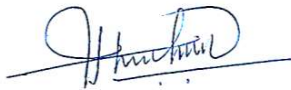
# CERTIFICATE COURSE

DEPARTMENT OF ECONOMICS

## SUMMARY REPORT 2017-18

### **Certificate course III- Basics in M S Office**

The certificate course on “ Basics in M S Office “ was offered to third year students of Department of Economics. Ms. K T Vidya was the course coordinator. The course was completed within 30 contact hours between 2017 June to 2018 March. Practical sessions were provided . A total of 57 students attended the course. All the students completed the course . The course was handled by the guest faculty Ms.Anns Stephen .1 Practical computer lab sessions were for 25 marks and external evaluation for 75 marks were conducted for evaluation

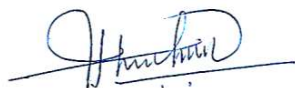


SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HOD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009



CERTIFICATE COURSE 2017-18 - BASICS OF MS OFFICE

Name									
	03-06-2017	17-06-2017	24-06-2017	01-07-2017	15-07-2017	22-07-2017	29-07-2017	05-08-2017	19-08-2017
	(10-1 pm)	(9:30 - 12:30 )	(10-1 pm)	(10-1 pm)	(10-1 pm)	(10-4 pm)	(10-4 pm)	(9:30-12:30 )	9:30-12:30 )
1. AISWARYA G	P	P	P	P	P	P	P	P	A
2. AISWARYA T	P	P	P	P	P	P	P	P	A
3. AKHILA P	P	P	P	P	P	P	P	P	P
4. ALPHONSA SANTY	P	P	P	P	P	P	P	P	A
5. AMALA MARGARET	P	P	P	P	P	P	P	P	A
6. AMELDA BABY	P	P	P	P	P	P	A	P	P
7. AMINA FEBIN	P	P	P	P	P	P	P	P	P
8. AMINA SAIDA M K	P	P	P	P	P	P	P	P	P
9. AMRITHA ALOSIOUS	P	P	P	A	P	P	P	P	P
10. AMRUTHA ANIL	P	P	P	P	P	P	P	P	P
11. AMRUTHA C	P	P	P	P	P	P	P	P	P
12. ANAGHA E	P	P	P	P	P	P	P	P	P
13. ANAGHA M	P	P	P	P	P	P	P	P	P
14. ANAGHA S	P	P	P	P	P	P	P	P	P
15. ANJALI T	P	P	P	A	P	P	P	P	P
16. APARNA N P	P	P	P	P	P	P	P	P	P
17. ARCHITA DAS	P	P	P	P	P	P	P	P	P
18. ARUNIMA M B	P	P	P	P	P	P	P	P	P
19. ASWATHI A T	P	P	P	P	P	P	P	A	P
20. ASWATHI M	P	P	P	P	P	P	P	P	P
21. ASWATHI VIJAYAN P	P	P	P	P	P	P	P	P	P
22. ASWATHY A P	P	P	P	A	P	P	P	P	P
23. ATHIRA N	P	P	P	P	P	P	P	P	P
24. AYANA ANN MARY	P	A	P	P	P	P	A	P	P
25. BINEESHA C	P	P	P	P	P	P	P	P	P
26. FATHEMA LUTHA N	P	P	P	P	P	P	P	P	P
27. FATHIMA	P	P	P	P	P	P	P	P	P
28. FATHIMA HUDHA	P	P	A	P	A	P	P	P	P

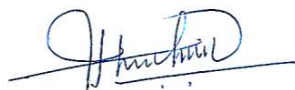


SR.SHEEBA ANDREWS

ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

CERTIFICATE COURSE 2017-18 - BASICS OF MS OFFICE

29. FATHIMA NITHASHA	P	P	P	P	P	P	P	P	P
30. FATHIMA SAFEENA	P	P	P	P	P	P	P	P	P
31. HADIYA M	P	P	P	P	P	P	P	P	P
32. HANNA PARVIN C P	P	P	P	P	A	P	A	P	P
33. HARITHA P A	P	P	A	P	P	P	P	P	P
34. JALI C M	P	P	P	P	P	A	P	P	P
35. JASEETHA. C.	P	P	P	P	P	P	P	P	P
36. JASMINE JOSE	P	P	P	A	P	A	P	P	P
37. JESHINA JOHN	P	P	P	P	P	P	P	P	P
38. JINCY K M	P	P	P	P	P	P	P	P	P
39. JOICY GEORGE	P	P	A	P	P	P	P	A	P
40. JYOTHIMOL JOSEPH	P	P	P	A	P	P	A	P	P
41. KRISHNA SUJITH	A	P	P	P	P	P	P	P	A
42. MEGHA N	P	P	P	P	P	P	P	P	P
43. MIDHUNA K	A	A	P	P	A	P	P	A	P
44. PRIYANKA R	P	P	P	P	P	P	P	P	P
45. SHAMLU K K	A	P	P	P	P	P	P	P	P
46. SHANATE GEORGE	P	P	P	P	P	P	P	P	P
47. SHIFANA T K	P	P	P	P	P	P	P	P	P
48. SHRIYA SHAJEEVAN	P	P	P	P	P	P	P	P	P
49. SNEHA C	P	P	P	P	P	A	P	P	P
50. SOBHANA G	P	P	A	P	P	P	P	P	P
51. SREELAKSHMI K P	P	A	P	P	P	P	P	P	P
52. SRUTHI N K	P	P	P	P	A	P	P	P	P
53. SWATHI K K	P	P	A	P	P	P	A	P	P
54. TEENA WILSON	P	P	P	P	P	P	P	A	P
55. THUSHARA T	P	P	P	P	P	P	P	P	P
56. VYSHNAVI K M	P	P	P	P	A	P	P	A	P
57. ZULFATH C T	P	P	P	P	P	P	P	P	P



SR. SHEEBA ANDREWS

ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....ANJALI T.....  
of III BA ECONOMICS batch has successfully completed the  
Certificate Course.....**B..A..S.I.C..S. .IN. .M..S. .O..F..I.C.E.....**(40  
hours duration) conducted by the Department  
of.....**E.C..O..N..O...M..I.CinS** the academic year.....2017-18.....and  
has passed with.....A.....grade. She has also proved her merit in the continuous  
internal assessments with the required attendance.



  
Dr. Sr. Jesamma Joseph  
Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....JINCY K M.

. **III .B..A.. .E.C O N O M I C S** batch has successfully completed the Add-on course/Certificate Course..... **BASICS IN M S OFFICE** ..... (30 hours duration) conducted by the Department of.....**E..C..O..N...O..M...I..C..S....**in the academic year..... **2 0 1 7 - 1 8** and has passed with.....**A.....**grade. She has also proved her merit in the continuous internal assessments with the required attendance.



Dr. Sr. Jesamma Joseph  
Principal

DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
**CERTIFICATE COURSE**

## INTRODUCTION TO SHARE MARKET

COURSE CO-ORDINATOR: .K T VIDYA  
YEAR: 2017-18



**Course objective:**

The course enables students to learn about the classification of financial market, the participants of primary market and the components of financial market in India

**Course duration: 30 hours**



## PROVIDENCE WOMEN'S COLLEGE,KOZHIKODE-9

### DEPARTMENT OF ECONOMICS

#### MINUTES OF THE DEPT COUNCIL HELD ON 3/ 6/2017

As per the minutes of the meeting held on 3/6/2017 the Department of Economics has decided to conduct a certificate course on Spoken English for the first year students, Introduction to share market for the second year students and Basics in M S Office for the students of III Economics UG, for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1 Sr.Sheeba Andrews ( Chairperson)

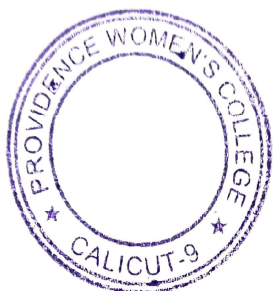
2. K T Vidya (Member)

3 Anns Stephen (Member)

This has been envisaged to enrich the curriculum.

Principal

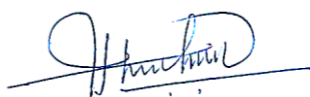
Providence Women's College





**INTRODUCTION TO SHARE MARKET  
ENROLLMENT LIST 2017-18  
DEPARTMENT OF ECONOMICS**

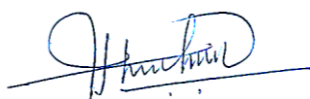
<b>II YEAR ECONOMICS 2017-18</b>			
<b>SI No</b>	<b>Name</b>	<b>Admn No.</b>	<b>Enrolled</b>
1	ABINA TS	34953	28-09-2016
2	AFNA TT	34802	16-08-2006
3	AFREEN FAZAL MOHAMAD	34485	11-07-2016
4	AGHINA S	34466	08-07-2016
5	AISWARAYA AP	34952	28-09-2016
6	AISWARYA K P	34720	05-08-2016
7	AISWARYA M	34637	18-07-2016
8	AMINA SHAHAREEN	34678	26-07-2016
9	ANCY K	34633	18-07-2016
10	ANITA MARIN ANTONY	34472	08-07-2016
11	ANJANA K	34955	28-09-2016
12	ANJITHA.P	34617	13-07-2016
13	ANJU C	34860	26-08-2016
14	ANUKRISHNA K	34899	31-08-2016
15	APARNA JOSE	34707	03-08-2016
16	APARNA K	34455	08-07-2016
17	ARYA.P.M	34837	25-08-2016
18	ASWATHI DAS P	34495	11-07-2016
19	ASWATHI P	34642	18-07-2016
20	ATHIRA S	34643	18-07-2016
21	ATHIRA V P	34542	11-07-2016
22	ATHULYA TC	34580	12-07-2016
23	AYANA P	34432	08-07-2016
24	AYANA THOMAS	34562	12-07-2016
25	FAHMA K	34774	12-08-2016
26	HARITHA P M	34421	08-07-2016
27	HARSHA T	34543	11-07-2016



DR. SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

**INTRODUCTION TO SHARE MARKET  
ENROLLMENT LIST 2017-18  
DEPARTMENT OF ECONOMICS**

28	HILNA SALAM P P	34789	16-08-2016
29	HUDHA A P	34896	31-08-2016
30	JENEETA YESUDAS	34585	12-07-2016
31	JISHA V C	34437	08-07-2016
32	JISHA.M	34423	08-07-2016
33	JYOTHI P C	34929	08-09-2016
34	KADEEJA S M	34889	30-08-2016
35	KAVYA VENUGOPALAN	34465	08-07-2016
36	MEGHA K	34640	18-07-2016
37	MUHSINA FEBIN M P	34587	12-07-2016
38	NEENU ANSU P	34740	11-08-2016
39	NEETHU.P	34577	12-07-2016
40	NINSA NOURIN M V	34770	12-08-2016
41	POOJA LAL T P	34723	05-08-2016
42	RASHA FATHIMA C	34441	08-07-2016
43	REEHA SHIRIN	34892	30-08-2016
44	SAJINA SANTHOSH	34570	12-07-2016
45	SANDRA BINOY	34511	11-07-2016
46	SHAHANA C	34489	11-07-2016
47	SOUMYA P	34744	11-08-2016
48	SOUMYA P K	34951	28-09-2016
49	SUBISHA K P	34527	11-07-2016
50	SYAMILI KRISHNA K	34670	25-07-2016
51	TISNA SIBI	34651	25-07-2016
52	VANDANA K PRIMESON	34552	11-07-2016
53	VARSHA S P	34658	25-07-2016



DR. SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

**Certificate course**  
**Introduction to Share Market**  
*Offered by Department of Economics*

**Contact Hours :30**

**Syllabus**

**Objective:** To encourage investment and asset creation by familiarising with financial market and investment options.

**Module 1**

**Introduction to money market**

Features of money market- types. Financial instruments in money market. The need for money market.- major shortcomings.

**Module 2**

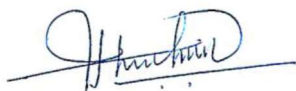
**Capital market instruments**

Capital market- definition, importance, role in the economy. Types of capital market- primary and secondary- types of instruments- shares, bonds, securities, ADR, GDR, FCCB.

**Module 3**

**Financial market in India**

Financial market – definition, classification, types. Importance in Indian economy. Financial system, financial market- weakness in India.



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

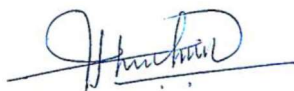


***Suggested Reading***

R.S. Sayers, Modern financial market. – Macmillan

2. M.D. Decock, Capital market.


3. S.K. Basu, Financial market in Indian India.



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

ATTENDACE LIST AND MARL LIST  
 CERTIFICATE COURSE:INTRODUCTION TO SHARE MARKET 2017-18


17	ARYA.P.M	15	47	62	B
18	ASWATHI DAS P	17	56	73	B
19	ASWATHI P	13	64.5	78	B
20	ATHIRA S	16	47	63	B
21	ATHIRA V P	16	60	76	B
22	ATHULYA TC	19	59	78	B
23	AYANA P	19	74	93	A
24	AYANA THOMAS	17	76.7	94	A
25	FAHMA K	18	65	83	A
26	HARITHA P M	18	71	89	A
27	HARSHA T	16	70	86	A
28	HILNA SALAM P P	20	62	82	A
29	HUDHA A P	14	78.5	93	A
30	JENEETA YESUDAS	11	50	61	B
31	JISHA V C	16	40	56	C
32	JISHA.M	14	59	73	B
33	JYOTHI P C	20	52	72	B
34	KADEEJA S M	11	80	91	A
35	KAVYA VENUGOPALAN	16	40	56	C
36	MEGHA K	14	61	75	B
37	MUHSINA FEBIN M P	20	52	72	B
38	NEENU ANSU P	11	80	91	A



SR.SHEEBA ANDREWS  
 ASSISTANT PROFESSOR AND HEAD  
 DEPARTMENT OF ECONOMICS  
 PROVIDENCE WOMEN'S COLLEGE  
 KOZHIKODE 673009

ATTENDACE LIST AND MARL LIST  
 CERTIFICATE COURSE:INTRODUCTION TO SHARE MARKET 2017-18

39	NEETHU.P	16	41.5	58	C
40	NINSA NOURIN M V	14	60.5	75	B
41	POOJA LAL T P	18	51.5	70	B
42	RASHA FATHIMA C	13	72	85	A
43	REEHA SHIRIN	19	42.5	62	B
44	SAJINA SANTHOSH	14	75.5	89	A
45	SANDRA BINOY	17	49	66	B
46	SHAHANA C	18	66	84	A
47	SOUMYA P	13	72	85	A
48	SOUMYA P K	13	45.5	58	C
49	SUBISHA K P	13	43.5	57	C
50	SYAMILI KRISHNA K	15	46	61	B
51	TISNA SIBI	17	56	73	B
52	VANDANA K PRIMESON	16	62.5	79	B
53	VARSHA S P	13	62	75	B




SR.SHEEBA ANDREWS  
 ASSISTANT PROFESSOR AND HEAD  
 DEPARTMENT OF ECONOMICS  
 PROVIDENCE WOMEN'S COLLEGE  
 KOZHIKODE 673009



**MARK LIST- CERTIFICATE COURSE 2017-18**  
**INTRODUCTION TO SHARE MARKET**

Sl no:	Names	Internal(20)	Theory(80)	Total(100)	
1	ABINA TS	19	64	83	A
2	AFNA TT	15	72.5	88	A
3	AFREEN FAZAL MOHAMAD	11	56	67	B
4	AGHINA S	18	50	68	B
5	AISWARAYA AP	14	70	84	A
6	AISWARYA K P	20	52	72	B
7	AISWARYA M	18	79	97	A
8	AMINA SHAHAREEN	17	70.5	88	A
9	ANCY K	19	66.5	86	A
10	ANITA MARIN ANTONY	20	75	95	A
11	ANJANA K	16	80	96	A
12	ANJITHA.P	19	64.5	83	A
13	ANJU C	18	72.5	90	A
14	ANUKRISHNA K	18	68	86	A
15	APARNA JOSE	15	72	87	A
16	APARNA K	13	56.5	70	B



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

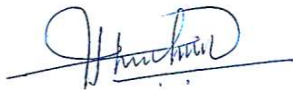
# CERTIFICATE COURSE

DEPARTMENT OF ECONOMICS

## SUMMARY REPORT 2017-18

### **Certificate course II- Introduction to Share Market**


The certificate course on “ Introduction to Share market “ was offered to second year students of Department of Economics. Ms. K T Vidya was the course coordinator. The course was completed within 30 contact hours between 2017 June to 2018 March. The course was completed in online mode with special emphasis given to online trading sessions. A total of 53 students attended the course. All the students completed the course. Separate classes by “Celebrus Paribus Limited- A share marketing firm “ was also conducted on July 13<sup>th</sup>, and November 1 st.



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HOD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

ATTENDANCE LIST AND MARL LIST  
CERTIFICATE COURSE:INTRODUCTION TO SHARE MARKET 2017-18

Name	13-07-2017	22-07-2017	29-07-2017	05-08-2017	19-07-2017	07-10-2017	21-10-2017	28-10-2021	01-11-2017
	10:00-4:00	9:30-12:30	10:00-1:00	9:30-12:30	10:00-1:00	9:30-12:30	9:30-12:30	10:00-1:00	10:00-4:00
ABINA TS	P	P	P	P	P	P	P	P	P
AFNA TT	P	P	P	P	P	A	P	P	P
AFREEN FAZAL MOHAMAD	P	P	P	P	P	A	P	P	P
AGHINA S	P	P	P	A	P	P	P	P	A
AISWARAYA AP	P	P	P	P	P	P	P	P	P
AISWARYA K P	P	P	P	P	P	P	P	P	P
AISWARYA M	A	P	P	P	P	P	P	P	P
AMINA SHAHAREEN	P	P	P	P	P	P	P	P	P
ANCY K	P	P	P	P	P	P	P	P	P
ANITA MARIN ANTONY	P	P	P	P	P	P	P	P	P
ANJANA K	P	P	P	P	P	P	P	P	P
ANJITHA.P	P	P	P	P	P	P	P	P	P
ANJU C	A	P	P	P	P	P	P	P	P
ANUKRISHNA K	P	P	P	P	P	P	P	P	P
APARNA JOSE	P	P	P	P	P	P	P	P	P
APARNA K	P	P	P	P	P	P	P	P	P
ARYA.P.M	P	P	P	P	P	P	P	P	P
ASWATHI DAS P	P	P	P	P	P	P	P	P	P
ASWATHI P	P	P	A	P	P	P	P	A	P
ATHIRA S	P	P	P	P	P	P	P	P	P
ATHIRA V P	P	P	P	P	P	P	P	P	P
ATHULYA TC	P	P	P	P	P	P	P	P	P
AYANA P	P	P	P	P	P	P	P	P	P
AYANA THOMAS	P	P	P	P	P	P	P	P	P
FAHMA K	P	P	A	P	P	P	P	A	P
HARITHA P M	P	P	P	P	P	P	P	P	P
HARSHA T	P	P	P	P	P	P	P	P	P
HILNA SALAM P P	P	P	P	P	P	P	P	P	P
HUDHA A P	P	P	P	P	P	P	P	P	P



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009



ATTENDACE LIST AND MARL LIST  
 CERTIFICATE COURSE:INTRODUCTION TO SHARE MARKET 2017-18

JENEETA YESUDAS	P	P	P	P	P	P	P	P	P
JISHA V C	P	P	P	P	P	P	P	P	P
JISHA.M	P	P	A	P	P	P	P	A	P
JYOTHI P C	P	P	P	P	P	P	P	P	P
KADEEJA S M	A	P	P	P	P	A	P	P	P
KAVYA VENUGOPALAN	P	P	P	P	P	P	P	P	P
MEGHA K	P	P	P	P	P	P	P	P	P
MUHSINA FEBIN M P	P	A	P	P	P	P	P	P	P
NEENU ANSU P	P	P	P	P	P	P	P	P	P
NEETHU.P	A	P	P	P	P	P	P	P	P
NINSA NOURIN M V	P	P	P	P	P	A	P	P	P
POOJA LAL T P	A	P	P	P	P	P	P	P	P
RASHA FATHIMA C	P	P	P	P	P	P	P	P	P
REEHA SHIRIN	P	P	P	P	P	P	P	P	P
SAJINA SANTHOSH	P	P	A	P	A	P	P	A	P
SANDRA BINOY	P	A	P	P	P	P	P	P	P
SHAHANA C	P	P	P	A	P	P	P	P	A
SOUMYA P	P	P	P	P	P	P	A	P	P
SOUMYA P K	P	P	A	P	P	A	P	A	P
SUBISHA K P	P	P	P	P	P	P	P	P	P
SYAMILI KRISHNA K	P	P	P	P	P	P	P	P	P
TISNA SIBI	P	P	P	P	P	P	A	P	P
VANDANA K PRIMESON	P	P	P	P	P	P	P	P	P
VARSHA S P	P	P	P	P	P	P	P	P	A



SR.SHEEBA ANDREWS  
 ASSISTANT PROFESSOR AND HEAD  
 DEPARTMENT OF ECONOMICS  
 PROVIDENCE WOMEN'S COLLEGE  
 KOZHIKODE 673009



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....**AYANA P** ..... of IBA ECONOMICS batch has successfully completed the Add-on course/Certificate Course..**INTRODUCTION TO SHARE MARKET** (30 hours duration) conducted by the Department of Economics in the academic year 2017-18 and has passed with.....**A**.....grade.



Dr. Sr. Jesiamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....**HUDHA A P** ..... of **I BA ECONOMICS** batch has successfully completed the Add-on course/Certificate Course --  
**INTRODUCTION TO SHARE MARKET** (30 hours duration) conducted by the Department of Economics in the academic year 2017-18 and has passed with.....**A**.....grade.



Dr. Sr. Jesamma Joseph  
Principal



**DEPARTMENT OF ECONOMICS**

**PROVIDENCE WOMEN'S COLLEGE**

# **CERTIFICATE COURSE**

**SPOKEN ENGLISH**

**FOR FIRST YEAR STUDENTS**

**COURSE COORDINATOR: SR.SHEEBA ANDREWS**

**COURSE DURATION: 30 HOURS**

**2017-18**



## PROVIDENCE WOMEN'S COLLEGE,KOZHIKODE-9

### DEPARTMENT OF ECONOMICS

#### MINUTES OF THE DEPT COUNCIL HELD ON 3/ 6/2017

As per the minutes of the meeting held on 3/6/2017 the Department of Economics has decided to conduct a certificate course on Spoken English for the first year students, Introduction to share market for the second year students and Basics in M S Office for the students of III Economics UG, for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

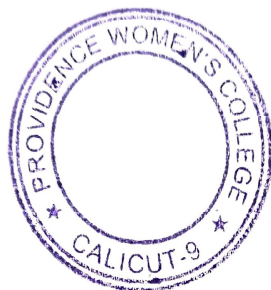
(Name & Signature)

1 Sr.Sheeba Andrews ( Chairperson)

2. K T Vidya (Member)

3 Anns Stephen (Member)

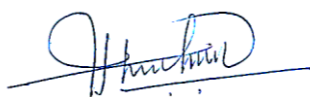
This has been envisaged to enrich the curriculum.



Principal  
Providence Women's College  
Kozhikode - 673 009

**CERTIFICATE COURSE ON SPOKEN ENGLISH  
ENROLLMENT LIST 2017-18  
DEPARTMENT OF ECONOMICS**

<b>I YEAR ECONOMICS 2017-18</b>			
<b>SI No</b>	<b>Name</b>	<b>Admn No.</b>	<b>Enrolled</b>
1	AKHILA S	35127	05-07-2017
2	AKSHAYA K	35365	11-07-2017
3	ALEENA ELIZABETH JOSE	35132	06-07-2017
4	ALEENA TOM	35009	23-06-2017
5	ANAGHA JOSE	35314	10-07-2017
6	ANAGHA K	35387	21-07-2017
7	ANAGHA K.K	35060	28-06-2017
8	ANAGHA R	35147	06-07-2017
9	ANAGHA S.M	35467	31-07-2017
10	ANANYA A	35403	21-07-2017
11	ANJALI K	35355	10-07-2017
12	ANJALI T.T	35268	10-07-2017
13	ANJALI VINEETH S.K	35291	10-07-2017
14	ANJU D	35196	07-07-2017
15	ASLA FARHANA P.V	35338	10-07-2017
16	ASWANI SUDHAKARAN	35461	28-07-2017
17	ASWANI V.K	35051	28-06-2017
18	ASWATHI K	35458	28-07-2017
19	ASWATHY T	35153	06-07-2017
20	AYSHA ATTA K.P	35330	10-07-2017
21	AYSHA HIBA	35182	06-07-2017
22	AYSHA RISHANA ANU	35332	10-07-2017
23	BHAGYA P	35337	10-07-2017
24	BINCY M	35199	07-07-2017
25	BINIT BABU	35214	10-07-2017
26	DENI DAVID M	35381	18-07-2017
27	DIKSHA K	35446	26-07-2017

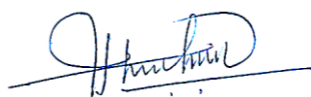


DR. SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009



**CERTIFICATE COURSE ON SPOKEN ENGLISH  
ENROLLMENT LIST 2017-18  
DEPARTMENT OF ECONOMICS**

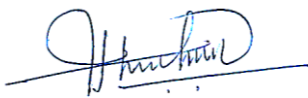
28	FATHIMA MISRIYA C.V	35404	21-07-2017
29	FATHIMA SHAMNA C K	35429	21-07-2017
30	FATHIMATH ANEENA	35343	10-07-2017
31	FIDHA AZEEZ E.P	35072	28-06-2017
32	HADHIYA BASHEER	35422	24-07-2017
33	HANEENA AMINA P.T	35358	10-07-2017
34	HANNA RAHMAN	35162	06-07-2017
35	HELEENA P.J	35298	10-07-2017
36	HUSNA K	35169	10-07-2017
37	ISABEL SUNNY	35305	10-07-2017
38	JIJI T.M	34998	23-06-2017
39	JOSNA JOSE	35216	10-07-2017
40	KAVYA M	35350	10-07-2017
41	KHADEEJA BEEVI R.M	35166	06-07-2017
42	LAKSHMI M	35258	10-07-2017
43	MARIYA MEENU JOSEPH	35282	10-07-2017
44	MAYA K.M	35176	06-07-2017
45	NANDITHA P	35165	06-07-2017
46	NEELIMA P.P	35210	07-07-2017
47	RASHMI P	35048	28-06-2017
48	RINCY ANTO C	35274	10-07-2017
49	SAFEENA MAJIDA P	35399	01-07-2017
50	SANDRA JIMMY	35242	10-07-2017
51	SEENA AASMI C.N	35373	13-07-2017
52	SHAFANA K	35070	28-06-2017
53	SHAMLA JIJILI C	35460	28-07-2017
54	SINI THOMAS	35275	10-07-2017
55	SREELAKSHMI P	35518	29-08-2017
56	SREETHU K	35130	05-07-2017
57	SUHANA NAFESATHOPPIL	35164	01-07-2017
58	SURYA M.P	35173	06-07-2017



DR. SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

**CERTIFICATE COURSE ON SPOKEN ENGLISH  
ENROLLMENT LIST 2017-18  
DEPARTMENT OF ECONOMICS**

59	SUVARNA VASU	35082	28-06-2017
60	TREESA BENNY	35262	10-07-2017
61	UDISHA K	35125	05-07-2017
62	VISMAYA SUNNY	35306	10-07-2017



DR. SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

# CERTIFICATE COURSE ON SPOKEN ENGLISH

OFFERED BY : DEPARTMENT OF ECONOMICS

COURSE COORDINATOR: SR.SHEEBA ANDREWS, HOD

## SYLLABUS

**CONTACT HOURS :30**

**COURSE OBJECTIVE: To instil confidence among students to communicate confidently in English and to prepare them for competitive examinations**

### **Module -1**

Basic Grammar: Prescriptive/descriptive approaches grammaticality acceptability –appropriateness- grammar in context grammar, both in spoken & written

### **Module -2**

Reading Skill: Techniques of reading, reading comprehension of unseen pages, identifying the context & the central idea

### **Module 3**

Listening & Comprehension: Interpretation of texts based on question-answer and Interaction among students

### **Module 4**



Practice Exercises on the use of different grammatical constructions in context,  
identification of the use of the above given grammatical devices from different  
texts like newspapers

A handwritten signature in blue ink, appearing to read 'SR. SHEEBA ANDREWS', with a horizontal line drawn underneath.

SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HOD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

# ATTENDANCE AND MARK LIST IN CERTIFICATE COURSE- SPOKEN ENGLISH

## 2017-18 MARK LIST


Sl no:	Name	Internal	Theory exam	Total	Grade
1.	AKHILA S	20	57	77	B
2.	AKSHAYA K	20	57	77	B
3.	ALEENA ELIZABETH JOSE	14	43	57	C
4.	ALEENA TOM	20	57	77	B
5.	ANAGHA JOSE	20	57	77	B
6.	ANAGHA K	20	57	77	B
7.	ANAGHA K.K	16	47	63	B
8.	ANAGHA R	20	57	77	B
9.	ANAGHA S.M	16	47	63	B
10.	ANANYA A	16	47	63	B
11.	ANJALI K	18	52	70	B
12.	ANJALI T.T	14	43	57	C
13.	ANJALI VINEETH S.K	22	61	83	A
14.	ANJU D	18	52	70	B
15.	ASLA FARHANA P.V	20	57	77	B
16.	ASWANI SUDHAKARAN	24	66	90	A
17.	ASWANI V.K	22	61	83	A
18.	ASWATHI K	18	52	70	B
19.	ASWATHY T	20	57	77	B
20.	AYSHA ATTA K.P	20	57	77	B
21.	AYSHA HIBA	26	71	97	A
22.	AYSHA RISHANA ANU	18	52	70	B
23.	BHAGYA P	18	52	70	B
24.	BINCY M	18	52	70	B
25.	BINIT BABU	18	52	70	B
26.	DENI DAVID M	15	45	60	B
27.	DIKSHA K	24	66	90	A
28.	FATHIMA MISRIYA C.V	18	52	70	B
29.	FATHIMA SHAMNA C K	18	52	70	B
30.	FATHIMATH ANEENA	20	55	75	B
31.	FIDHA AZEEZ E.P	16	47	63	B



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

# ATTENDANCE AND MARK LIST IN CERTIFICATE COURSE- SPOKEN ENGLISH

32.	HADHIYA BASHEER	20	57	77	B
33.	HANEENA AMINA P.T	20	57	77	B
34.	HANNA RAHMAN	22	61	83	A
35.	HELEENA P.J	18	52	70	B
36.	HUSNA K	20	57	77	B
37.	ISABEL SUNNY	18	52	70	B
38.	JIJI T.M	22	61	83	A
39.	JOSNA JOSE	12	38	50	C
40.	KAVYA M	14	43	57	C
41.	KHADEEJA BEEVI R.M	22	61	83	A
42.	LAKSHMI M	22	61	83	A
43.	MARIYA MEENU JOSEPH	16	47	63	B
44.	MAYA K.M	22	61	83	A
45.	NANDITHA P	20	33	53	B
46.	NEELIMA P.P	24	66	90	A
47.	RASHMI P	18	52	70	B
48.	RINCY ANTO C	16	47	63	B
49.	SAFEENA MAJIDA P	16	47	63	B
50.	SANDRA JIMMY	20	57	77	B
51.	SEENA AASMI C.N	14	43	57	C
52.	SHAFANA K	12	38	50	C
53.	SHAMLA JIJILI C	20	57	77	B
54.	SINI THOMAS	18	52	70	B
55.	SREELAKSHMI P	18	52	70	B
56.	SREETHU K	18	52	70	B
57.	SUHANA NAFEESEATHOPPIL	16	47	63	B
58.	SURYA M.P	18	52	70	B
59.	SUVARNA VASU	20	57	77	B
60.	TREESA BENNY	22	61	83	A
61.	UDISHA K	14	43	57	C
62.	VISMAYA SUNNY	20	57	77	B



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

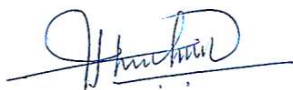


# CERTIFICATE COURSE

## SUMMARY REPORT 2017-18

### **Certificate course I- Spoken English**


The certificate course on “ Spoken English “ was offered to first year students of Department of Economics. Sr.Sheeba Andrews was the course coordinator. The course was completed within 30 contact hours between 2017 August to 2018 March. A total of 62 students attended the course. All the students completed the course . Group discussion and assignments were conducted as a for internal examination and written examination was conducted for 75 marks for external evaluation. The course gave confidence for the students to communicate in English .



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HOD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

# ATTENDANCE AND MARK LIST IN CERTIFICATE COURSE- SPOKEN ENGLISH


IYEAR ECONOMICS 2017-18	04/1 1/17 (10-1 pm)	18/1 1/17 (9:30- 12:30 )	02/1 2/17 (10-1 pm)	16/1 2/17 (10-1 pm)	06/0 1/18 (10-1 pm)	20/0 1/18 (10-1 pm)	03/0 2/18 (10-1 pm)	17/0 2/18 (9:30- 12:30 )	24/0 2/18 (9:30- 12:30 )	03/0 3/18 (9:30- 12:30 )
AKHILA S	P	P	P	P	P	P	P	P	P	P
AKSHAYA K	P	P	P	P	P	P	P	P	A	P
ALEENA ELIZABETH JOSE	P	P	P	P	P	P	P	P	A	P
ALEENA TOM	P	P	P	P	P	P	A	P	P	P
ANAGHA JOSE	P	P	P	P	P	P	P	P	P	P
ANAGHA K	P	P	P	P	P	P	P	P	P	P
ANAGHA K.K	P	P	P	A	P	P	P	P	P	P
ANAGHA R	P	P	P	P	P	P	P	P	P	P
ANAGHA S.M	P	P	P	P	P	P	P	P	P	P
ANANYA A	P	P	P	P	P	P	P	P	P	P
ANJALI K	P	P	P	P	P	P	P	P	P	P
ANJALI T.T	P	P	P	P	P	P	P	P	P	P
ANJALI VINEETH	P	P	P	A	P	P	P	P	P	P
ANJU D	P	P	P	P	P	P	P	P	P	P
ASLA FARHANA	P	P	P	P	P	P	P	P	P	P
ASWANI SUDHAKARAN	P	P	P	P	P	P	P	P	P	P
ASWANI V.K	P	P	P	P	P	P	P	A	P	P
ASWATHI K	P	P	P	P	P	P	P	P	P	P
ASWATHY T	P	P	P	P	P	P	P	P	P	P



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

# ATTENDANCE AND MARK LIST IN CERTIFICATE COURSE- SPOKEN ENGLISH


AYSHA ATTA K.P	P	P	P	A	P	P	P	P	P	P
AYSHA HIBA	P	P	P	P	P	P	P	P	P	P
AYSHA RISHANA	P	A	P	P	P	P	A	P	P	P
BHAGYA P	P	P	P	P	P	P	P	P	P	P
BINCY M	P	P	P	P	P	P	P	P	P	P
BINIT BABU	P	P	P	P	P	P	P	P	P	P
DENI DAVID M	P	P	A	P	A	P	P	P	P	P
DIKSHA K	P	P	P	P	P	P	P	P	P	P
FATHIMA MISRIYA C.V	P	P	P	P	P	P	P	P	P	A
FATHIMA SHAMNA C K	P	P	P	P	P	P	P	P	P	P
FATHIMATH ANEENA	P	P	P	P	A	P	A	P	P	P
FIDHA AZEEZ E.P	P	P	A	P	P	P	P	P	P	P
HADHIYA BASHEER	P	P	P	P	P	A	P	P	P	P
HANEENA AMINA P.T	P	P	P	P	P	P	P	P	P	P
HANNA RAHMAN	P	P	P	A	P	A	P	P	P	P
HELEENA P.J	P	P	P	P	P	P	P	P	P	P
HUSNA K	P	P	P	P	P	P	P	P	P	P
ISABEL SUNNY	P	P	A	P	P	P	P	A	P	A
JIJI T.M	P	P	P	A	P	P	A	P	P	P
JOSNA JOSE	A	P	P	P	P	P	P	P	A	P
KAVYA M	P	P	P	P	P	P	P	P	P	P



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009

# ATTENDANCE AND MARK LIST IN CERTIFICATE COURSE- SPOKEN ENGLISH

KHADEEJA BEEVI R.M	A	A	P	P	A	P	P	A	P	P
LAKSHMI M	P	P	P	P	P	P	P	P	P	P
MARIYA MEENU JOSEPH	A	P	P	P	P	P	P	P	P	P
MAYA K.M	P	P	P	P	P	P	P	P	P	P
NANDITHA P	P	P	P	P	P	P	P	P	P	P
NEELIMA P.P	P	P	P	P	P	P	P	P	P	P
RASHMI P	P	P	P	P	P	A	P	P	P	A
RINCY ANTO C	P	P	A	P	P	P	P	P	P	A
SAFEENA MAJIDA P	P	A	P	P	P	P	P	P	P	P
SANDRA JIMMY	P	P	P	P	A	P	P	P	P	P
SEENA AASMI C.N	P	P	A	P	P	P	A	P	P	P
SHAFANA K	P	P	P	P	P	P	P	A	P	P
SHAMLA JIJILI C	P	P	P	P	P	P	P	P	P	P
SINI THOMAS	P	P	P	P	A	P	P	A	P	P
SREELAKSHMI P	P	P	P	P	P	P	P	P	P	A
SREETHU K	P	A	P	A	P	P	A	P	P	P
SUHANA	P	P	P	P	P	P	P	P	P	A
SURYA M.P	P	P	P	P	P	P	P	P	P	P
SUVARNA VASU	P	P	A	P	P	A	P	A	P	P
TREESA BENNY	P	A	P	A	P	P	P	A	P	A
UDISHA K	P	P	P	P	P	P	P	P	P	P
VISMAYA SUNNY		P	P	P	P	P	P	P	P	P



SR.SHEEBA ANDREWS  
ASSISTANT PROFESSOR AND HEAD  
DEPARTMENT OF ECONOMICS  
PROVIDENCE WOMEN'S COLLEGE  
KOZHIKODE 673009





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....**DIKSHA K. of I IBA ECONOMICS** batch has successfully completed the Certificate Course **SPOKEN ENGLISH** conducted by the Department of **ECONOMICS** in the academic year 2017-18 and has passed with **A** grade.



Dr. Sr. Jesiamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that **TREESA BENNY** of I IBA ECONOMICS batch has successfully completed the Certificate Course on **SPOKEN ENGLISH** conducted by the Department of **ECONOMICS** in the academic year 2017-18 and has passed with **A** grade.



  
Dr. Sr. Jesamma Joseph  
Principal

# DEPARTMENT OF HISTORY



**CERTIFICATE COURSE ON**

# **WOMEN'S STUDIES**

**2017-18**

**Duration : 30 Hours**

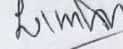
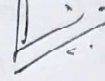
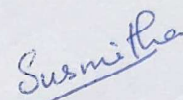
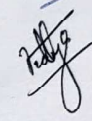
# PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9

## DEPARTMENT OF HISTORY

MINUTES OF THE DEPARTMENT COUNCIL HELD ON 11.08.2017

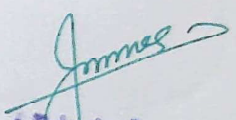
As per the minutes of the meeting held on 11.08.2017 the Dept of History has decided to conduct a certificate course on **Women's Studies** for the students of 3<sup>rd</sup> year UG for the next three academic year (2017-18,2018-19,2019-20) for a duration of 30 hours.

• Members of the Design and Development of Curriculum Committee

1. Lt. Lini.E (Chairperson) 
2. Dr. Laina.P (Member) 
3. Dr. Susmitha Ramakrishnan (Member) 
4. Dr. Vidhya K.T (External Member) 

This has been envisaged to enrich the curriculum.



Principal   
Principal  
Providence Women's College  
Kozhikode - 673 009



**Certificate Course(2017-18)****Women's Studies****Enrollment List**

<b>Sl. No.</b>	<b>Name of Students</b>
1	Aditya Surendran
2	Aparna K
3	Arya P.
4	Asla C
5	Athira Vijayan
6	Athulya K
7	Dona Maria James
8	Fathima A P
9	Fathimathul Sakkiya
10	Hasna A
11	Nafiya Rinu
12	Najiya Nasreen
13	Nifa Parveen K T
14	Ranjitha M P
15	Aiswarya K T
16	Akila K
17	Akila Krishnan
18	Alina Helen Vas
19	Amaya K V
20	Anjali K T
21	Anjana K E
22	Anju C K
23	Ansha N S
24	Anusha P
25	Arya M V
26	Asma Sherin
27	Aiswarya K
28	Aswathi M P
29	Athira Das
30	Athulya P
31	Athulya C
32	Ayana C
33	Ayana T A
34	Ayisha Amna P T
35	Dismaiya Johnny
36	Fathima Suhaila
37	Febina Mariyam
38	Gayatri
39	Geethu K V
40	Jabin Nihada
41	Jincy K B

42 Jinsy Mol

43 Megha K N

44 Meghana Joy

45 Meherban

46 Muhsina N

47 Nimya E

48 Rameesa P

49 Reshma K M

50 Sajna C R

51 Salini A R

52 Shalu P George

53 Sherin Raj

54 Sneha S Nair

55 Sowmya Das

56 Suhaila K

57 Surya O.

58 Varsha P.

59 Vindhya C. K.

  
DR. PRIYADARSINI. P  
[HOD] - Dept. of History  
Providence Women's College  
Kozhikode - 673 009

# Women's Studies- Syllabus

## Module 1

Scope of women's studies in India

- Context of Women's history

## Module 2

Position of Women through the ages – Ancient – Medieval and Modern period


Eminent women and women's organisation in India

Pandita Ramabai – Kasturba Gandhi- Sarojini Naidu- Mother Teresa- Indira Gandhi

Reference

1. Altekar A.S : The position of women in Hindu civilisation
2. Devendra Kiran : Status and position of women in India
3. Forbes Geraldine : Women in modern India

No of contact hours : 30 hours.

  
Dr. PRIYADARSINI. P  
[HOD] - Dept. of History  
Providence Women's College  
Kozhikode - 673 009

[illegible]



[illegible]

	3/10/17	6/10/19	11/10/21	14/10/21	23/10	27/10	2/11	
57	Suria. O	x	x	x	x	x	x	ab
58	Varsha. P.	x	x	x	x	ab	x	x
59	Vimdhya. C.k.	x	x	x	x	x	ab	x

10/11	14/11	17/11	24/11	25/11	26/11	29/11	Grade
x	x	x	x	x	x	x	B
x	x	x	x	x	x	x	A
x	ab	x	x	x	x	x	B

*Priyadarshini*  
 Dr. PRIYADARSHINI. P.  
 (HOD) - Dept. of History  
 Providence Women's College  
 Kozhikode - 673 009

Lim. E  
 Limb  
 27.11/18

*su*  
~~100~~  
~~100~~

## REPORT

Women's history is relatively a new area of study. The focus of women's studies is mainly on the need of empowerment of women and also to make them aware about the women related issues and laws. This course is for 30 hrs and the duration of 3 months. At the end, there will be an exam and awarding grades to the students.

*Priyadarsini*  
Dr. PRIYADARSINI. P  
[HOD] - Dept. of History  
Providence Women's College  
Kozhikode - 673 009



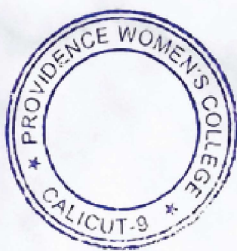
# PROVIDENCE WOMEN'S COLLEGE

(COLLEGE WITH POTENTIAL FOR EXCELLENCE  
RE-ACCREDITED WITH GRADE A BY THE NAAC)

KOZHIKODE, PIN: 673009, KERALA, INDIA

## CERTIFICATE

This is to certify that **Ranjitha M P** of **Third year**,  
**Department of History** has successfully completed  
the Certificate Course in **Women's Studies** (3  
Months duration) conducted by the Department of  
History in the academic year **2017-18** and has passed  
with **A** grade. She has also proved her merit in the  
continuous internal assessments with the required  
attendance.



**COLLEGE SEAL**

A handwritten signature in green ink, written over a horizontal line.

**PRINCIPAL**





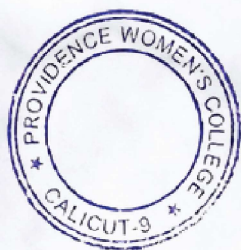
# PROVIDENCE WOMEN'S COLLEGE

(COLLEGE WITH POTENTIAL FOR EXCELLENCE  
RE-ACCREDITED WITH GRADE A BY THE NAAC)

KOZHIKODE, PIN: 673009, KERALA, INDIA

## CERTIFICATE

This is to certify that **Arya P** of **Third year**,  
**Department of History** has successfully completed  
the Certificate Course in **Women's Studies** (3  
Months duration) conducted by the Department of  
History in the academic year **2017-18** and has passed  
with **A** grade. She has also proved her merit in the  
continuous internal assessments with the required  
attendance.



**COLLEGE SEAL**

**PRINCIPAL**

# PROVIDENCE WOMEN'S COLLEGE

Department of Mathematics  
and Statistics

Presents

## BASIC STATISTICAL SKILL IN RESEARCH ANALYSIS

30 hours certificate course

(2017-18)

**COURSE INSTRUCTORS :**



*Ms. Suchithra*

*Assistant Professor*

*Department of Statistics*



*Ms. Heera K*

*Assistant Professor*

*Department of Computer Science*



## PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9

DEPARTMENT OF MATHEMATICS AND STATISTICS

MINUTES OF THE DEPT COUNCIL HELD ON 28/07/2017

As per the minutes of the meeting held on 28/07/2017, the Department of Mathematics and Statistics has decided to conduct a certificate course on Basic Statistical Skill in Research Analysis for the students of 2<sup>nd</sup> year PG for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above mentioned course will be,

(Name & Signature)

1. Ms. Rosamma Devassia (Chairperson)

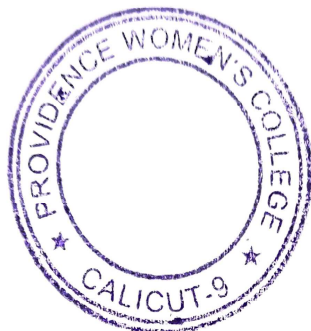
2. Ms. Suchithra E. (Member)

3. Ms. Priya K. (Member)

This has been envisaged to enrich the curriculum.


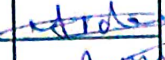
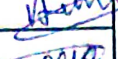
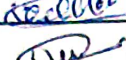
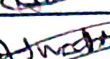

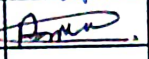

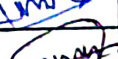

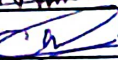
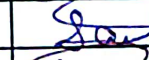
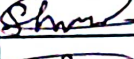
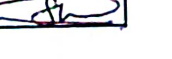


Principal

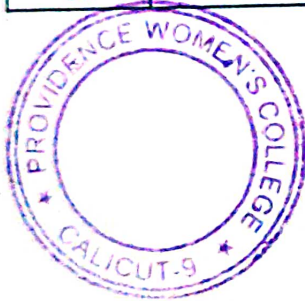
Providence Women's College






Certificate Course (2017-18)  
Basic Statistical Skill in Research Analysis  
LIST OF STUDENTS  
II MSC MATHEMATICS 2017-18

Sl No	Name	Signature
1	ADITHYA SURESH T	
2	ARDRA. R.	
3	ARYA P	
4	ASHWATHI T	
5	ASWATHI K	
6	ASWATHI P	
7	ATHULYA N	
8	BINISHA	
9	DIYA THOMAS	
10	JERLIN TRESA GEORGE	
11	MERIN JOHNSON	
12	NIDHI DEVIDASAN	
13	NITHYA E	
14	SAJNA K P	
15	SHILPA K	
16	SURYA V	



  
Principal  
Providence Women's College  
Kozhikode - 673 009



**Department of Mathematics and Statistics**  
**Certificate Course (2017-18)**  
**Basic Statistical Skill in Research Analysis**  
**Syllabus (30 hours)**

1. Sample Distributions
2. Quantitative and Qualitative Data
3. Data Collection
4. Exploring Data
5. Correlation and Regression
6. Hypothesis
7. Testing of Hypothesis – T and F tests
8. Fitting of Binomial, Poisson and Normal distributions
9. Applications in Research Methodology



*Rosamma Devasia K*  
Associate Professor  
H.O.D of Mathematics  
Providence Women's College  
Kozhikode: Pin: 673009

## MARKS

### II MSC MATHEMATICS 2017-18

Sl No	Name	Marks on 20
1	ADITHYA SURESH T	14
2	ARDRA. R.	15
3	ARYA P	12
4	ASHWATHI T	10
5	ASWATHI K	20
6	ASWATHI P	15
7	ATHULYA N	10
8	BINISHA	20
9	DIYA THOMAS	18
10	JERLIN TRESA GEORGE	19
11	MERIN JOHNSON	20
12	NIDHI DEVIDASAN	15
13	NITHYA E	18
14	SAJNA K P	14
15	SHILPA K	19
16	SURYA V	16



*Rosamma Devasia K*  
Associate Professor  
H.O.D of Mathematics  
Providence Women's College  
Kozhikode: Pin: 673009

# **Report**

## **Certificate Course on Basic Statistical Skills in Research Analysis**

### **2017 - 18**

The Department of Mathematics conducted a certificate course on the Basic Statistical Skills in Research Analysis with duration of 30 hours. Ms. Suchithra E, Assistant Professor in Statistics and Ms. Heera K., Assistant Professor, Department of Computer Science were the course instructors. The HoD of Mathematics, Ms. Rosamma Devasia coordinated the course. It was conducted on the convenient Saturdays from 5<sup>th</sup> August to 4<sup>th</sup> November . The course provided an understanding of the basic methods and statistics useful in writing project/research papers and presentations. Daily tasks were given to the students after each day's session. A total of 16 students enrolled for the course and cleared the exams conducted at the end.

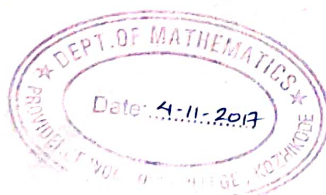


*Rosamma Devasia K*  
Associate Professor  
H.O.D of Mathematics  
Providence Women's College  
Kozhikode: Pin: 673009

CERTIFICATE COURSE 2017-18  
BASIC STATISTICAL SKILL IN RESEARCH ANALYSIS  
ATTENDANCE

## II MSC MATHEMATICS 2017-18

Sl No	Name	← 3 <sup>rd</sup> Aug 2017 →	← 11 <sup>th</sup> Aug 2017 →	← 25 <sup>th</sup> Aug 2017 →	← 2 <sup>nd</sup> Oct 2017 →	← 10 <sup>th</sup> Oct 2017 →	← 18 <sup>th</sup> Oct 2017 →	← 25 <sup>th</sup> Oct 2017 →	← 1 <sup>st</sup> Nov 2017 →	← 8 <sup>th</sup> Nov 2017 →	← 15 <sup>th</sup> Nov 2017 →	← 22 <sup>nd</sup> Nov 2017 →	← 29 <sup>th</sup> Nov 2017 →	← 6 <sup>th</sup> Dec 2017 →	← 13 <sup>th</sup> Dec 2017 →	← 20 <sup>th</sup> Dec 2017 →	← 27 <sup>th</sup> Dec 2017 →	← 3 <sup>rd</sup> Jan 2018 →	← 10 <sup>th</sup> Jan 2018 →	← 17 <sup>th</sup> Jan 2018 →	← 24 <sup>th</sup> Jan 2018 →	← 31 <sup>st</sup> Jan 2018 →	← 7 <sup>th</sup> Feb 2018 →	← 14 <sup>th</sup> Feb 2018 →	← 21 <sup>st</sup> Feb 2018 →	← 28 <sup>th</sup> Feb 2018 →	← 6 <sup>th</sup> Mar 2018 →	← 13 <sup>th</sup> Mar 2018 →	← 20 <sup>th</sup> Mar 2018 →	← 27 <sup>th</sup> Mar 2018 →	← 3 <sup>rd</sup> Apr 2018 →	← 10 <sup>th</sup> Apr 2018 →	← 17 <sup>th</sup> Apr 2018 →	← 24 <sup>th</sup> Apr 2018 →	← 1 <sup>st</sup> May 2018 →	← 8 <sup>th</sup> May 2018 →	← 15 <sup>th</sup> May 2018 →	← 22 <sup>nd</sup> May 2018 →	← 29 <sup>th</sup> May 2018 →	← 5 <sup>th</sup> Jun 2018 →	← 12 <sup>th</sup> Jun 2018 →	← 19 <sup>th</sup> Jun 2018 →	← 26 <sup>th</sup> Jun 2018 →	← 3 <sup>rd</sup> Jul 2018 →	← 10 <sup>th</sup> Jul 2018 →	← 17 <sup>th</sup> Jul 2018 →	← 24 <sup>th</sup> Jul 2018 →	← 31 <sup>st</sup> Jul 2018 →	← 7 <sup>th</sup> Aug 2018 →	← 14 <sup>th</sup> Aug 2018 →	← 21 <sup>st</sup> Aug 2018 →	← 28 <sup>th</sup> Aug 2018 →	← 4 <sup>th</sup> Sep 2018 →	← 11 <sup>th</sup> Sep 2018 →	← 18 <sup>th</sup> Sep 2018 →	← 25 <sup>th</sup> Sep 2018 →	← 2 <sup>nd</sup> Oct 2018 →	← 9 <sup>th</sup> Oct 2018 →	← 16 <sup>th</sup> Oct 2018 →	← 23 <sup>rd</sup> Oct 2018 →	← 30 <sup>th</sup> Oct 2018 →	← 6 <sup>th</sup> Nov 2018 →	← 13 <sup>th</sup> Nov 2018 →	← 20 <sup>th</sup> Nov 2018 →	← 27 <sup>th</sup> Nov 2018 →	← 4 <sup>th</sup> Dec 2018 →	← 11 <sup>th</sup> Dec 2018 →	← 18 <sup>th</sup> Dec 2018 →	← 25 <sup>th</sup> Dec 2018 →	← 1 <sup>st</sup> Jan 2019 →	← 8 <sup>th</sup> Jan 2019 →	← 15 <sup>th</sup> Jan 2019 →	← 22 <sup>nd</sup> Jan 2019 →	← 29 <sup>th</sup> Jan 2019 →	← 5 <sup>th</sup> Feb 2019 →	← 12 <sup>th</sup> Feb 2019 →	← 19 <sup>th</sup> Feb 2019 →	← 26 <sup>th</sup> Feb 2019 →	← 5 <sup>th</sup> Mar 2019 →	← 12 <sup>th</sup> Mar 2019 →	← 19 <sup>th</sup> Mar 2019 →	← 26 <sup>th</sup> Mar 2019 →	← 2 <sup>nd</sup> Apr 2019 →	← 9 <sup>th</sup> Apr 2019 →	← 16 <sup>th</sup> Apr 2019 →	← 23 <sup>rd</sup> Apr 2019 →	← 30 <sup>th</sup> Apr 2019 →	← 7 <sup>th</sup> May 2019 →	← 14 <sup>th</sup> May 2019 →	← 21 <sup>st</sup> May 2019 →	← 28 <sup>th</sup> May 2019 →	← 4 <sup>th</sup> Jun 2019 →	← 11 <sup>th</sup> Jun 2019 →	← 18 <sup>th</sup> Jun 2019 →	← 25 <sup>th</sup> Jun 2019 →	← 2 <sup>nd</sup> Jul 2019 →	← 9 <sup>th</sup> Jul 2019 →	← 16 <sup>th</sup> Jul 2019 →	← 23 <sup>rd</sup> Jul 2019 →	← 30 <sup>th</sup> Jul 2019 →	← 6 <sup>th</sup> Aug 2019 →	← 13 <sup>th</sup> Aug 2019 →	← 20 <sup>th</sup> Aug 2019 →	← 27 <sup>th</sup> Aug 2019 →	← 3 <sup>rd</sup> Sep 2019 →	← 10 <sup>th</sup> Sep 2019 →	← 17 <sup>th</sup> Sep 2019 →	← 24 <sup>th</sup> Sep 2019 →	← 1 <sup>st</sup> Oct 2019 →	← 8 <sup>th</sup> Oct 2019 →	← 15 <sup>th</sup> Oct 2019 →	← 22 <sup>nd</sup> Oct 2019 →	← 29 <sup>th</sup> Oct 2019 →	← 5 <sup>th</sup> Nov 2019 →	← 12 <sup>th</sup> Nov 2019 →	← 19 <sup>th</sup> Nov 2019 →	← 26 <sup>th</sup> Nov 2019 →	← 3 <sup>rd</sup> Dec 2019 →	← 10 <sup>th</sup> Dec 2019 →	← 17 <sup>th</sup> Dec 2019 →	← 24 <sup>th</sup> Dec 2019 →	← 31 <sup>st</sup> Dec 2019 →	← 7 <sup>th</sup> Jan 2020 →	← 14 <sup>th</sup> Jan 2020 →	← 21 <sup>st</sup> Jan 2020 →	← 28 <sup>th</sup> Jan 2020 →	← 4 <sup>th</sup> Feb 2020 →	← 11 <sup>th</sup> Feb 2020 →	← 18 <sup>th</sup> Feb 2020 →	← 25 <sup>th</sup> Feb 2020 →	← 4 <sup>th</sup> Mar 2020 →	← 11 <sup>th</sup> Mar 2020 →	← 18 <sup>th</sup> Mar 2020 →	← 25 <sup>th</sup> Mar 2020 →	← 1 <sup>st</sup> Apr 2020 →	← 8 <sup>th</sup> Apr 2020 →	← 15 <sup>th</sup> Apr 2020 →	← 22 <sup>nd</sup> Apr 2020 →	← 29 <sup>th</sup> Apr 2020 →	← 6 <sup>th</sup> May 2020 →	← 13 <sup>th</sup> May 2020 →	← 20 <sup>th</sup> May 2020 →	← 27 <sup>th</sup> May 2020 →	← 3 <sup>rd</sup> Jun 2020 →	← 10 <sup>th</sup> Jun 2020 →	← 17 <sup>th</sup> Jun 2020 →	← 24 <sup>th</sup> Jun 2020 →	← 1 <sup>st</sup> Jul 2020 →	← 8 <sup>th</sup> Jul 2020 →	← 15 <sup>th</sup> Jul 2020 →	← 22 <sup>nd</sup> Jul 2020 →	← 29 <sup>th</sup> Jul 2020 →	← 5 <sup>th</sup> Aug 2020 →	← 12 <sup>th</sup> Aug 2020 →	← 19 <sup>th</sup> Aug 2020 →	← 26 <sup>th</sup> Aug 2020 →	← 2 <sup>nd</sup> Sep 2020 →	← 9 <sup>th</sup> Sep 2020 →	← 16 <sup>th</sup> Sep 2020 →	← 23 <sup>rd</sup> Sep 2020 →	← 30 <sup>th</sup> Sep 2020 →	← 7 <sup>th</sup> Oct 2020 →	← 14 <sup>th</sup> Oct 2020 →	← 21 <sup>st</sup> Oct 2020 →	← 28 <sup>th</sup> Oct 2020 →	← 4 <sup>th</sup> Nov 2020 →	← 11 <sup>th</sup> Nov 2020 →	← 18 <sup>th</sup> Nov 2020 →	← 25 <sup>th</sup> Nov 2020 →	← 2 <sup>nd</sup> Dec 2020 →	← 9 <sup>th</sup> Dec 2020 →	← 16 <sup>th</sup> Dec 2020 →	← 23 <sup>rd</sup> Dec 2020 →	← 30 <sup>th</sup> Dec 2020 →	← 6 <sup>th</sup> Jan 2021 →	← 13 <sup>th</sup> Jan 2021 →	← 20 <sup>th</sup> Jan 2021 →	← 27 <sup>th</sup> Jan 2021 →	← 3 <sup>rd</sup> Feb 2021 →	← 10 <sup>th</sup> Feb 2021 →	← 17
-------	------	------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------	-------------------------------	------

[illegible]

**Rosamma Devasia K**  
Asso. Prof.  
H.O.D. Mathematics  
Providence Women's College  
Kozhikode. Pin: 673009





## PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

# CERTIFICATE

This is to certify that...**ADITHYA SURESH T....2016 - 18**

batch has successfully completed the Add-on course/Certificate Course  
**BASIC STATISTICAL SKILLS IN RESEARCH ANALYSIS** (30 hours duration) conducted by the  
Department of.....**MATHEMATICS**.....in the academic year...**2017.- 18** and has  
passed with.....**14**.... marks. She has also proved her merit in the continuous  
internal assessments with the required attendance.



Dr. Sr. Jesiamma Joseph  
Principal



PROVIDENCE WOMEN'S COLLEGE  
**DEPARTMENT OF PHYSICS**

2017-18



*Certificate Course On*

**ASTRONOMY & ASTROPHYSICS**

**III UG & PG PHYSICS**

**Duration: 30 hrs**





## PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9

DEPARTMENT OF PHYSICS

MINUTES OF THE DEPT COUNCIL HELD ON 3.10.2017

As per the minutes of the meeting held on 3.10.2017 the Dept of Physics has decided to conduct a certificate course on **ASTRONOMY AND ASTROPHYSICS** for the students of III UG & PG for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above-mentioned course will be,

(Name & Signature)

1. Dr. Latha Panakkada (Chairperson)

2. Dr. Sobha A (Member)

3. Dr. Sumangala R (Member)

4. Dr. Sini R (Member)

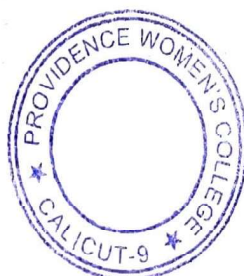
5. Dr. Jeena K (Member)

6. Ms. Siji AJ (Member)

7. Ms. Shija K (Member)

*[Handwritten signatures of the members]*

This has been envisaged to enrich the curriculum.



*[Handwritten signature of the Principal]* Principal  
Providence Women's College  
Principal  
Providence Women's College  
Kozhikode - 673 009

**Department of Physics**  
**Providence Women's College**

**List of Students Enrolled**

Course: Certificate Course on **ASTRONOMY AND ASTROPHYSICS**

Date of Commencement: 4/11/2017

Targeted Group: III BSc Physics & PG Physics

1	ALEENA JACOB	37	ANUSREE PREMARAJ
2	AMALA THOMAS	38	ATHULYA M
3	ANJALI K P	39	FATHIMA SHIRIL P T
4	ANJALI U V	40	GEETHIKA B R
5	ANU K J	41	KRISHNAPRIYA K V
6	ANUGRAHA K	42	M K RIZA
7	ARATHY KRISHNA M	43	MEERA M NAIR
8	ASWANI J K	44	MEKHA MOL
9	ASWANI SURENDRAN T V	45	RONA MARIA SUNIL
10	ASWIMA P	46	SALMA JOSE
11	ATHULYA A	47	SANDRA K M
12	AYANA GOPALAN	48	SREELAKSHMI T
13	BINIT MATHEW	49	AJISHA JAYAN
14	DALIYA M V	50	ANANYA.K
15	DELSIYA WILSON	51	ATHIRA.K.P
16	DRISYA A K	52	NIVA BABU
17	FOUSHIDA	53	RESHMA VENU.K
18	FUADA M	54	ROSMIN DOMINIC
19	KAVYASREE PRAMOD	55	SARANYA.B
20	LAKSHMI K R	56	SARITHA.K
21	MALAVIKA B NAIR	57	SREELAKSHMI.V
22	MANJU DAS C C	58	SREENIJA. C.T
23	NANDHIKA M	59	SREEPRIYA
24	NANDITHA P	60	SREESHNA.S
25	NEETHU K	61	SRUTHI.K.T
26	ROSIN THOMAS		
27	SARIGA C M		
28	SHELMA MATHEW		
29	SILPA MARIYA		
30	SINTA JOSE		
31	SIVAKAMI R		
32	SIVAPRIYA V C		
33	SREELAKSHMI K		
34	SREELAKSHMI V R		
35	TESSY ROSE THOMAS		
36	VARSHA T M		

**Dr. LATHA. P (Panakkada)**  
Head of the Department of Physics  
Providence Women's College  
Kozhikode, Kerala, Pin: 673009



**Certificate course**  
**on**  
**ASTRONOMY AND ASTROPHYSICS**  
**Offered by**  
**Department of Physics, Providence Women's College**  
**2017-18**

**III UG & PG Physics**

**Unit 1: Introduction to Astronomy**

**(9 hours)**

What is Astronomy – Branches of Astronomy - The celestial sphere and stellar magnitudes: constellations, stellar magnitudes, apparent magnitudes – The celestial coordinate system – Precession of Earth's axis.

**Unit 2: History of Modern Astronomy**

**(6 Hrs)**

Ptolemy's model of Universe – Copernican and Galilean contributions – Laws of planetary motion: Tycho Brahe's observations, Kepler's laws – Newton and his law of Universal law of Gravity – Einstein's special and general theories of relativity

**Unit 3: The Solar system**

**(7 hours)**

Formation of solar system: Nebular hypothesis – The Sun: Physical properties – Internal structure – Solar atmosphere - Sun spots – Solar wind, prominences and flares – Physical characteristics of planets in solar system – Earth's motion and Seasons - Lunar and Solar eclipses – Brief familiarisation of solar system objects: Satellites, Asteroid belt, Kuiper belt, Comets and Meteorites.

**Unit 5: Outer Universe**

**(8 hours)**

Properties of stars: luminosity, colour and surface temperature – Spectral types of stars – Hertzsprung-Russell diagram – Evolution of a Sun-like star – Fate of high-mass stars: Supernova, Neutron stars and Black holes (qualitative description only)

– Brief familiarization of Milky Way galaxy, Types of galaxies according to shape.

**REFERENCES**

1. <https://www.space.com/16014-astronomy.html>
2. Introduction to Astronomy and Cosmology – Ian Morison (Wiley)
3. <https://theplanets.org/solar-system/>

Additional Reference:

1. Planet Earth, Cesare Emiliani, (Cambridge University Press)
2. Astrophysics - K. D. Abhayankar (University Press)
3. Introduction to Astrophysics – Baidyanadh Basu



**Dr. LATHA. P (Panakkada)**  
Head of the Department of Physics  
Providence Women's College  
Kozhikode, Kerala, Pin: 673009

**Certificate course**  
**on**  
**ASTRONOMY AND ASTROPHYSICS**

**Offered by**  
**Department of Physics, Providence Women's College**

**Course outcome**

- Familiarize and appreciate the field of astronomy and its relation with various allied fields of Science viz., Physics, Biology, Chemistry, mathematics, Geology, meteorology, etc. as it is multidisciplinary in nature.
- Communicate about celestial objects such as parent stars, planets, dwarf planets, satellite, etc.
- Describe the classification of stars, stellar evolution, interstellar matter, galaxies, etc.
- Current understanding and investigation of the basic knowledge about cosmic threats viz., comets, asteroids, meteoroids.
- Prepare graduates with a strong foundation to pursue an advanced degree in Astronomy or Physics /Astrophysics or seek career in observatory /science education.

**Summary Report**

A certificate course in “ASTRONOMY AND ASTROPHYSICS” with a duration of 30 hrs was offered for Final B. Sc. & PG Physics Students. Dr. Jeena K was the course coordinator. The entire syllabus and assessment were completed by the mid of February 2018. A total of 61 students joined the course and all scored good grades



**Dr. LATHA. P (Panakkada)**  
Head of the Department of Physics  
Providence Women's College  
Kozhikode, Kerala, Pin: 673009



# Attendance

Sl No	Name	4/11	18/11	30/11	5/12	9/12	28/12	Marks	Grade	
1	ALEENA JACOB	X	X	X	X	X	X	41	A	At
2	AMALA THOMAS	X	X	X	X	X	X	42	A	At
3	ANJALI K P	X	X	X	X	X	X	43	A	At
4	ANJALI U V	X	X	X	X	X	X	48	A	At
5	ANU K J	X	X	X	X	X	X	49	A	At
6	ANUGRAHA K	X	X	X	X	X	X	50	A	At
7	ARATHY KRISHNA M	X	X	X	X	X	X	40	A	At
8	ASWANI J K	X	X	X	X	X	X	44	A	At
9	ASWANI SURENDRAN	X	X	X	X	X	X	48	A	At
10	ASWIMA P	X	X	X	X	X	X	41	A	At
11	ATHULYA A	X	X	X	X	X	X	40	A	At
12	AYANA GOPALAN	X	X	X	X	X	X	44	A	At
13	BINIT MATHEW	X	X	X	X	X	X	41	A	At
14	DALIYA M V	X	X	X	X	X	X	49	A	At
15	DELSIYA WILSON	X	X	X	X	X	X	50	A	At
16	DRISYA A K	X	X	X	X	X	X	50	A	At
17	FOUSHIDA	X	X	X	X	X	X	49	A	At
18	FUADA M	X	X	X	X	X	X	48	A	At
19	KAVYASREE	X	X	X	X	X	X	41	A	At
20	LAKSHMI K R	X	X	X	X	X	X	46	A	At
21	MALAVIKA B NAIR	X	X	X	X	X	X	41	A	At
22	MANJU DAS C C	X	X	X	X	X	X	40	A	At
23	NANDHIKA M	X	X	X	X	X	X	41	A	At
24	NANDITHA P	X	X	X	X	X	X	41	A	At
25	NEETHU K	X	X	X	X	X	X	38	B	At
26	ROSIN THOMAS	X	X	X	X	X	X	30	B	At
27	SARIGA C M	X	X	X	X	X	X	39	B	At
28	SHELMA MATHEW	X	X	X	X	X	X	40	A	At
29	SILPA MARIYA	X	X	X	X	X	X	50	A	At
30	SINTA JOSE	X	X	X	X	X	X	30	B	At
31	SIVAKAMI R	X	X	X	X	X	X	41	A	At
32	SIVAPRIYA V C	X	X	X	X	X	X	44	A	At
33	SREELAKSHMI K	X	X	X	X	X	X	45	A	At
34	SREELAKSHMI V R	X	X	X	X	X	X	46	A	At
35	TESSY ROSE THOMAS	X	X	X	X	X	X	41	A	At
36	VARSHA T M	X	X	X	X	X	X	48	A	At
37	ANUSREE PREMARAJ	X	X	X	X	X	X	49	A	At
38	ATHULYA M	X	X	X	X	X	X	50	A	At
39	FATHIMA SHIRIL P T	X	X	X	X	X	X	41	A	At
40	GEETHIKA B R	X	X	X	X	X	X	41	A	At
41	KRISHNAPRIYA K V	X	X	X	X	X	X	44	A	At
42	M K RIZA	X	X	X	X	X	X	45	A	At
43	MEERA M NAIR	X	X	X	X	X	X	46	A	At
44	MEKHA MOL	X	X	X	X	X	X	47	A	At
45	RONA MARIA SUNIL	X	X	X	X	X	X	49	A	At
46	SALMA JOSE	X	X	X	X	X	X	50	A	At

*[Signature]*

47	SANDRA K M	X	X	X	X	X	X	40	A	ST.
48	SREELAKSHMI T	X	X	X	X	X	X	45	A	ST.
49	AJISHA JAYAN	X	X	X	X	X	X	44	A	ST.
50	ANANYA.K	X	X	X	X	X	X	43	A	ST.
51	ATHIRA.K.P	X	X	X	X	X	X	41	A	ST.
52	NIVA BABU	X	X	X	X	X	X	40	A	ST.
53	RESHMA VENU.K	X	X	X	X	X	X	38	B	ST.
54	ROSMIN DOMINIC	X	X	X	X	X	X	37	B	ST.
55	SARANYA.B	X	X	X	X	X	X	40	A	ST.
56	SARITHA.K	X	X	X	X	X	X	45	A	ST.
57	SREELAKSHMI.V	X	X	X	X	X	X	46	A	ST.
58	SREENIJA. C.T	X	X	X	X	X	X	47	A	ST.
59	SREEPRIYA	X	X	X	X	X	X	48	A	ST.
60	SREESHNA.S	X	X	X	X	X	X	49	A	ST.
61	SRUTHI.K.T	X	X	X	X	X	X	50	A	ST.

*(Handwritten signature)*

Dr. LATHA. P (Panakkada)  
Head of the Department of Physics  
Providence Women's College  
Kerala, Pin: 673009





# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that ALEENA JACOB of III UG year,  
Department of PHYSICS has successfully completed the Add-on  
Course / Certificate Course in ASTRONOMY & ASTROPHYSICS  
(30 hours duration) conducted by the Department of PHYSICS in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that MEERA M NAIR of PG year,  
Department of PHYSICS successfully completed the Add-on  
Course / Certificate Course in ASTRONOMY & ASTROPHYSICS  
(30 hours duration) conducted by the Department of PHYSICS in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal



PROVIDENCE WOMEN'S COLLEGE  
DEPARTMENT OF PHYSICS



CERTIFICATE COURSE ON  
**PAGE LAYOUT AND GRAPHIC DESIGN**

2017-18

I BSc & II BSc PHYSICS

Duration:  
30 hrs



## PROVIDENCE WOMEN'S COLLEGE, KOZHIKODE-9

### DEPARTMENT OF PHYSICS

#### MINUTES OF THE DEPT COUNCIL HELD ON 3.10.2017

As per the minutes of the meeting held on 3.10.2017 the Dept of Physics has decided to conduct a certificate course on **PAGE LAYOUT AND GRAPHIC DESIGN** for the students of I&II UG, for a duration of 30 hours. Members of the Design and Development of Curriculum Committee for the above-mentioned course will be,

(Name & Signature)

1. Dr. Latha Panakkada (Chairperson)

2. Dr. Sobha A (Member)

3. Dr. Sumangala R (Member)

4. Dr. Sini R (Member)

5. Dr. Jeena K (Member)

6. Ms. Siji AJ (Member)

7. Ms. Shija K (Member)

*[Handwritten signatures of the members listed above]*

This has been envisaged to enrich the curriculum.



*[Handwritten signature of the Principal]*  
Principal

Providence Women's College  
Principal  
Providence Women's College  
Kozhikode - 673 009



**Department of Physics  
Providence Women's College**

**List of Students Enrolled**

Course: Certificate Course on **Page Layout and Graphic Design**

Date of Commencement: 4./11./2017

Targeted Group: I & II BSc Physics

1	ADRIJA ARAVIND	40	ABHIRAMI AP
2	AGNUS JOSEPH	41	ADVAITHA.V
3	AISHWARYA	42	AISWARYA UDAY
4	AKIFA KUNHU C B V	43	AKHILA V R
5	AMISHA T	44	AMALDA ROSE
6	AMRUTHA.K	45	AMRUTHA K V
7	ANAGHA RAJ	46	ANAMIKA C R
8	ANAGHA.M	47	ANASWARA RAJ L.R
9	ANASWARA SAJEEV	48	ANITA GRACE M
10	ANGANA.B.ASHOK	49	ANJANA N
11	ANJALI.T.VINOD	50	ANJANA.M.P
12	ANJIMA K	51	ANJU SEBASTIAN
13	ANN MARIA GEORGE	52	ANN SANDRA SEBASTIAN
14	ARCHANA.C.P	53	ANSU AUGSTINE
15	ARUNIMA.T.V	54	ARCHANA GIRI NAIR
16	ASHLIN SHAJU	55	ARDRA P V
17	ATHIRA K	56	ASWANA PREMRAJ P
18	BHAGYASREE.S	57	ASWATHI K
19	ENTRITTA TENNYSON	58	ATHULYA A
20	FAREERA	59	ATHULYA M P
21	FATHIMA BATHOOL.M.K	60	BHAVYA S CHANADRAN
22	GAYATHRI.V	61	BINCY C K
23	HARIPRIYA.B	62	DARSANA S
24	MARIA SIBI	63	ELIZABETH JOMY
25	MEGHA.K	64	FATHIMA NISHANA KP
26	MINNU MALAVIKA P	65	GOPIKA S
27	MINNU PETER	66	JASNA P
28	NASNEEM.M.M	67	MALAVIKA UNNI
29	NIJANA.K	68	MARIYA THOMAS
30	RANA BISHARA.C	69	MEGHA RAMESH
31	RESHMA RAJAN	70	MEGHA T
32	SANDRIYA KRISHNAN	71	NEEMADAS PM
33	SNEHA MARIYA	72	RAMYA R
34	SREELAKSHMI.H.S	73	SREELEKHA A
35	SREELAKSHMI.T	74	SUKRITHA P
36	SURYASREE.C	75	SUSMI SUNNY
37	SWETHA.PS	76	VISMAYA SHANKAR M
38	T.A.AMRUTHA		
39	VYSHNA.P.S		

**Dr. LATHA. P (Panakkada)**  
Head of the Department of Physics  
Providence Women's College  
Kozhikode, Kerala, Pin: 673009

# **CERTIFICATE COURSE ON PAGE LAYOUT AND GRAPHIC DESIGN**

## **COURSE SYLLABUS**

**2017-18**

**I BSc & II BSc Physics**

**Duration 30hrs**

- 1. DTP:** INTRODUCTION OF DTP, INTRODUCTION OF NEWSLETTER & LETTERHEADS, INTRODUCTION OF ADVERTISEMENT & VISITING CARD (5 HRS)
- 2. PAGEMAKER:** INTRODUCTION OF PAGEMAKER, IMPLEMENTATION OF PAGEMAKER, USES OF PAGEMAKER, WORKING WITH PAGEMAKER, INTRODUCTION OF PAGEMAKER WINDOWS, INTRODUCTION OF TOOLS OF PAGEMAKER, INTRODUCTION OF MASTER PAGES, WORKING WITH a PUBLICATION, WORKING WITH TEXT, CHANGING THE VIEW OF PAGES, IMPORTING TEXT & GRAPHICS, SAVING & CLOSING OF PUBLICATION (5 HRS)
- 3. TEXT EDITING:** INTRODUCTION OF EDITING PUBLICATION, OPENING AN EXISTING PUBLICATION, EDITING IN A PUBLICATION, INTRODUCTION OF STORY EDITOR, OPENING STORY EDITOR, FINDING & REPLACING OF A WORD IN the STORY, CHECKING TO SPELL IN THE PUBLICATION B-8 CLOSING THE STORY EDITOR CORRECTING MISTAKES, USE OF REVERT OPTION (5 HRS)
- 4. TEXT FORMATTING:** INTRODUCTION OF TEXT FORMATTING, CHANGING FONT ADJUSTING THE GRAPHIC ALONG THE TEXT, CHANGING FONT SIZE & STYLE, TRACKING & KERNING STYLES, the INTRODUCTION OF STYLE SHEET, CREATING a STYLE SHEET, SPECIFYING CHARACTER & PARAGRAPH ATTRIBUTES OF STYLE, APPLYING A STYLE FROM the STYLE SHEET, IMPORTING STYLES, APPLYING BULLETS & NUMBERING (5 HRS)
- 5. MASTER PAGES :** INTRODUCTION OF MASTER PAGES, ADDING TEXT TO THE PUBLICATION D-3 INTRODUCTION OF AUTOFLOW, CREATION OF MASTER PAGES, PLACING ELEMENTS ON MASTER PAGES, PLACING HEADER & PAGE NUMBER, ADDING COLUMNS TO THE PUBLICATION, APPLYING MASTER PAGES, EDITING MASTER PAGES APPLYING ALIGNMENTS & LEADING. (5 HRS)
- 6. GRAPHICS & OBJECTS:** INTRODUCTION OF GRAPHICS & OBJECTS, GETTING FAMILIAR WITH THE TOOL'S CREATION OF GRAPHICS, DISPLAY COLOR PALETTE, ADDING TEXT TO THE GRAPHICS, WRAPPING TEXT AROUND A GRAPHICS, IMPORTING GRAPHICS, RESIZING GRAPHICS, MOVING A GRAPHIC, ADDING CAPTION FOR THE APPLIES, CROPPING A GRAPHICS, GROUPING & UNGROUPING ELEMENTS, LINKS & SETTING DEFAULT LINK OPTION, LINKS MANAGER, CHANGING THE LINK OPTION (5 HRS)



**Dr. LATHA. P (Panakkada)**  
Head of the Department of Physics  
Providence Women's College  
Kozhikode, Kerala, Pin: 673009



**Certificate course**  
**on**  
**Page Layout and Graphic Design**

**Offered by**  
**Department of Physics, Providence Women's College**  
**Course outcome**

Student should be able to:

- Utilise knowledge gained to design and develop media artifacts with a high-quality layout and graphic design features.
- Conceive, create and deliver a range of layout and graphic design media products to a high standard, demonstrating a capacity for critical evaluation and professional competence.
- Competently construct and present hard-copy promotional material adaptable to multiple formats as required using integrated multimedia skills.

**Summary Report**

A Certificate course in “**Page Layout and Graphic Design**” with a duration of 30 hrs was offered for First-year and Second B. Sc. Physics Students. Dr. Sobha A was the course coordinator. The entire syllabus and assessment were completed by the mid of February 2018. A total of 76 students joined the course and all scored good grades.



**Dr. LATHA. P (Panakkada)**  
Head of the Department of Physics  
Providence Women's College  
Kozhikode, Kerala, Pin: 673009

11/2017 9:30-4:30  
12017 10-4 pm  
1/4/2017 10-4 pm  
12/2017 9:30-4 pm  
12/2017 9:30-4  
1/2018 9:30-4:30  
3/2/2018 - 9:30-11

Sl No	Name	4	11	12	13	14	15	16	Marks	Grade
1	ADRIJA ARAVIND	/	X	X	X	X	X	X	45	A
2	AGNUS JOSEPH	/	a	X	X	X	X	X	41	A
3	AISHWARYA	/	X	X	a	X	X	X	43	A
4	AKIFA KUNHU C B V	/	X	X	X	X	X	X	38	B
5	AMISHA T	/	X	a	X	X	X	X	39	B
6	AMRUTHA.K	/	X	X	X	X	X	X	41	A
7	ANAGHA RAJ	/	X	X	X	X	a	X	44	A
8	ANAGHA.M	/	X	X	X	X	X	X	50	A
9	ANASWARA SAJEEV	/	X	X	X	X	X	X	41	A
10	ANGANA.B.ASHOK	/	X	X	X	X	X	X	43	A
11	ANJALI.T.VINOD	/	X	X	a	X	X	X	48	A
12	ANJIMA K	/	X	X	X	X	X	X	49	A
13	ANN MARIA GEORGE	/	X	X	X	X	a	X	50	A
14	ARCHANA.C.P	/	X	X	X	X	X	X	49	A
15	ARUNIMA.T.V	/	X	a	X	X	X	X	47	A
16	ASHLIN SHAJU	a	X	X	X	X	X	X	46	A
17	ATHIRA K	/	X	X	X	X	X	X	38	B
18	BHAGYASREE.S	/	X	X	X	X	a	X	39	B
19	ENTRITA TENNYSON	/	X	X	X	X	X	X	40	A
20	FAREERA	/	X	X	a	X	X	X	41	A
21	FATHIMA	/	X	X	X	X	X	X	42	A
22	GAYATHRI.V	/	X	X	X	X	X	X	43	A
23	HARIPRIYA.B	/	X	X	X	X	X	X	45	A
24	MARIA SIBI	a	X	X	X	X	X	X	46	A
25	MEGHA.K	/	X	X	X	X	X	X	48	A
26	MINNU MALAVIKA P	/	X	a	X	X	X	X	47	A
27	MINNU PETER	/	X	X	X	a	X	X	42	A
28	NASNEEM.M.M	/	X	X	X	X	X	X	41	A
29	NIJANA.K	/	X	X	a	X	X	X	40	A
30	RANA BISHARA.C	/	X	X	X	X	X	X	39	B
31	RESHMA RAJAN	/	X	X	X	X	a	X	38	B
32	SANDRIYA	/	X	X	X	X	X	X	49	A
33	SNEHA MARIYA	/	X	X	X	X	X	X	48	A
34	SREELAKSHMI.H.S	/	X	X	X	X	X	X	50	A
35	SREELAKSHMI.T	/	X	X	X	X	X	X	50	A
36	SURYASREE.C	/	X	X	a	X	X	X	48	A
37	SWETHA.PS	/	X	X	X	X	X	X	47	A
38	T.A.AMRUTHA	/	X	X	X	X	X	X	41	A
39	VYSHNA.P.S	/	X	X	X	X	X	X	42	A
40	ABHIRAMI AP	/	X	X	X	X	X	X	43	A
41	ADVAITHA.V	/	X	X	X	X	a	X	41	A
42	AISWARYA UDAY	/	X	X	X	X	X	X	40	A
43	AKHILA V R	/	X	X	X	X	X	X	40	A
44	AMALDA ROSE	/	X	X	X	X	X	X	39	B
45	AMRUTHA K V	a	X	X	X	X	X	X	40	A

Ady.  
Qu  
& V  
Ak  
Che  
Anak  
Pet  
Mut  
g  
D  
VV  
W!  
m  
Hae  
Sue!  
K  
L  
Gai  
Eat  
Reel  
Guethr  
Nor p:  
Max  
We you  
Plant,  
Nox.  
Nes  
H's  
Rin.  
B.  
Sun  
Swine  
Sark  
Sole  
Howe  
Summe  
Th  
K  
T  
Uve.  
Chle  
And  
Neckl

**Dr. LATHA. P (Panakkada)**  
Head of the Department of Physics  
Providence Women's College  
Kozhikode, Kerala, Pin: 673009



46	ANAMIKA C R	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	18A
47	ANASWARA RAJ L.R	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	18A
48	ANITA GRACE M	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
49	ANJANA N	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
50	ANJANA.M.P	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
51	ANJU SEBASTIAN	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
52	ANN SANDRA	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
53	ANSU AUGSTINE	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	B
54	ARCHANA GIRI NAIR	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
55	ARDRA P V	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
56	ASWANA PREMRAJ P	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
57	ASWATHI K	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
58	ATHULYA A	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
59	ATHULYA M P	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
60	BHAVYA S	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
61	BINCY C K	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
62	DARSANA S	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
63	ELIZABETH JOMY	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
64	FATHIMA NISHANA	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
65	GOPIKA S	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
66	JASNA P	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
67	MALAVIKA UNNI	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
68	MARIYA THOMAS	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
69	MEGHA RAMESH	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
70	MEGHA T	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
71	NEEMADAS PM	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
72	RAMYA R	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
73	SREELEKHA A	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	B
74	SUKRITHA P	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A
75	SUSMI SUNNY	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	B
76	VISMAYA SHANKAR	14/11/2017	18/11/2017	25/11/2017	2/12/2017	9/12/2017	6/1/2018	3/2/2018	A

Latha

Dr. LATHA. P (Panakkada)  
Head of the Department of Physics  
Providence Women's College  
Kozhikode, Kerala, Pin: 673009



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA


## CERTIFICATE

This is to certify that ADRIJA ARAVIND of I B.Sc. year,  
Department of PHYSICS has successfully completed the Add-on  
Course / Certificate Course in PAGE LAYOUT & GRAPHIC DESIGN  
(30 hours duration) conducted by the Department of PHYSICS in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

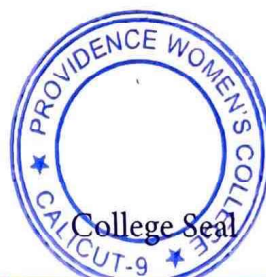
Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that MALAVIKA UNNI of II BSc year,  
Department of PHYSICS has successfully completed the Add-on  
Course / Certificate Course in PAGE LAYOUT & GRAPHIC DESIGN  
(30 hours duration) conducted by the Department of PHYSICS in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



Head of the Department /  
Course Coordinator



Principal

PROVIDENCE WOMEN'S COLLEGE

*Department of Psychology*

**Presents**

ACADEMIC SKILL  
DEVELOPMENT

30 hours

*Certificate course*

2017-2018

PROGRAM COORDINATOR: MS. LIJI P G



# **Meeting Minutes of Certificate Course 2017-2018**

## **Department of Psychology**

### **Providence Women's College, Calicut**

**Minutes Date:** 19/06/2017

Time: 3:15 PM to 4:15 PM

Venue: Staff Room, Psychology Department

**Type of Meeting:** Official

**Meeting Participants:**

- Ms Liji PG
- Ms Amritha
- Ms Ambili Asok

**Points of Discussion**

- Ms Liji discussed about conducting certificate courses for all the three-year psychology students.
- Name of the course was decided as Academic Skill Development
- Ms Liji informed the team about preparing the syllabus before the commencement of classes
- Start date for the course for 3<sup>rd</sup> year were decided as 3<sup>rd</sup> July 2017.
- Start date for 1<sup>st</sup> years and 2<sup>nd</sup> years were decided as October 2017.

**Action Taken**

- Ms Liji to prepare syllabus before commencement of certificate course
- Start date was kept as 3<sup>rd</sup> July 2017 for 2<sup>nd</sup> years and October 2017 for 1<sup>st</sup> years and 2<sup>nd</sup> years

**Minutes Date:** 29/01/2018

Time: 3:15 PM to 4:15 PM

Venue: Staff Room, Psychology Department

**Meeting Participants:**

- Ms Liji PG

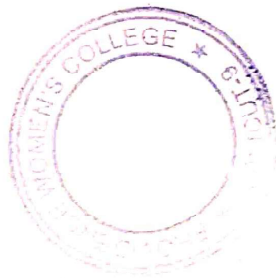
- Ms Amritha
- Ms Ambili Asok

### **Points of Discussion**

- Team discussed about certificate course completion
- Ms. Liji briefed about the outcome of course
- Date was decided for certificate distribution for students who passed exam with required attendance.
- 01/02/2018- was decided for certificate distribution

### **Action Taken**

- Certificate distribution date 01/02/2018



A handwritten signature in black ink, appearing to read "Jenne", written over a horizontal line.

Principal  
Providence Women's College  
Kozhikode - 673 009

Providence Women's College, Calicut

Department of Psychology

Certificate Course- Academic Skill Development

List of Students – 2017-2018

I PSYCHOLOGY

Sl No	Name	Admn No.	Enrolled
1	ADHWAITHA .T S	35025	27-06-2017
2	AGRA. S. KUMAR	35396	21-07-2017
3	AMRUTHA P C	35322	10-07-2017
4	ANAINA VINOD	35245	10-07-2017
5	BHAVANA. V. A	35031	27-06-2017
6	DEVA PRIYA. J	35015	27-06-2017
7	FARSANA	34993	23-06-2017
8	FATHIMA FAIROOSA.P	35501	23-08-2017
9	FATHIMA FEMINA. K	35041	28-06-2017
10	FATHIMATHUL SHANIBA M	35089	28-06-2017
11	GOPIKA .A	35317	10-07-2017
12	GOPIKA G.B	35295	10-07-2017
13	HAFSINA D	34989	23-06-2017
14	HARSHA JOSE	35223	10-07-2017
15	KEERTHANA K V	35271	10-07-2017
16	MAMNOONA MUNAWARAH .A.M	35061	28-06-2017
17	MEGHA MERIA SEBASTIAN	35281	10-07-2017
18	MEGHA P	35029	01-07-2017
19	MEGHA.K	35259	10-07-2017
20	NAFILA MIHRA	34978	23-06-2017
21	NITHA RAHMAN K	35136	06-07-2017
22	RANJU E.P	35193	07-07-2017
23	SANIKA DAS A.K	34987	23-06-2017
24	SNEHA BABURAJ E.K	35129	05-07-2017
25	SONA BABU	35233	10-07-2017
26	SRUTHI K	35074	28-06-2017
27	SURJA GAYATRI	34996	23-06-2017
28	VAISHNAVI. V	35175	06-07-2017

Principal

Providence Women's College

Kozhikode - 673 009



## II- PSYCHOLOGY

SI No	Name	Admn No.	Enrolled
1	ALKA CHAND	34533	11-07-2016
2	ANAGHA K	34958	28-09-2016
3	ANAKHA WILSON	34641	18-07-2016
4	ANJANA KK	34649	19-07-2016
5	ANSIYA SAFAL M K	34743	11-08-2016
6	ANUVRITHA	34502	11-07-2016
7	AQILA IQBAL	34487	11-07-2016
8	ARATHI T	34791	16-08-2016
9	ARDRA BALAN	34469	08-07-2016
10	ASHLY FRANCIS	34614	13-07-2016
11	ASHWATHI NC	34768	12-08-2016
12	ASWATHY M T	34616	13-07-2016
13	ATHIRA P	34443	08-07-2016
14	ATHULYA ZACHARIAS	34732	08-08-2016
15	AYISHA FIDA V	34695	27-07-2016
16	ELNA MATHEW	34630	15-07-2016
17	GAZELA S SALIM	34483	11-07-2016
18	HIBA MUHAMMED	34746	11-08-2016
19	JYOTHIKA VJ	34730	08-08-2016
20	KAVYA M	34456	08-07-2016
21	KRIPA MANOJ	34568	12-07-2016
22	LIYA K.V.	34765	12-08-2016
23	M.FATHIMA	34698	27-07-2016
24	MALASREE KRISHNA	34847	25-08-2016
25	MUBASHIRA	34491	11-07-2016
26	RIYA MALIEKAL	34807	16-08-2016
27	SONA BABY	34529	11-07-2016
28	SONIKA S	34453	08-07-2016
29	SRUTHI KEERTHI SS	34603	12-07-2016
30	SWALIHA P	34808	16-08-2016

## III Psychology

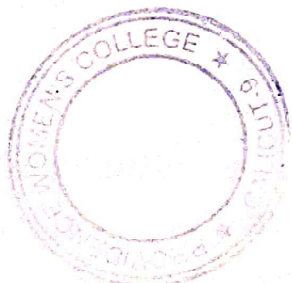
SI No	Name	Enrolled	Admn
-------	------	----------	------

*James*

Principal  
Providence Women's College  
Kozhikode - 673 009



			No.
1	ALEENA THOMAS	18-08-2015	34155
2	ALOSHIN JIJI	23-07-2015	34061
3	ANAGHA M M	09-03-2015	34332
4	ANANYA JOSEPH	23-07-2015	33978
5	ANJALI K	13-07-2015	33859
6	ANJANA KRISHNAN G	18-08-2015	33921
7	ANJANA RAJAN VR	09-07-2015	34333
8	ANUSREE P	23-07-2015	33993
9	ASHLY JAMES	19-08-2015	34323
10	ASWATHY RAJAN V	23-07-2015	34017
11	DEVAPRIYA T	08-10-2015	34281
12	DIVYA P	08-10-2015	34276
13	FATHIMA FEBIN K P	14-07-2015	33883
14	FATHIMA LADEEDA	14-07-2015	33884
15	JAGNA K	31-07-2015	34160
16	JANNATH SHERIN	08-12-2015	34307
17	JILSHA R C	21-07-2015	33955
18	KRISHNENDU M P	14-09-2015	34338
19	MINU SHERIN	23-07-2015	34060
20	NIMISHA P	21-07-2015	33949
21	NIMISHA R	22-07-2015	33962
22	NIMMI T	13-07-2015	33860
23	REESHA P S	08-10-2015	34262
24	SAHLA JASMINE K K	13-07-2015	33873
25	SALEENA N	08-06-2015	34214
26	SRINILA P	25-07-2015	34135
27	SRUTHY JHON	18-08-2015	34059
28	VARSHA P V	13-07-2015	33848



*James*

Principal  
Providence Women's College  
Kozhikode - 673 009

Providence Women's College, Calicut

Department of Psychology

Certificate Course 2017-2018

Course Name- Academic Skill Development

I PSYCHOLOGY

Sl No	Name	Marks	Grade
1	ADHWAITHA. T S	22	B
2	AGRA. S. KUMAR	24	B
3	AMRUTHA P C	28	A
4	ANAINA VINOD	27	A
5	BHAVANA. V. A	28	A
6	DEVA PRIYA. J	30	A
7	FARSANA	28	A
8	FATHIMA FAIROOSA.P	28	A
9	FATHIMA FEMINA. K	22	B
10	FATHIMA THUL SHANIBA M	29	A
11	GOPIKA .A	22	B
12	GOPIKA G.B	29	A
13	HAFSINA D	25	B
14	HARSHA JOSE	22	B
15	KEERTHANA K V	24	B
16	MAMNOONA MUNAWARAH .A.M	28	A
17	MEGHA MERIA SEBASTIAN	27	A
18	MEGHA P	28	A
19	MEGHA.K	30	A
20	NAFILA MIHRA	28	A
21	NITHA RAHMAN K	28	A
22	RANJU E.P	22	B
23	SANIKA DAS A.K	29	A
24	SNEHA BABURAJ E.K	22	B



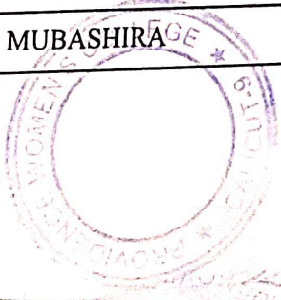
Principal  
Providence Women's College  
Kozhikode - 673 009



25	SONA BABU	29	A
26	SRUTHI K	25	B
27	SURJA GAYATRI	29	A
28	VAISHNAVI. V	22	B

## II- PSYCHOLOGY

Sl No	Name	Admn No.	Enrolled
1	ALKA CHAND	24	B
2	ANAGHA K	24	B
3	ANAKHA WILSON	29	A
4	ANJANA KK	27	A
5	ANSIYA SAFAL M K	28	A
6	ANUVRITHA	29	A
7	AQILA IQBAL	27	A
8	ARATHI T	28	A
9	ARDRA BALAN	22	B
10	ASHLY FRANCIS	29	A
11	ASHWATHI NC	22	B
12	ASWATHY M T	29	A
13	ATHIRA P	25	B
14	ATHULYA ZACHARIAS	22	B
15	AYISHA FIDA V	24	B
16	ELNA MATHEW	28	A
17	GAZELA S SALIM	27	A
18	HIBA MUHAMMED	28	A
19	JYOTHIKA VJ	30	A
20	KAVYA M	28	A
21	KRIPA MANOJ	28	A
22	LIYA K.V.	22	B
23	M.FATHIMA	29	A
24	MALASREE KRISHNA	22	B
25	MUBASHIRA	29	A



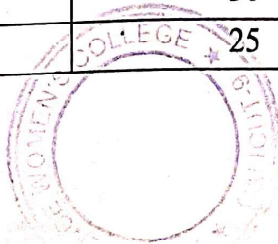
Principal  
 Providence Women's College  
 Kozhikode - 673 009

Kozhikode - 673 009

26	RIYA MALIEKAL	25	B
27	SONA BABY	23	B
28	SONIKA S	22	B
29	SRUTHI KEERTHI SS	26	A
30	SWALIHA P	28	A

### III DC Psychology

Sl No	Mark Details		
	Name	Marks	Grade
1	ALEENA THOMAS	28	A
2	ALOSHIN JIJ	23	B
3	ANAGHA M. M	18	C
4	ANANYA JOSEPH	26	A
5	ANJALI K	29	A
6	ANJANA KRISHNAN G	30	A
7	ANJANA RAJAN VR	29	A
8	ANUSREE P	21	B
9	ASHLY JAMES	27	A
10	ASWATHY RAJAN V	24	B
11	DEVAPRIYA T	21	B
12	DIVYA P	19	C
13	FATHIMA FEBIN K P	30	A
14	FATHIMA LADEEDA	25	B
15	JAGNA K	29	A
16	JANNATH SHERIN	27	A
17	JILSHA R C	26	A
18	KRISHNENDU M P	21	B
19	MINU SHERIN	30	A
20	NIMISHA P	25	B
21	NIMISHA R	27	A
22	NIMMI T	19	C
23	REESHA P S	18	C
24	SAHLA JASMINE K K	29	A
25	SALEENA N	30	A
26	SRINILA P	25	B



Principal  
Providence Women's College  
Kozhikode - 673 000



27	SRUTHY JHON	30	C
28	VARSHA P V	25	B



Principal  
Providence Women's College  
Kozhikode - 673 009

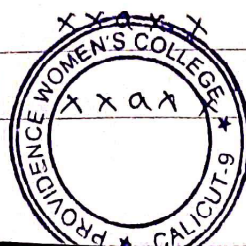
# CERTIFICATE COURSE 2017-18

## I year: ACADEMIC SKILL DEVELOPMENT

	August (10) 4 8 11 18 25	September (10) 8 11 15 22 29	November (6) 4 10 14 17 24
1. Adhwaitba . T. S	x x x a x	x x a x x	x x a x x
2. Agra . S. Kumar	x x x x a	x x a x x	x x x x x
3. Amratha . P. C	x x x x a	x x x x a	x x x x x
4. Anaina Vinod	x x x x a	x x x x a	a x x x x
5. Bhavana . V. A	x x x x x	x x x a x	x x x x x
6. Deva Priya . J	x x x x x	x x x x x	x x x x x
7. Farsana	x x x x x	x x x a x	x x x x x
8. Fathima Fairuosa . P	x x x x x	x x x a x	x x x x x
9. Fathima Femina . K	x x x x x	x x x a x	x x x x x
10. Fathimathul Shaniba . m	x x x x x	x x x x a	x x x a x
11. Gopika . A	x x x x x	a x x x x	x x x a x
12. Gopika . G. B	x x x x x	a x x x x	x x x x x
13. Hafsinah . D	x x x x x	x x x x x	x x x x x
14. Harsha Jose	x x x x x	x x x x x	x x x x x
15. Keerthana . K. V	x x x a x	x x a x x	x x x x x
16. Mamnoona Munawarah . A. M	x x x x a	x x x a x	x x x x a
17. Megha Meria Sebastian	x x x x a	x x x a x	x x x a a
18. Megha . P	x x x x a	x x x x x	x x x a x
19. Megha . K	x x x x x	x x x x x	x x x a x
20. Nafila Mihra	x x x x a	x x x a a	x x x x x
21. Nitha Rahman . K	x x x a x	x x x a x	x x x a a
22. Ranju . E. P	x x x x x	a a x x x	x x x a x
23. Sanika Das . A. K	x x x a x	x x x x x	x x x x x
24. Sneha baburaj . E. K	x x x x x	x x x a x	x x x a a
25. Sona Baba	x x x x x	x x x x x	x x x x x
26. Sruthi . K	x x x x x	x x x x x	x a x x x
27. Surja gayathri	x x x x x	x a x x x	x x x x x
28. Vaishnavi . V	x x a x x	x x a x x	x x x x x

*[Signature]*

Principal  
 Providence Women's College  
 Kozhikode - 673 009



## CERTIFICATE COURSE 2017-18

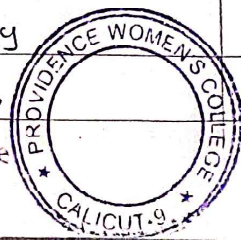
## ACADEMIC SKILL DEVELOPMENT

II Year

August (10 hrs)  
4 8 11 18 25September (10 hrs)  
8 11 15 22 29November (10 hrs)  
4 10 14 17 24

II Year	August (10 hrs) 4 8 11 18 25	September (10 hrs) 8 11 15 22 29	November (10 hrs) 4 10 14 17 24
1. Alka Chand	x x x x a	x x x x a	x x x x a
2. Anagba. k	x x a x x	x x a x x	x x a x x
3. Anakba wilson	x x a x x	x x a x x	x x x x x
4. Anjana. k.k	x x x x x	x x x x x	x x x x x
5. Ansiya Safal. M.k	x x a x x	x x x a x	x x x a x
6. Anuvritba	x x x x x	x x x a x	x x x a x
7. Azila iqbal	x x x a x	x x x a x	x x a x x
8. Arathi. T	x x a x x	x x x x x	x x x x x
9. Andra Balan	x x a x x	x x x x x	x x a x x
10. Ashly Francis	x x a x x	x x a x x	x x x a x
11. Ashwathi. N.c	x x x x x	x x x x x	x x x a x
12. Aswathy. M.T	x x a x x	x x a x x	x x a x x
13. Athira. P	x x a x x	x x a x x	x x a x x
14. Athulya Zacharias	x x a x x	x x x x x	x x x x x
15. Ayisha fida. v	x x x x x	x x a x x	x x a x x
16. Elna Mathew	x x a x x	x x a x x	x x x x x
17. Grazela S Salim	x x x x x	x x x x x	x x x x x
18. Hiba Muhammed	x x x x x	x x x x x	x x x x x
19. Jyothika. V.J	x x x x x	x x a x x	x x a x x
20. Kavya. M	x x a x x	x x a x x	x x x x x
21. Kripa Manoj	x x x x x	x x x x x	x x x x x
22. Liya. k.v	x x x a x	x x x x x	x x x x x
23. M. Fathima	x x x x x	x x x a a	x x x x x
24. Malasree Krishna	x x x x x	x x x a a	x x x x x
25. Mubashira	x x a x x	x x x a a	x x a x x
26. Riya maliekal	x x x x x	x x x x a	x x x x x
27. Sona Baby	x x x x x	x x x a x	x x x a x
28. Sonika. S	x x x x x	x x x x x	x x x a a

Principal  
 Providence Women's College  
 Kozhikode - 673 009





29. Srathi Keerthi . S.S	XXXXa	XXXXX	XXXXXX
30. Swaliba . P	XXXXX	XXXXX	XXXXXa

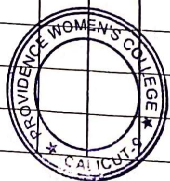
Principal  
 Providence Women's College  
 Kozhikode - 673 009



## III PSYCHOLOGY

	03/07/17	10/07/17	17/07/17	24/07/17	31/07/17	07/08/17	14/08/17	21/08/17	28/08/17	21/08/17	4/09/17	11/09/17	18/09/17	25/09/17	02/10/17	09/10/17	16/10/17	23/10/17	30/10/17	06/11/17	13/11/17	20/11/17	27/11/17	04/12/17	11/12/17	18/12/17	25/12/17
1. Anjana Krishnan k	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2. Anusree	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3. Divya	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4. Jagank	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5. Minu Sherin	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6. Reesha P.S	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7. Saleena .N	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8. Srinila .P	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9. Varsha P.V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10. Aleena thomas	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11. Alosin Jiji	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12. Anaya Joseph	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13. Anjali' k	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
14. Anjana Rajan V.R	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
15. Ashly James	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
16. Aswathy Rajan V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
17. Devapriya T	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
18. Fathima febina k.P	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
19. Fathima Ladeeda	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
20. Janath Sherin	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
21. Jilsha R.C	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
22. Krishnendu M.P	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
23. Nimisha k	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
24. Nimisha P	x	x	x	x	x	x	x	x	a	a	a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
25. Nimmi T	x	a	x	x	x	x	x	x	a	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x	x
26. Sahala Jasmine k.k	x	x	x	x	x	x	x	x	a	x	x	x	x	x	x	a	x	x	x	x	x	x	x	x	x	x	x
27. Soathy Thon	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
28. varsha P.V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	a	a	x	x	x	x	x	x	x	x	x	x

Principal  
 Providence Women's College  
 Kozhikode - 673 009





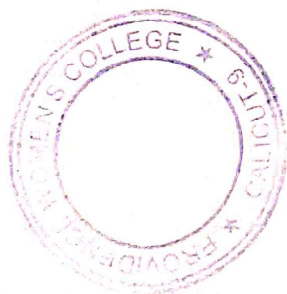
**Providence Women's College, Calicut**  
**Department of Psychology**  
**Certificate Course on Academic Skill Development**  
**2017-2018**


**Summary Report 2017-2018**

Certificate course on "Academic Skill Development" started in the month of July 2017. Entire syllabus was covered and the assessment procedures was completed by January 2018. A total of 86 students attended the course. This includes 28 students from 1<sup>st</sup> year psychology, 30 students from 2<sup>nd</sup> year psychology and 28 students from 3<sup>rd</sup> year B.Sc. Psychology. All students passed the program with good grades. Total of three modules were covered during the period of six months which was spread for 30 hours.

**Details of Faculty are as follows:**

Sl No	Name of Resource Person	Designation	Number of Hours Taken
1	Ms Liji P. G	Guest Lecturer	Total 30 hrs



  
Principal  
Providence Women's College  
Kozhikode - 673 009



# DEPARTMENT OF PSYCHOLOGY

Certificate Course 2017-18

Academic Skill Development

Hours: 30

3 Credits

## Course Objectives

- To bring into awareness among students about basic study skills required for academic growth
- To bring into awareness among students about different learning styles and later identify own learning style and develop a study plan accordingly
- To bring into awareness about the importance of presentation skills and time management for academic success

## Course Outcome

- To learn about the art of note making and the techniques to understand and critically analyse written notes, books and journal articles
- To learn about personal learning style and develop a study plan
- To familiarize with presentation skills and time management skills

### Module-1 Basic study skills

10 Hours

Note-making-note making during class, studying with notes, Understanding and critically reviewing academic texts effectively (books, journal articles)

### Module-II Understanding Learning styles

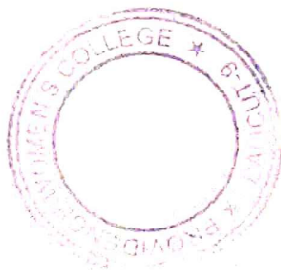
10 Hours

Learning styles- Models, Understanding learning styles-visual, auditory, reading & writing, Kinesthetics, identifying own learning style, Developing a study plan

### Module -III Presentation Skills

10 Hours

Body language and communication skills- Body postures and gestures; Verbal and non-verbal communication skills- importance; Time Management-Planning your time effectively and dealing with procrastination



Principal  
Providence Women's College  
Kozhikode - 673 009



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that **ADHWAITHA. T S** of **2017-20** batch has successfully completed the Add-on course or Certificate course **Academic Skill Development** (30 hours duration) conducted by the Department of **Psychology** in the academic year **2017-18** and has passed with **B** grade. She has also proved her merit in the continuous internal assessments with the required attendance.



**Principal**

Providence Women's College

Kozhikode - 673 009



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that **ANAKHA WILSON** of **2016-19** batch has successfully completed the Add-on course or Certificate course **Academic Skill Development** (30 hours duration) conducted by the Department of **Psychology** in the academic year **2017-18** and has passed with **A grade**. She has also proved her merit in the continuous internal assessments with the required attendance.



**Principal**

Providence Women's College

Kozhikode - 673 009





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that **JANNATH SHERIN** of **2015-18** batch has successfully completed the Add-on course or Certificate course **Academic Skill Development** (30 hours duration) conducted by the Department of **Psychology** in the academic year **2017-18** and has passed with **A grade**. She has also proved her merit in the continuous internal assessments with the required attendance.



**Principal**

Providence Women's College

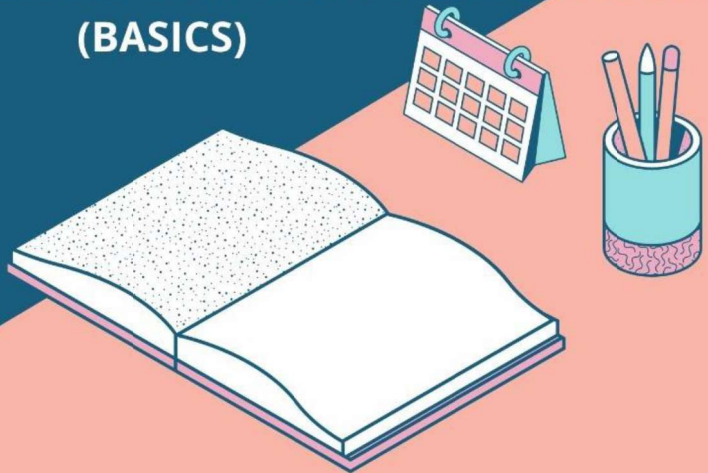
Kozhikode - 673 009

PROVIDENCE WOMEN'S COLLEGE CALICUT  
DEPARTMENT OF TRAVEL AND TOURISM MANAGEMENT

# CERTIFICATE COURSE

## COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (BASICS)

30 HOURS  
FIRST YEARS  
2017-18



CERTIFICATE COURSE FOR FIRST YEAR, SECOND YEAR AND FINAL YEAR STUDENTS

- In 2017-18, we decided to start certificate course for First and Second year students from January
- For final years, it was decided to begin the course from October
- Course co-ordinators are Ms. Smitha (Final years) and Ms. Anjali (First years and Second years)
- Syllabus is related to Tourism and Hospitality Industry
- Duration is 30 hours
- Communicative skills and Ethics in Tourism Industry (Basics) for 1 years, Communicative skills and Ethics in Tourism Industry (Advanced) for 2<sup>nd</sup> years and Tourism in India for Final years
- Evaluation of the students is based on exam
- Certificate will be issued at the end of the course.



SMITHA S  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut



# 2017-18 - SYLLABUS - I YEARS

SYLLABUS-Certificate course-1 years-2017-18

FIRST YEARS-COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (BASICS)

## OBJECTIVES

- To know the channels of communication
- To recognise the power of communication in Tourism industry

## COURSE OUTCOME

- Students can know the significance of Listening Skills in the Business World.
- They can understand the process of Listening and Time management

## Unit-I Introduction

Definition – Process – Types – Channels of Communication – Importance of Communication – Benefits of Business communication – Barriers and fillers of communication – Listening skills.

## Unit – II Non – Verbal Communication:

Role of Non-Verbal communication ,, postures, eye contact, space mangement, Importance of time mangement, barriers to effective time management.

## Unit-III Foundation of Business Communication

– Business letters, memos-types of memos - foundations of business communication

## REFERENCES

1. Manadal S.K. (2007), Effective Communication and Public Speaking, Jaico, Mumbai.
2. Bovee, Thill & Schatzman (2003), Business Communication Today, Pearson, New Delhi.
3. Jenkins IR & Jif JJ 'Planning the Advertising Campaign', Macmillan, 1973 4. Chunawalla SA 'Advertising sales and Promotion Management', Himalaya, 2001.

SMITHA S  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut

2017-18 - BTMM - I YEARS

CERTIFICATE COURSE EXAM-2017-18 -FIRST YEAR BTMM

COMMUNICATION SKILLS AND ETHICS IN TOURISM INDUSTRY (BASICS)

Time: 2 Hours

Maximum Marks: 50

Section - A ( $4 \times 5 = 20$ ) Answer any FOUR questions

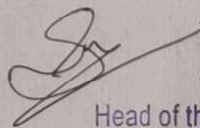
Q1)

- a) Communication across culture
- b) Time Management
- c) Interviews
- d) Gestures
- e) Letters
- f) E-mail

Section - B ( $2 \times 15 = 30$ ) Answer the questions

Q2) Define the term 'Communication' and discuss the need for effective communication in modern world.

Q3) Evaluate the role and importance of Body Language in communication?



SMITHA S

Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut

1 YEAR BTM-CERTIFICATE  
COURSE 2017-18

Travel and  
Tourism  
Management Name of Certificate Course

Name	BATCH	Communicative Skills and Ethics in Tourism Industry (Basics)
1.ABHIRAM P R	1BTM	Enrolled
2.ALEESHA SUNNY	1BTM	Enrolled
3.AMINA SHYMA BASHEER	1BTM	Enrolled
4.ANANYA SHYAM	1BTM	Enrolled
5.APARNA M	1BTM	Enrolled
6.AYISHA NEHA	1BTM	Enrolled
7.AYSHA HIBA E	1BTM	Enrolled
8.AYSHA THESNEEM P P	1BTM	Enrolled
9.AZLIHA N K	1BTM	Enrolled
10.BAHIJAJAN T	1BTM	Enrolled
11.BINCY P	1BTM	Enrolled
12.DHUA ZAIN MV	1BTM	Enrolled
13.FATHIMA P K	1BTM	Enrolled
14.FATHIMA SHIBLA	1BTM	Enrolled
15.FATHIMATHU SHIFLA T	1BTM	Enrolled
16.FIDA MARIYAM V	1BTM	Enrolled
17.FIRRA FATHIMA E	1BTM	Enrolled
18.HANA YAKOOB	1BTM	Enrolled
19.HIBA HASSAN	1BTM	Enrolled
20.HIMANI G	1BTM	Enrolled
21.HOURIA	1BTM	Enrolled
22.KRISHNA K S	1BTM	Enrolled
23.NIHAI A K P	1BTM	Enrolled
24.PRIYANKA V S	1BTM	Enrolled
25.RISHANA	1BTM	Enrolled
26.SANA SALEEM K M	1BTM	Enrolled
27.SANDRA THERESA BABU	1BTM	Enrolled
28.SHIFA P M	1BTM	Enrolled
29.SIBA SALEEM	1BTM	Enrolled
30.SREELAKSHMI	1BTM	Enrolled
31.TEJANA K SAMPAT	1BTM	Enrolled

 SMITHA S  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut



2017-18

## ATTENDANCE - CERTIFICATE COURSE - 1 YEARS - 201

ATTENDANCE-FIRST YEAR BTM-CERTIFICATE COURSE (2017-18) FIRST YEARS- COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (BASICS)

Sl No	NAME	Max.Hrs 30	COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (ADVANCED)														
			JANUARY (10hrs) 2 5 10 16 24					FEBRUARY (10) 2 7 10 20 26					MARCH(10) 5 7 15 20 22				
1	ABHIRAMI	28	X	X	Ab	X	X		X	XXXX				X	XXXX		
2	ALEESHA	30	X	X	X	X	X		XXXXX				X	XXXX			
3	AMINIA	28	X	X	X	Ab	X		X	XXXX			X	XXXX			
4	ANANYA	28	X	X	X	X	X		X	XXXX			X	Ab	X	XX	
5	APARNA	28	X	X	X	X	X		X	XAb	X	X	X	X	XXXX		
6	AYISHA NEHA	28	X	X	X	X	X		X	XAb	XX		X	XXXX			
7	AYISHA HIBA	28	X	X	X	X	X		X	XXAb	X		X	XXXX			
8	AYISHA THEWNEEM	28	X	Ab	X	X	X		X	XXXX			X	XXXX			
9	AZLIHA	28	X	X	X	X	X		X	XXXX			Ab	X	XXX		
10	BAHIYAJAN	30	X	X	X	X	X		X	XXXX			X	XXXX			
11	BINCY	26	X	X	Ab	X	X		X	XXXX			X	XXXAb			
12	DHUA ZAIN	30	X	X	X	X	X		X	XXXX			X	XXXX			
13	FATHIMA P.L	30	X	X	X	X	X		X	XXXX			X	XXXX			
14	FATHIMA SHIBLA	28	X	X	Ab	X	X		X	XXXX			X	XXXX			
15	FATHIMATHU SHILA	30	X	X	X	X	X		X	XXXX			X	XXXX			
16	FIDA MARIYAM	30	X	X	X	X	X		X	XXXX			X	XXXX			
17	FIRRA FATHIMA	30	X	X	X	X	X		XXXXX				X	XXXX			
18	HANA YAKOUB	30	X	X	X	X	X		X	XXXX			X	XXXX			
19	HIBA HASSAN	30	X	X	X	X	X		X	XXXX			X	XXXX			
20	HIMANI	28	X	X	Ab	X	X		X	XXXX			X	XXXX			
21	HOORIA	28	X	X	X	X	X		X	X	X	Ab	X	X	XXXX		
22	KRISHNA K.S	30	X	X	X	X	X		XXXXX				X	XXXX			
23	NIHALA K.P	30	X	X	X	X	X		X	XXXX			X	XXXX			
24	PRIYANKA V.S	28	X	X	X	X	X		X	XXXX			Ab	X	XXX		
25	RISHANA	30	X	X	X	X	X		X	XXXX			X	XXXX			
26	SANA SALEEM	30	X	X	X	X	X		X	XXXX			X	XXXX			
27	SANDRA	26	X	X	Ab	X	X		X	X	X	Ab	X	X	XXXX		
28	SHIFA P.M	30	X	X	X	X	X		X	XXXX			X	XXXX			
29	SIBASALEEM	30	X	X	X	X	X		X	XXXX			X	XXXX			
30	SreeLakshmi	30	X	X	X	X	X		X	XXXX			X	XXXX			
31	TEJNA	30	X	X	X	X	X		X	XXXX			X	XXXX			

SMITHA S  
Head of the Department of  
Tourism Management  
Providence Women's College

# CERTIFICATE COURSE

## RESULT - I YEARS - BTM - 2017-18

I YEAR BTM-CERTIFICATE Travel and  
COURSE 2017-18

Tourism  
Management Name of Certificate Course

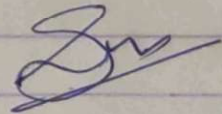
Name	Max.Marks 50	Communicative Skills and Ethics in Tourism Industry (Basics)		Result
		Grade		
ABHIRAMI P R	48	A	PASS	<i>Abirami</i>
ALEESHA SUNNY	47	A	PASS	<i>Aleesha</i>
AMINA SHYMA BASHEER	43	B	PASS	<i>Amina</i>
ANANYA SHYAM	46	A	PASS	<i>Ananya</i>
APARNA M	49	A	PASS	<i>Aparna</i>
AYISHA NEHA	42	B	PASS	<i>Ayisha</i>
AYSHA HIBA E	45	A	PASS	<i>Aysha</i>
AYSHA THESNEEMI P P	45	A	PASS	<i>Aysha</i>
AZLIHA N K	44	B	PASS	<i>Azliha</i>
BAHIYAJAN T	45	A	PASS	<i>Bahiyajan</i>
BINCY P	46	A	PASS	<i>Bincy</i>
DHUA ZAIN M V	45	A	PASS	<i>Dhua</i>
FATHIMA P K	47	A	PASS	<i>Fathima</i>
FATHIMA SHIBLA	48	A	PASS	<i>Fathima</i>
FATHIMATHU SHIFLA T	47	A	PASS	<i>Fathima</i>
FIDA MARIYAM V	46	A	PASS	<i>Fida</i>
FIRRA FATHIMA E	47	A	PASS	<i>Firra</i>
HANA YAKOOB	46	A	PASS	<i>Hana</i>
HIBA HASSAN	48	A	PASS	<i>Hiba</i>
HIMANI G	47	A	PASS	<i>Himani</i>
HOURLA	47	A	PASS	<i>Hourla</i>
KRISHNA K S	48	A	PASS	<i>Krishna</i>
NIHALA K P	49	A	PASS	<i>Nihala</i>
PRIYANKA V S	48	A	PASS	<i>Priyanka</i>
RISHANA	49	A	PASS	<i>Rishana</i>
SANA SALEEM K M	47	A	PASS	<i>Sana</i>
SANDRA THERESA BABU	49	A	PASS	<i>Sandra</i>
SHIFA P M	46	A	PASS	<i>Shifa</i>
SIBA SALEEM	48	A	PASS	<i>Siba</i>
SREELAKSHMI	47	A	PASS	<i>Sreelakshmi</i>
TEJNA K SAMPAT	49	A	PASS	<i>Tejna</i>

SMITHA S  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut



Summary - (2017-18) First year.  
 Certificate course on 'Communicative skills  
 and Ethics in Tourism Industry - Basics'

In the academic year 2017-18, TTM department conducted a certificate course on 'Communicative skills and Ethics in Tourism Industry - Basics' for first year students. The objective of the course is to recognize the power of communication in Tourism Industry. They could understand the process of listening skills and Time management. The course was handled by Ms. Anjali. The duration of the class was 30 hours from January 2018 to March 2018. 31 students were enrolled in this course.



SMITHA . S

SMITHA S  
 Head of the Department of Travel &  
 Tourism Management  
 Providence Women's College, Calicut





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **Abhirami P.R**  
of **2017-20** batch has successfully completed the Add-on course/Certificate  
Course..... **Communicative Skills and Ethics in Tourism Industry (Basics)**.....(30  
hours duration) conducted by the Department of..... **TTM**.....in the  
academic year. **2017-18**...and has passed with..... **A**.....grade. She has also proved  
her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **Aparna M**.....  
of **2017-20** batch has successfully completed the Add-on course/Certificate  
Course. **Communicative Skills and Ethics in Tourism Industry (Basics)**.....(30  
hours duration) conducted by the Department of..... **TTM**.....in the  
academic year. **2017-18**...and has passed with..... **A**.....grade. She has also proved  
her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE


(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **Siba Saleem**.....  
of **2017-20** batch has successfully completed the Add-on course/Certificate  
Course. **Communicative Skills and Ethics in Tourism Industry (Basics)**.....(30  
hours duration) conducted by the Department of..... **TTM**.....in the  
academic year. **2017-18**...and has passed with..... **A**.....grade. She has also proved  
her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesamma Joseph  
Principal

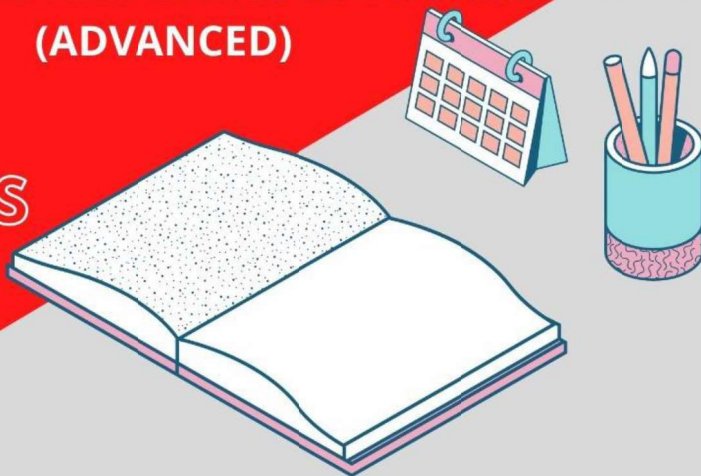


**PROVIDENCE WOMEN'S COLLEGE CALICUT**  
**DEPARTMENT OF TRAVEL AND TOURISM MANAGEMENT**

# **CERTIFICATE COURSE**

**COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY**  
**(ADVANCED)**

**30 HOURS**  
**SECOND YEARS**  
**2017-18**



## II YEAR BTM - 2017-18

SYLLABUS-Certificate course-Second years-2017-18

### SECOND YEARS-COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (ADVANCED)

#### OBJECTIVES

- To recognise the power of communication in Business
- To know the benefits of effective communication in business

#### COURSE OUTCOME

The course helps the students to explore the uses of body language in communication.

Students can identify the speaker's real intention

They can exhibit the right body language on all occasions

##### Unit-1

Importance of Communication skills in Tourism, Communication across cultures – Team Building – communication challenges in tourism sector.

##### Unit-11

Public speaking –Designing and delivering of presentations- Group presentations-Group Discussions – Interviews- Participation in meetings agenda-minutes.

##### Unit-111

Professional Ethics and Etiquette: Components of ethics, Role of etiquette in tourism sector and hospitality, e-mail-etiquette, Telephone etiquette – Positive thinking.

#### REFERENCES

1. Kaul, Asha (2005), Effective Business Communication, PHI, New Delhi.
2. Munter Mary (2002), Guide to Managerial Communication: Effective Writing & Speaking, PHI, New Delhi.

SMITHA S  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut

# II YEAR BTM - 2017-18

## SECOND YEAR BTM-CERTIFICATE COURSE (2017-18)

### COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (ADVANCED)

Sl No	NAME	BATCH	COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (ADVANCED)
1	AKSHARA SUDHIR	2BTM	ENROLLED
2	ALISHA K.P	2BTM	ENROLLED
3	AMEL MENZA	2BTM	ENROLLED
4	AMREEN AYSHA	2BTM	ENROLLED
5	AMRUTHA E	2BTM	ENROLLED
6	ARAF K.V	2BTM	ENROLLED
7	FAIMA A.P	2BTM	ENROLLED
8	FARISHA ABDULRASAK	2BTM	ENROLLED
9	FATHIMA HIBA	2BTM	ENROLLED
10	FATHIMA MUSTHAFA	2BTM	ENROLLED
11	FATHIMATH SAHALA	2BTM	ENROLLED
12	FATHIMATH SANA	2BTM	ENROLLED
13	HAFA SATH	2BTM	ENROLLED
14	HISANA HENNA P.K	2BTM	ENROLLED
15	HUSSAINA ABBAS	2BTM	ENROLLED
16	JAHAANA SIRIN	2BTM	ENROLLED
17	JASEELA V.P	2BTM	ENROLLED
18	JINAN PARVIN P.P	2BTM	ENROLLED
19	KADEEJA E.V	2BTM	ENROLLED
20	MANJU K.P	2BTM	ENROLLED
21	NAHLA	2BTM	ENROLLED
22	NAJIA GAFOOR	2BTM	ENROLLED
23	NASIFA C P	2BTM	ENROLLED
24	RAWAN K P	2BTM	ENROLLED
25	ROOBY NIHALA	2BTM	ENROLLED
26	SARIKA K	2BTM	ENROLLED
27	SHEHSAHA MARIYAM K.T	2BTM	ENROLLED
28	UNNIMAYA B S	2BTM	ENROLLED



**SMITHA S**  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut



**ATTENDANCE-SECOND YEAR BTM-CERTIFICATE COURSE (2017-18)**  
**SECOND YEARS-COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY(ADVANCED)**

Sl No	NAME	Max.Hrs 30	COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (ADVANCED)				
			JANUARY (10hrs) 3 6 9 12 5	FEBRUARY (10) 3 7 8 13 24	MARCH(10) 3 6 7 8 10		
1	AKSHARA SUDHIR	30	X XXXX	X XXXX	X XXXX		
2	ALISHA K.P	28	X XXXX	Ab XXXX	X XXXX		
3	AMEL MENZA	30	X XXXX	X XXXX	X XXXX		
4	AMREEN AYSHA	30	X Ab X XX	X XXXX	X XXXX		
5	AMRUTHA E	30	X XXXX	X XXXX	X XXXX		
6	ARAFAT K.V	26	X XXXAb	X XXXX	X XX Ab X		
7	FAIMA A.P	30	X XXXX	X XXXX	X XXXX		
8	FARISHA ABDULRASAK	30	X XXXX	X XXXX	X XXXX		
9	FATHIMA HIBA	30	X XXXX	X XXXX	X XXXX		
10	FATHIMA MUSTHAFA	30	X XXXX	X XXXX	X XXXX		
11	FATHIMATH SAHALA	24	X XAb X X	X XAb XX	X XXXAb		
12	FATHIMATH SANA	30	X XXXX	X XXXX	X XXXX		
13	HAFSATH	28	X XXXX	X XXAb X	X XXXX		
14	HISANA HENNA P.K	30	X XXXX	X XXXX	X XXXX		
15	HUSSAINA ABBAS	30	X XXXX	X XXXX	X XXXX		
16	JAHANA SIRIN	30	X XXXX	X XXXX	X XXXX		
17	JASEELA V.P	28	X XXXX	Ab X XXX	X XXXX		
18	JINAN PARVIN P.P	30	X XXXX	X XXXX	X XXXX		
19	KADEEJA E.V	30	X XXXX	X XXXX	X XXXX		
20	MANJU K.P	28	X XXXX	X XAb X X	X XXXX		
21	NAHLA	30	X XXXX	X XXXX	X XXXX		
22	NAJIA GAFOOR	30	X XXXX	X XXXX	X XXXX		
23	NASIFA C P	28	X XAb X X	X XXXX	X XXXX		
24	RAWAN K P	30	X XXXX	X XXXX	X XXXX		
25	ROOBY NIHALA	30	X XXXX	X XXXX	X XXXX		
26	SARIKA K	28	X XXXX	X XAb X X	X XXXX		
27	SHEHSADA MARIYAM K.T	28	X XAb X X	X XXXX	X XXXX		
28	UNNIMAYA B S	28	X XXXX	X XXAb X	X XXXX		

**SMITHA S**  
 Head of the Department of Travel &  
 Tourism Management  
 Providence Women's College, Calicut

# II YEAR BTM - 2017-18

## RESULT-SECOND YEAR BTM-CERTIFICATE COURSE (2017-18)

### COMMUNICATIVE SKILLS AND ETHICS IN TOURISM INDUSTRY (ADVANCED)

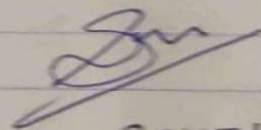
Sl No	NAME	Max.Marks 50	Grade	Result
1	AKSHARA SUDHIR	48	A	PASS
2	ALISHA K.P	49	A	PASS
3	AMEL MENZA	47	A	PASS
4	AMREEN AYSHA	45	A	PASS
5	AMRUTHA E	46	A	PASS
6	ARAF K.V	47	A	PASS
7	FAIMA A.P	48	A	PASS
8	FARISHA ABDULRASAK	47	A	PASS
9	FATHIMA HIBA	46	A	PASS
10	FATHIMA MUSTHAFA	48	A	PASS
11	FATHIMATH SAHALA	45	A	PASS
12	FATHIMATH SANA	45	A	PASS
13	HAFSATH	44	B	PASS
14	HISANA HENNA P.K	43	B	PASS
15	HUSSAINA ABBAS	49	A	PASS
16	JAHAANA SIRIN	43	B	PASS
17	JASEELA V.P	44	B	PASS
18	JINAN PARVIN P.P	46	A	PASS
19	KADEEJA E.V	47	A	PASS
20	MANJU K.P	46	A	PASS
21	NAHLA	45	A	PASS
22	NAJIA GAFOOR	46	A	PASS
23	NASIFA C P	45	A	PASS
24	RAWAN K P	46	A	PASS
25	ROOBY NIHALA	47	A	PASS
26	SARIKA K	48	A	PASS
27	SHEHSADA MARIYAM K.T	45	A	PASS
28	UNNIMAYA B S	46	A	PASS

SMITHAS  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut



## Summary of the Course (2017-18) BTM Communicative Skills & Ethics in Tourism Industry (Basics) (Advanced) - Second year

In the academic year 2017-18, TTM dept. conducted a certificate course for second year students "Communicative Skills & Ethics in Tourism Industry (Advanced)". This course was the continuation of "Communicative Skills & Ethics in Tourism Industry (Basics)". This course helped the students to recognize the power of communication in Tourism Industry. The course was handled by Ms. Anjali. The duration of the class was 30 hours from January 2018 to March 2018. 88 students were enrolled in this course.



SMITHA S





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **Alisha K.P**  
of **2016-19** batch has successfully completed the Add-on course/Certificate  
Course **Communicative Skills and Ethics in Tourism Industry (Advanced)**.....(30  
hours duration) conducted by the Department of..... **TTM**.....in the  
academic year. **2017-18**...and has passed with..... **A**.....grade. She has also proved  
her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesiamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that.....**Arafa**.....  
of **2016-19** batch has successfully completed the Add-on course/Certificate  
Course **Communicative Skills and Ethics in Tourism Industry (Advanced)**.....(30  
hours duration) conducted by the Department of.....**TTM**.....in the  
academic year **2017-18**...and has passed with.....**A**.....grade. She has also proved  
her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that..... **Fathima Hiba**.....  
of **2016-19** batch has successfully completed the Add-on course/Certificate  
Course **Communicative Skills and Ethics in Tourism Industry (Advanced)** (30 hours  
duration) conducted by the Department of..... **TTM**..... in the academic  
year..... **2017-18** and has passed with.... **A**..... grade. She has also proved  
her merit in the continuous internal assessments with the required attendance.



  
Dr. Sr. Jesamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

*DEPARTMENT*  
*OF TRAVEL AND*  
*TOURISM*  
*MANAGEMENT*

FINAL YEARS



TOURISM IN INDIA

CERTIFICATE  
COURSE  
2017-18

30 HOURS

COURSE COORDINATOR SMITHA S

Ms.Smitha

## OBJECTIVES

To develop and promote tourism, maintain competitiveness of India as tourist destination  
To improve and expand existing tourism products to ensure employment generation and  
economic growth.

## COURSE OUTCOME

The main outcome is the knowledge in the field of different destinations of India and various  
attractions which helps in promoting Indian Tourism

## Syllabus

Unit I: Introduction Tourism products: meaning, characteristics, classification Heritage:  
meaning, types, heritage sites of India Historic monuments of tourist significance: forts, palaces,  
museums, art galleries

Unit II: Architecture & religion Architectural Heritage of India Popular religious centers of  
India: Hindu, Buddhist, Jain, Muslim and Christian

Unit III: Nature based products Islands and beaches Deserts and Hill stations Protected areas:  
Wildlife sanctuaries, national parks

## References

1. K. Gupta, Tourism and Heritage Resources In Garhwal Himalaya, (Kaveri Book Service India,  
New Delhi, 2002). 2. World Economic Forum (2017), Incredible India 2.0 India's \$20 Billion  
Tourism Opportunity. 3. E. De Kadt, Tourism Passport to Development, (Oxford University  
Press, Oxford, 1979). 4. T. Lin, and Y. Sung, Tourism and Economic Diversification in Hong  
Kong, Annals of Tourism Research, 11, 1984, 231-247. 5. C. R. Goeldner, and J. R. Ritchie,  
Tourism: Principles, Practices, Philosophies-11th Edition, (John Wiley & Sons, Inc., Hoboken,  
New Jersey, 2009).

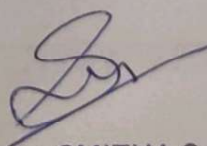


SMITHA S

Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut

# Certificate Course-Students Enrolled-Final years-Tourism in India-2017-18

1	ABIVANDYA RAMESH
2	ANJALA PARVEEN
3	ANJANA B
4	ARYA K
5	ASHNA M K
6	ASMA MUSTAFA
7	BIBINA K
8	DILSHIYA C C
9	ELIZABETH JOSE
10	FAHIMA FEBIN P
11	FATHIMA MINISINA
12	FATHIMA SHADA OCHARAKKAL
13	FATHIMA SULHA I K
14	JAMSEENA
15	JASILA P P
16	KADEEJA SAFWA
17	LIYANA MOHAMMED MANSOOR
18	NAWARA NAZER
19	NOWRIN SYED
20	PRINSIKA M
21	REEMA RASHEED P P
22	RENITTA JOY A J
23	RIFANA RIYAD N P
24	RIFNA P
25	SAFOORA USMAN
26	SAHLA A K
27	SHIJINA P A
28	SHILPA A
29	SHILPA CHANDRAN K K
30	SREEDHUNA C
31	TANYA GILTAN K
32	VYSHNAVI V



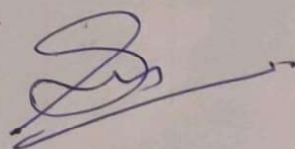
**SMITHA S**  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut



# ATTENDANCE - 2017-18

Sl No	Name	Oct	Nov	Dec	Total (30 hours)
1	ABIVANDYA RAMESH	8	9	8	25
2	ANJALA PARVEEN	8	8	7	22
3	ANJANA B	8	9	10	27
4	ARYA K	8	8	9	25
5	ASHNA M K	10	9	8	27
6	ASMA MUSTAFA	9	8	10	27
7	BIBINA K	10	10	8	28
8	DILSHIYA C C	8	8	8	24
9	ELIZABETH JOSE	9	9	9	27
10	FAHIMA FEBIN P	9	10	10	29
11	FATHIMA MINISINA	8	8	8	24
12	FATHIMA SHADA OCHARAKKAL	7	9	10	26
13	FATHIMA SULHA I K	8	10	8	26
14	JAMSEENA	9	8	8	25
15	JASILA P P	10	10	9	29
16	KADEEJA SAFWA	8	8	9	25
17	LIYANA MOHAMMED MANSOOR	9	8	8	24
18	NAWARA NAZER	10	9	7	26
19	NOWRIN SYED	8	9	8	25
20	PRINSIKA M	9	8	8	24
21	REEMA RASHEED P P	10	7	7	24
22	RENITTA JOY A J	8	8	8	24

23	RIFANA RIYAD N P	10	9	8	27
24	RIFNA P	9	8	9	26
25	SAFOORA USMAN	8	8	9	25
26	SAHLA A K	10	8	9	27
27	SHIJINA P A	9	10	8	27
28	Shilpa A	8	8	8	24
29	SHILPA CHANDRAN K K	9	8	8	24
30	SREEDHUNA C	10	9	7	26
31	TANYA GILTAN K	8	9	8	25
32	VYSHNAVI V	9	9	9	27



SMITHA S  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut

# RE-SULT - 2017-18

Sl No	Name	marks	Grade	Result
1	ABIVANDYA RAMESH	48	A	pass
2	ANJALA PARVEEN	46	A	pass
3	ANJANA B	47	A	pass
4	ARYA K	46	A	pass
5	ASHNA M K	48	A	pass
6	ASMA MUSTAFA	45	A	pass
7	BIBINA K	46	A	pass
8	DILSHIYA C C	47	A	pass
9	ELIZABETH JOSE	48	A	pass
10	FAHIMA FEBIN P	46	A	pass
11	FATHIMA MINISINA	48	A	pass
12	FATHIMA SHADA OCHARAKKAL	45	A	pass
13	FATHIMA SULHA I K	46	A	pass
14	JAMSEENA	47	A	pass
15	JASILA P P	45	A	pass
16	KADEEJA SAFWA	46	A	pass
17	LIYANA MOHAMMED MANSOOR	48	A	pass
18	NAWARA NAZER	47	A	pass
19	NOWRIN SYED	46	A	pass
20	PRINSIKA M	48	A	pass

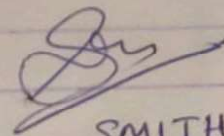
21	REEMA RASHEED P P	47	A	pass
22	RENITTA JOY A J	46	A	pass
23	RIFANA RIYAD N P	47	A	pass
24	RIFNA P	45	A	pass
25	SAFOORA USMAN	47	A	pass
26	SAHLA A K	45	A	pass
27	SHIJINA P A	47	A	pass
28	Shilpa A	48	A	pass
29	SHILPA CHANDRAN K K	47	A	pass
30	SREEDHUNA C	47	A	pass
31	TANYA GILTAN K	45	A	pass
32	VYSHNAVI V	47	A	pass

Head of the Department of Travel & Tourism Management  
 Providence Women's College, Calicut



## Summary of the programme.

Department of TTM conducted a certificate course on 'Tourism in India'. The objective of the course is to develop and promote tourism, and to maintain competitiveness of India as tourist destination. This course helped them to understand the destination of India. The paper was handled by Mr. Smitha. The duration of the course was 30 hours and 32 students enrolled in this course.



SMITHA - S

SMITHA S  
Head of the Department of Travel &  
Tourism Management  
Providence Women's College, Calicut



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that...**Bibina K.....**

**2015-2018**

batch has successfully completed the Add-on course/Certificate Course  
(**Tourism in India** (30 hours duration) conducted by the  
**BTTM** Department of.....in the academic year..**2017-18** and has  
passed with.....**A**... marks. She has also proved her merit in the continuous  
internal assessments with the required attendance.



Dr. Sr. Jesamma Joseph  
Principal



# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that...**Jamseena.....**

**2015-2018**

batch has successfully completed the Add-on course/Certificate Course  
(**Tourism in India** (30 hours duration) conducted by the  
**BTTM** Department of.....in the academic year..**2017-18** and has  
passed with.....**A**... marks. She has also proved her merit in the continuous  
internal assessments with the required attendance.



  
Dr. Sr. Jesamma Joseph  
Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with potential for excellence Re-accredited with grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin: 673009, Kerala, INDIA

## CERTIFICATE

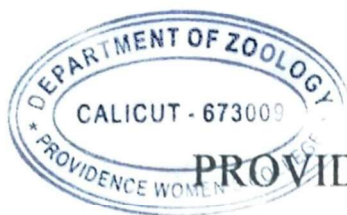
This is to certify that...**Arya K.....**

**2015-2018**

batch has successfully completed the Add-on course/Certificate Course  
(**Tourism in India** (30 hours duration) conducted by the  
**BTTM**  
Department of.....in the academic year..**2017-18** and has  
passed with.....**A**... marks. She has also proved her merit in the continuous  
internal assessments with the required attendance.



  
Dr. Sr. Jesamma Joseph  
Principal



PROVIDENCE WOMEN'S COLLEGE, CALICUT

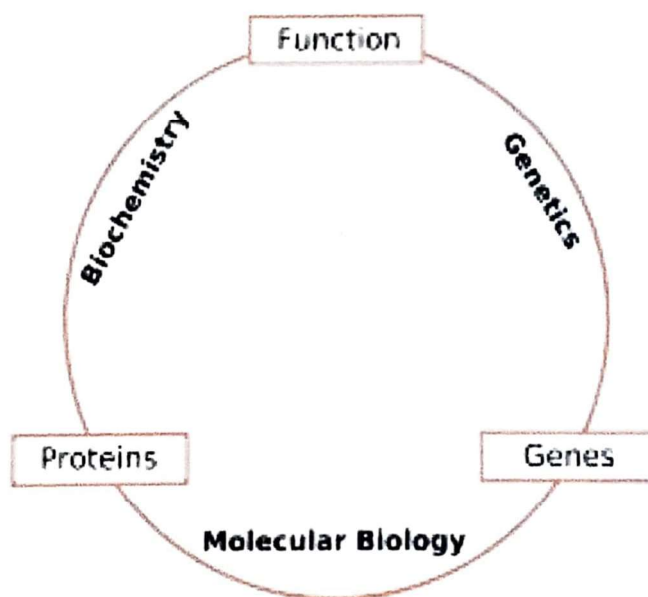
DEPARTMENT OF ZOOLOGY  
2017-18

Offers

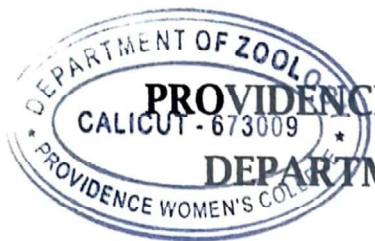
***CERTIFICATE COURSE***

***IN***

**BASIC TECHNIQUES IN MOLECULAR BIOLOGY**



Duration : 30 Hours



**PROVIDENCE WOMEN'S COLLEGE, CALICUT**

**DEPARTMENT OF ZOOLOGY: 2017-18**

## **Certificate Course On**

### ***BASIC TECHNIQUES IN MOLECULAR BIOLOGY***

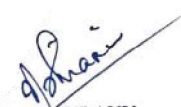
Duration: 30 hours

#### **Course Objectives:**

Rapid advancements in the field of molecular biology have stimulated research and significantly impacted progress in all the areas of biological sciences. The main objective is to acquaint the target group with a focused and comprehensive hands-on training on basic molecular biology. The training will consist of sessions of scientific lectures, and practical sessions to impart thorough understanding about the molecular tools and techniques.

#### **Course Outcomes:**

1. Understand principles, procedure, result in interpretation, the dos, and don'ts in wet lab procedures.
2. The objective of this course is to provide the very basic knowledge of Physical Chemistry and Biology, which acts as foundation to imbibe the details of the specialized course as outlined in rest of the curriculum.
3. The course is interdisciplinary and describes interaction between various domains of natural sciences.
4. It will introduce students to statistical methods in order to understand the underlying principles, as well as practical guidelines of "how to do it" and "how to interpret it" statistical data particularly for bio systems.

  
DR. N. H. ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009





## SYLLABUS

### Molecules of life (25 hours)

- Structure and Water, Concept of pH / pKa, isoelectric pH (pI) and Buffer.
- Carbohydrate: Structure, Function and properties of Monosaccharides (Hexoses and pentoses), Disaccharides (sucrose, lactose, maltose), structural polysaccharide (glycogen, starch and cellulose).
- Lipids : Definition and classification of lipids, Structure and function of fatty acid, storage lipids, structural lipids .
- Roles of lipid in Membrane structure, fluid Mosaic model of membrane structure, Transport of small molecules (Passive and active transport), Transport of macromolecules (exocytosis, endocytosis, phagocytosis, pinocytosis).
- Amino acids: structure of twenty amino acids, classification, titration curve of amino acids, concept of zwitterionic structure, physical and chemical properties.
- Proteins: classification of proteins-different level of structural organization of proteins(primary, secondary, tertiary & quaternary), forces stabilizing protein structure and shape, physical and chemical properties.

### LAB SESSIONS (5 hrs)

Qualitative tests for monosaccharide, disaccharide & polysaccharide

Qualitative tests for amino acid, protein.

Qualitative tests for lipids

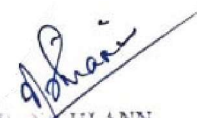
Identification of unknown compounds (from sugars, polysaccharide, lipid, amino acid and protein)

Estimation of protein by Lowry method using colorimeter.

Calculation of R<sub>f</sub> value and separation of unknown amino acid by paper chromatography.

### Suggested Reading

1. Sharma, D.K. (2013) Biochemistry. Narosa Publishing House
2. Nelson D. L. and Cox M.M. (2008) Lehninger Principles of Biochemistry, 5th Edition., W.H. Freeman and Company
3. Voet, D. and Voet J.G (2004) Biochemistry 3rd edition, John Wiley and Sons.

  
DR. N. J. ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009




PROVIDENCE WOMEN'S COLLEGE

B.Sc ZOOLOGY -2017-18

LIST OF STUDENTS : I B.Sc ZOOLOGY

CERTIFICATE COURSE : *Basic Techniques In Molecular Biology*

Sl No	Name
1	ADHEENA E.K.
2	ADHITHYA T.P.
3	ANAGHA A.
4	ANJANA VINAYAN K.M.
5	ANUPAMA M.
6	ANUSHA THOMAS S.H
7	ASHWANI C.K.
8	ASLA T.P
9	ASWANI V
10	ASWINI P
11	DARSHANA K.
12	DHANYA JOSEPH K.
13	FARSHANA SHIRIN P.M.
14	FASNA N.
15	HANEENA ZUBEDA
16	JAMNEESHA SHERIN A.M.
17	KRISHNENDU S.
18	LAKSHMI K.
19	MANJU T.
20	MARIETTE ANN PAUL
21	MARIYA JOMON
22	MEGHA S. NAIR
23	NAINA ELIZABATH N.S.
24	NAJIYA NASRIN P.
25	NIHARIKA R.
26	PARVATHI R.
27	PRIYA AUGUSTINE
28	SHAMIYA THASNEEM K.
29	SNEHA P.P.
30	SNEHA TREESA MATHEW
31	SREERAMYA P.
32	SRUTHI K.
33	SURYA K.
34	VAYSHNA M.P.

  
DR. NISHI ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009





# BASIC TECHNIQUES IN MOLECULAR BIOLOGY - 2017-18

## I. B.Sc ZOOLOGY - 2017-18

No.	NAME														
1.	Adheena E.K.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2.	Adithya T.P.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3.	Anagha A.	/	/	/	/	/	a	/	/	/	/	/	/	/	/
4.	Anjana Vinayan KM	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5.	Anupama M.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	Anusha Thomas	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7.	Ashwari C.K.	/	a	/	/	/	/	/	/	/	/	/	/	/	/
8.	Asla T.P.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9.	Aswari V.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10.	Aswini P.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11.	Darshana K.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	Dhanya Joseph	/	a	/	/	/	/	/	/	/	/	/	/	/	/
13.	Farshana Sherin	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14.	Fasna N.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15.	Hareena Zubaida	/	/	/	/	/	/	/	/	a	/	/	/	/	/
16.	Jamneesha Sherin	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17.	Krishnadevi S.	a	/	/	/	/	/	/	/	/	/	/	/	/	/
18.	Lakshmi K.	/	/	/	/	/	/	/	/	/	/	/	/	/	/

19.	Nanji T.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20.	Maricelle Ann Paul	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21.	Mariya Jomon	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	Megha S. Nair	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23.	Naina Elizabeth HS.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24.	Najiya Nazrin	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25.	Niharika R.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26.	Paivathi R.	/	/	/	/	/	/	/	/	/	a	/	/	/	/
27.	Priya Augustine	/	/	/	/	/	a	/	/	/	/	/	/	/	/
28.	Shanviya Thasneem	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29.	Shreha P.P.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30.	Shreha Treasa Mahesh	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31.	Sree Ranya P.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32.	Shruthi K.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33.	Surya K.	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34.	Vaishnavi M.P.	/	/	/	/	/	/	/	/	/	/	/	/	/	/

DR. NISHU ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009





PROVIDENCE WOMEN'S COLLEGE

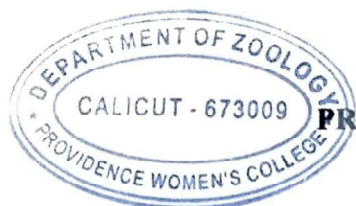
DEPARTMENT OF ZOOLOGY

I YEAR ZOOLOGY 2017-18

MARK LIST OF BASIC TECHNIQUES IN  
MOLECULAR BIOLOGY

Sl No	Name	Marks /100	Grade
1	ADHEENA E.K.	98	A
2	ADHITHYA T.P.	98	A
3	ANAGHA A.	95	A
4	ANJANA VINAYAN K.M.	99	A
5	ANUPAMA M.	97	A
6	ANUSHA THOMAS S.H	98	A
7	ASHWANI C.K.	97	A
8	ASLA T.P	96	A
9	ASWANI V	96	A
10	ASWINI P	95	A
11	DARSHANA K.	97	A
12	DHANYA JOSEPH K.	98	A
13	FARSHANA SHIRIN P.M.	99	A
14	FASNA N.	96	A
15	HANEENA ZUBEDA	97	A
16	JAMNEESHA SHERIN A.M.	95	A
17	KRISHNENDU S.	99	A
18	LAKSHMI K.	98	A
19	MANJU T.	99	A
20	MARIETTE ANN PAUL	98	A
21	MARIYA JOMON	98	A
22	MEGHA S. NAIR	97	A
23	NAINA ELIZABATH N.S.	98	A
24	NAJIYA NASRIN P.	98	A
25	NIHARIKA R.	99	A
26	PARVATHI R.	97	A
27	PRIYA AUGUSTINE	96	A
28	SHAMIYA THASNEEM K.	98	A
29	SNEHA P.P.	99	A
30	SNEHA TREESA MATHEW	97	A
31	SREERAMYA P.	95	A
32	SRUTHI K.	96	A
33	SURYA K.	98	A
34	VAYSHNA M.P.	99	A

  
DR. NISHI ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009



**PROVIDENCE WOMEN'S COLLEGE, CALICUT -9**  
**DEPARTMENT OF ZOOLOGY 2017-18**

**Name Of Programme : Certificate Course In**  
**“BASIC TECHNIQUES IN MOLECULAR BIOLOGY”**

**Number of students enrolled: 34**

**Class: I B.Sc Zoology**

**Duration: 30 hrs**

**Resource Persons:**


1. Dr. Vijeesh, Senior Analyst, Amplicon Biolabs
2. Dr. Nishi Ann, Assistant Professor, Dept of Zoology , PWC
3. Dr. Sangeetha G. Kaimal, Assistant Professor, Dept of Zoology , PWC
4. Dr. E Julie, Assistant Professor, Dept of Zoology , PWC

**Course Outcome:**

- To get introduced to the basic concepts of Molecular Biology,
- To understand structure and design of proteins, enzymes and their activity
- To know about biochemical changes
- To provide hands on training on various equipments and instruments

**Summary of Programme:**

The department of zoology conducted a certificate course In “*Basic Techniques in Molecular Biology*,” was held I B. Sc Zoology students for a total of 30hrs duration. They were assessed on theory and practical examinations. A certificate was also awarded.

  
DR. NISHI ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009



# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that ..... Ms. Asla, T.P ..... of ..... I ..... year,  
Department of ..... ZOOLOGY ..... has successfully completed the ~~Add-on~~  
~~Course~~ / Certificate Course in ..... BASIC TECHNIQUES IN MOLECULAR BIOLOGY .....  
(30 hours duration) conducted by the Department of ..... ZOOLOGY ..... in the  
academic year ..... 2017-18 ..... and has passed with ..... A ..... grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



Head of the Department /  
Course Coordinator



Principal





# PROVIDENCE WOMEN'S COLLEGE

(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that Ms. MARIETTE ANN PAUL of I year,  
Department of ZOOLOGY has successfully completed the Add-on  
Course / Certificate Course in BASIC TECHNIQUES IN MOLECULAR BIOLOGY  
(30 hours duration) conducted by the Department of ZOOLOGY in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator

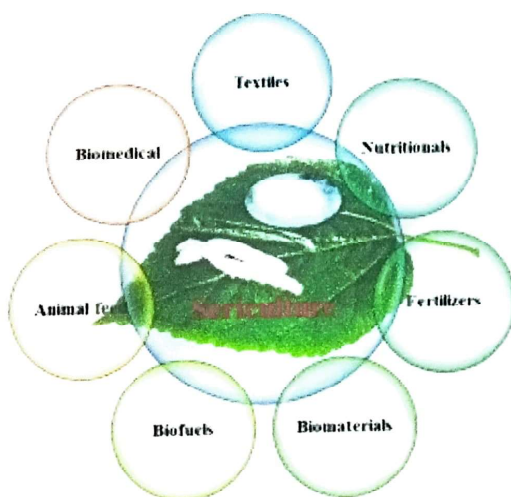


  
Principal

**PROVIDENCE WOMEN'S COLLEGE, CALICUT**  
**DEPARTMENT OF ZOOLOGY**

2017-18

**Offers**  
***CERTIFICATE COURSE***  
**in**  
**SERICULTURE**



Duration : 30 Hours



**PROVIDENCE WOMEN'S COLLEGE, CALICUT**

**DEPARTMENT OF ZOOLOGY: 2021-22**

## **Certificate Course On**


### **SERICULTURE-**

#### **Course objectives**

- To develop a thorough knowledge about the cultivation of mulberry,
- To develop interest in the field of Agriculture science among students.
- To cultivate public awareness and appreciation for Sericulture as a hobby and science.
- To motivate students for scientific study in the field of Agro-based Industry by performing simple projects and field visits.
- To developed the skill, how to develop and earn regular incomes through sericulture
- To understand many Government Subsidies' and facilities are provided for the motivation of poor farmers.

#### **Course Outcomes:**

- On completion of the Sericulture course, students will be able to understand overall aspects of Sericulture, namely, Mulberry and non-mulberry silkworms and their food plants.
- Rearing of the silkworm, Silkworm pathology, Process of silkworm seed production and silk technology.
- This course creates awareness among students about the economic importance and suitability of Sericulture in Indian conditions
- Students will learn various technologies involved in Sericulture.
- Students will get hands-on training on Mulberry nursery management, and silkworm rearing.

  
DR. N. H. ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009





## SYLLABUS

DURATION : 30 hrs

### Unit-1

(5 HRS)

1. Introduction to Sericulture-Origin and history of Sericulture- Silk road, spread of Sericulture to Europe, South Korea, Japan, India and other countries.
2. Sericulture map of India and World: Components of Sericulture.
3. Sericultural practices in tropical and temperate climate;
4. Employment generation in sericulture-Role of women in sericulture

### Unit-2

(8 HRS)

- 1 Textile fibres: Types- natural and synthetic fibres- types of silk produced in India; Importance of mulberry silk.
2. Sericultural practices in rain-fed and irrigated conditions; traditional and non-traditional areas.
3. Sericulture organization in India and Karnataka; role of state departments of Sericulture,
4. Central Silk Board, Universities and NGOs in Sericulture development.

### Unit 3

(8 HRS)

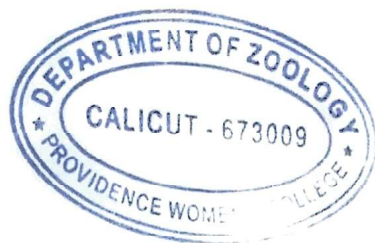
- 1.Characteristic features of the order Lepidoptera;
- 2.Detailed study of the families Saturnidae and Bombycidae.
3. Classification of sericigenous insects.
- 4.Classification of silkworms based on moultinism, voltinism and geographical distribution;
5. popular silkworm breeds and hybrids of Karnataka

### Unit 4

(6 HRS)

- 1.Silkworm Biology;
2. Life cycle of Bombyx mori- Morphology of egg, larva, pupa and adult of Bombyx mori..
3. Sex separation in larva, pupa and adult of the silkworm Bombyx mori

## Practicals



(3 HRS)

### General Sericulture;

#### 1. Sericulture maps:

(a) World maps and Silk Road.

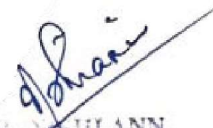
(b) Sericulture map of India and Karnataka.

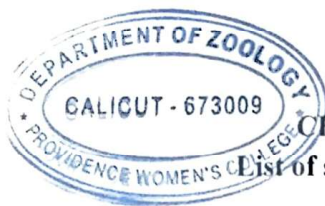
#### 2. Preparation of histograms and pie charts on:

(a) Production of textile fibres in India.

(b) World silk production.

(c) Pie chart on mulberry and non-mulberry silk production in India.

  
DR. N. M. ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009



**PROVIDENCE WOMEN'S COLLEGE**


**B.Sc Zoology**

**CERTIFICATE COURSE IN SERICULTURE**

**List of students:**

**II YEAR ZOOLOGY 2017-18**

1	ADITHYA.P
2	AISWARYA JAMES
3	AISWARYA.C
4	AISWARYA.P.P
5	AJUNUL FARZA.P.P
6	AKHILA.T
7	ALBY MARIA MATHEW
8	ALIYA MARIYAM.K.K
9	ANAMIKA.S
10	ANJALI.P.C
11	ANUSREE.C
12	ARATHI DAS.M T
13	ARCHANA.C
14	ASHINA.V.P
15	ASHNA.M
16	AVANI.M
17	CAROLIN THRESIA BABY
18	GANIYA SHIRIN.M
19	HITHAMOL.K.S
20	JISNA JOSEPH
21	KEERTHANA.P.V
22	MANJU MANEESHI.P.V
23	MARILYN ANTONY.A.S
24	NITHARA TOM
25	RADHIKA.R
26	RAJISHA RAVEENDRAN
27	ROSE SUSAN.V.R
28	SHIFANA.P.P
29	SHILPA.S
30	SREETHI.K.S
31	SWATHI SANTHOSH
32	THASNEEM.C.K
33	VANDANA.M
34	VENESSA JOSE

  
DR. N. J. ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009



31  
32  
33  
34

Rajisha R.  
Sreedhar K.S  
Vandana M.  
Vancea Jose

[illegible]

DR. N. H. ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009



PROVIDENCE WOMEN'S COLLEGE

DEPARTMENT OF ZOOLOGY

II YEAR ZOOLOGY 2017-18

MARK LIST OF SERICULTURE (Certificate Course)

Sl No	Name	Marks/100	Grade
1	ADITHYA.P	98	A
2	AISWARYA JAMES	97	A
3	AISWARYA.C	96	A
4	AISWARYA.P.P	97	A
5	AJUNUL FARZA.P.P	98	A
6	AKHILA.T	99	A
7	ALBY MARIA MATHEW	99	A
8	ALIYA MARIYAM.K.K	97	A
9	ANAMIKA.S	95	A
10	ANJALI.P.C	96	A
11	ANUSREE.C	96	A
12	ARATHI DAS.M T	98	A
13	ARCHANA.C	99	A
14	ASHINA.V.P	97	A
15	ASHNA.M	96	A
16	AVANI.M	99	A
17	CAROLIN THRESIA BABY	98	A
18	GANIYA SHIRIN.M	98	A
19	HITHAMOL.K.S	97	A
20	JISNA JOSEPH	97	A
21	KEERTHANA.P.V	96	A
22	MANJU MANEESHI.P.V	96	A
23	MARILYN ANTONY.A.S	99	A
24	NITHARA TOM	98	A
25	RADHIKA.R	99	A
26	RAJISHA RAVEENDRAN	99	A
27	ROSE SUSAN.V.R	97	A
28	SHIFANA.P.P	95	A
29	SHILPA.S	96	A
30	SREETHI.K.S	95	A
31	SWATHI SANTHOSH	95	A
32	THASNEEM.C.K	95	A
33	VANDANA.M	98	A
34	VENESSA JOSE	99	A

  
 DR. VISHU ANN  
 ASST. PROFESSOR & HEAD  
 DEPARTMENT OF ZOOLOGY  
 PROVIDENCE WOMEN'S COLLEGE  
 CALICUT- 673 009





**PROVIDENCE WOMEN'S COLLEGE, CALICUT -9**  
**DEPARTMENT OF ZOOLOGY 2017-18**

**Name Of Programme : Certificate Course In SERICULTURE**

**Number of students enrolled: 34**

**Class: II B.Sc Zoology**

**Duration: 30 hrs**

**Resource Persons:**

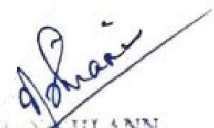
1. Dr. Joy N.Joy senior scientist, Central Sericulture Board, Palakkad
2. Dr. Nishi Ann, Assistant Professor, Dept of Zoology , PWC
3. Dr. Sangeetha G. Kaimal, Assistant Professor, Dept of Zoology , PWC
4. Dr. E Julie , Assistant Professor, Dept of Zoology , PWC

**Course Outcome:**

- On completion of the Sericulture course, students will be able to understand overall aspects of Sericulture, namely, Mulberry and non-mulberry silkworms and their food plants.
- Rearing of the silkworm, Silkworm pathology, Process of silkworm seed production and silk technology.
- This course creates awareness among students about the economic importance and suitability of Sericulture in Indian conditions
- Students will learn various technologies involved in Sericulture.
- Students will get hands-on training on Mulberry nursery management, and silkworm rearing.

**Summary of Programme:**

The department of zoology conducted a certificate course In "sericulture" was held in the month of February 2018 for II B. Sc Zoology students for a total of 30hrs duration. They were assessed on theory and practical examinations. A certificate was also awarded.

  
DR. NISHI ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT- 673 009





# PROVIDENCE WOMEN'S COLLEGE


(College with Potential for Excellence  
Re-accredited with Grade A+ (3.52 gp) by the NAAC)

Kozhikode, Pin : 673009, Kerala, INDIA

## CERTIFICATE

This is to certify that ALSWARYA JAMES of II year,  
Department of ZOOLOGY has successfully completed the ~~Add-on~~  
~~Course~~ / Certificate Course in SERICULTURE  
(30 hours duration) conducted by the Department of ZOOLOGY in the  
academic year 2017-18 and has passed with A grade. She has also proved her merit in  
the continuous internal assessments with the required attendance.



  
Head of the Department /  
Course Coordinator



  
Principal

## **Add On Course**

# UNIVERSITY OF CALICUT

## (Abstract)

Add on Course - Regulations and Scheme - implemented with effect from 2010 admission onwards - orders issued.

### GENERAL AND ACADEMIC BRANCH - I 'E' SECTION

No.GAI/E3/8661/2007.

Dated, Calicut University P.O, 04.03.2010.

- Read: 1. Item No.1 of the minutes of the meeting of Advisory Committee on Add on Courses held on 30.09.2009.  
2. Item No.III a.29 of the minutes of the meeting of the Academic Council held on 21.11.2009.

### ORDER

The meeting of the Advisory Committee on Add on Courses as per paper read as first above resolved the following.

- For the Add on Courses one paper of 30 hours teaching each - maximum 100 marks for a Certificate Course during the 1<sup>st</sup> year.
- In the second year for the Diploma Course there will be another paper in addition to the Certificate Course paper in the same subject of 30 hours teaching - maximum 100 marks.
- For the Advanced Diploma Course there will be one more paper with 30 hours teaching of 100 marks in addition to the papers of the Certificate and Diploma Courses.
- Of the total marks 75 marks are for external and 25 marks for internal from 2010 admission onwards. Internal examination includes practical examination.

As per paper read as second the Academic Council has resolved to ratify the action of the Vice-Chancellor in having implemented the minutes of the Advisory Committee held on 30.09.2009.

Sanction has therefore been accorded to implement the above decision of the meeting of the Advisory Committee on Add-on Courses held on 30.09.2009.

Orders are issued accordingly.

Sd/-

**JOINT REGISTRAR (G&A-I)**

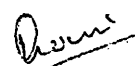
**For REGISTRAR.**

To

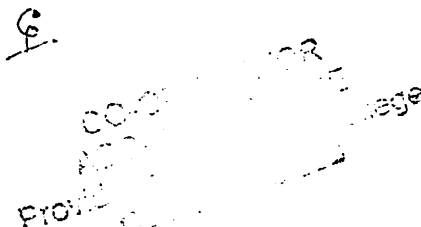
The Principals  
Colleges offering Add on Courses.

Copy to: 1. CE/ COP Section  
2. GAI 'B, J' Sections/SF/DF/FC.

Forwarded/By Order



**SECTION OFFICER.**







UNIVERSITY OF CALICUT

Abstract

UGC aided career oriented Programme-Add-on Courses-Permitting the colleges which are willing to continue the Courses after the tenure of five years-Syndicate Decision Implemented-orders issued.

---

JCE4-OFFICE

U.O.No. 91/2015/PB

Dated, Calicut University.P.O, 10.04.2015

---

*Read:-*1. Letter no. B126/UGC/COP/2014 dtd.Nil.

2. Circular No. CDC/B2/2317/COP/2004 dtd.29.05.2006

3. U.O No. GA./E3/8661/07 (sub file) dtd. 31.10.2008

4. Item no 2015.167 of the minutes of the meeting of the Syndicate held on 04.02.2015.

5. The minutes of the Standing Committee on Staff of Affiliated Colleges & Affiliation held on 25.02.2015

6. Item no. 2015.345 of the minutes of the meeting of the Syndicate held on 21.03.2015

ORDER

As per the paper read (1) above, the Principal, Prajyothi Nikethan College, Pudukkad has requested to conduct the examination for UGC aided Career Oriented Add-on courses titled 'Yoga & Health Care' and 'Web Technology' sanctioned by the UGC and started in the year 2007-08 in the college and exams were conducted till 2011-12 whereas as per the circular read (2), assistance from the UGC is available as one time 'seed money' for 5 years. More over there is a U.O referred (3) above, implementing the Syndicate resolution that no extension be granted to Add-on courses in aided affiliated colleges since the courses were sanctioned by the UGC for a fixed period.

The matter of permitting the colleges which are willing to continue UGC aided Career oriented Add-on courses after the tenure of 5 years and enhancing the administrative fee to be collected from these colleges were placed before the Syndicate held on 04.02.2015 and as per the paper read (4) above, it was deferred for detailed study by the Standing Committee on Staff of Affiliated Colleges & Affiliation.

As per paper read as 5<sup>th</sup>, the Standing Committee on Staff of Affiliated Colleges & Affiliation considered the question of permitting the colleges to continue UGC aided Career Oriented Add-on

programmes after the tenure of 5 years and to revise the administrative fee to be collected from the colleges which are willing to continue the programme and reported that the colleges can approach the University for continuation of Programmes and administrative fee may be enhanced to ₹ 10,000/- for this purpose.

The Syndicate, as per the paper read as 6<sup>th</sup>, resolved to approve the report of the Standing Committee on Staff of Affiliated Colleges & Affiliation.

Sanction has been accorded by the Vice Chancellor to implement the Syndicate Decision.

The following orders are therefore issued.

The colleges which are willing to continue UGC aided Career Oriented Add-on programmes after the tenure of 5 years can approach the University for continuation and the administrative fee to be collected from these colleges has been enhanced to ₹10,000/-

Pavithran E.P  
Deputy Registrar

To

The Principals of the Colleges concerned

Copy to:

PS to VC/PA to Registrar/PA to CE/Fin/JDLFA/SF/DF/FC

Forwarded / By Order

Section Officer



**UNIVERSITY OF CALICUT**  
**PAREEKSHA BHAVAN**  
**(B.Sc. Branch)**

Grams : UNICAL  
Office : 0494 -2407214, 291  
E-mail :  
[ice4@universityofcalicut.info](mailto:ice4@universityofcalicut.info)

CALICUT UNIVERSITY.P.O.  
MALAPPURAM DT, KERALA,  
INDIA - PIN: 673635

No.ES XIV/COP/2017-18

Dated: 23.07.2018

From

The Controller of Examinations

**CONFIDENTIAL**

To

The Principal  
Providence Women's College  
Calicut

Sir/Madam,

Sub: Conduct of Add-On Course Examination-2018 - Forwarding Question Papers and list of candidates - Reg.

Ref: Letter dated 17.02.2018 from the Principal

\*\*\*\*\*

While forwarding herewith the list of candidates, question paper statement and question papers, I am to request you to conduct the examination on a date convenient to you at the earliest, under intimation to the undersigned.

Evaluation may be made immediately after completion of the examination and marks may be uploaded in the link provided by the University.

10  
23-7-18

Yours faithfully,

DEPUTY REGISTRAR - VI (Exams)  
For Controller of Examinations

Encl: As above





**UNIVERSITY OF CALICUT**  
**PAREEKSHA BHAVAN**  
**(B.Sc. Branch)**

Grams : UNICAL  
Office : 0494 -2407214, 291  
E-mail :  
[ice4@universityofcalicut.info](mailto:ice4@universityofcalicut.info)

CALICUT UNIVERSITY.P.O.  
MALAPPURAM DT, KERALA,  
INDIA -- PIN: 673635

No.COP/Add on Courses/2019

Dated:03-06-2019

From  
The Controller of Examinations  
To  
The Principal  
Providence Women's College,  
Calicut,


Sir/Madam,  
Sub: Add-On Course Examinations April 2018 - Results published - Marklists  
and Certificates - forwarding of - Reg.  
Ref:Lr. dt.22-01-2019


With reference to the above, I am to forward herewith the Marklists and Certificates of the candidates appeared for the Add on Course Certificate/Diploma/Advanced Diploma Examinations April 2018, along with two copies of the Nominal Roll for further necessary action.

I am further to inform you that the candidates who secure 40% of the aggregate marks are eligible for a pass. Candidate who secure 50% to 59% of the total mark will be placed Second class. Candidates who secure 60% to 79% of the total marks will be placed in the First Class and those who secure 80% and above will be given Distinction.

There will be no revaluation/improvement/scrutiny of the answer scripts. No separate supplementary examination will be conducted for the failed candidates. Failed candidates will be permitted to take their supplementary examinations along with the next immediate succeeding batch. They will be given only one chance for such appearance.

Yours faithfully,

  
Joint Controller of Examinations - IV  
For Controller of Examinations

  
Encl: As above



**UNIVERSITY OF CALICUT  
PAREEKSHA BHAVAN  
(B.Sc. Branch)**

Grams : UNICAL  
Office : 0494 -2407214, 291  
E-mail :  
[jce4@universityofcalicut.info](mailto:jce4@universityofcalicut.info)

CALICUT UNIVERSITY.P.O.  
MALAPPURAM DT, KERALA,  
INDIA - PIN: 673635

No.ES XIV/COP/2019

Dated: 19-08-2019

From

The Controller of Examinations

**CONFIDENTIAL**

To

The Principal,  
Providence Women's College,  
Calicut.

Sir/Madam,

Sub: Conduct of Add-On course examination 2019 - Travel & Tourism Management, Multimedia, Sericulture, Women Studies, E-Commerce and Communicative English - Forwarding of question papers & list of candidates - Reg.

Ref: Letter from the Principal dated 29-03-2019.

\*\*\*\*\*

While forwarding herewith the list of candidates, question paper statement and question papers, I am to request you to conduct the examination on a date convenient to you at the earliest, under intimation to the undersigned.

Evaluation may be made immediately after completion of the examination and marks may be uploaded in the link provided by the University.

Yours faithfully,

DEPUTY REGISTRAR - VI  
For Controller of Examinations

Encl: As above

Date : 10.03.2020

From

The Principal,  
Providence Women's College,  
Calicut – 9

To

The Controller of Examination,  
University of Calicut,  
Calicut University P.O.

Sir,

Sub: Certificate Course Examination on Add-on Courses and Remittance of Admission fee

Ref: Letter No. ES XIV/COP/Exam/2020 dated 07.01.2020

With reference to the above letter, i would like to inform you that our students have successfully completed the curriculum on the following five courses with the required attendance and are enrolled for appearing the certificate course exam.

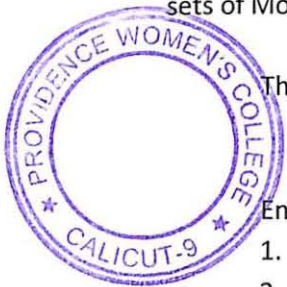
1. Communicative English
2. E-Commerce
3. Sericulture
4. Women's Studies
5. Multimedia

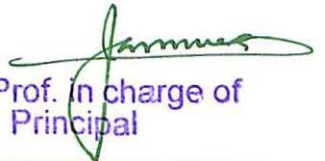
As per the above cited letter enclosing Chalan Receipt No. 201135866 dated 26.02.2020 (Rs.25,000/-) and Chalan Receipt No. 201193251 dated 07.03.2020 (25,000) for Rs. 50,000/- towards the Administration fee in respect of above mentioned five Add on courses. Also enclosing as per the instructions, the name list of the students enrolled, copy of plus 2 mark lists, copy of age proof and four sets of Model Question papers in respect of the courses mentioned above.

Thank You,

Encl.

1. Chalan Receipt No. 201135866 dated 26.02.2020
2. Chalan Receipt No. 201193251 dated 07.03.2020
3. Four sets of Model Question Papers
4. Copy of plus 2 mark lists & age proof of the students enrolled.



  
Asst. Prof. in charge of  
Principal  
PROVIDENCE WOMEN'S COLLEGE  
Calicut-9



# RECEIPT

ഫ്രണ്ട്സ് ജനസേവനകേന്ദ്രം

കേരള സർക്കാർ

Date :

Receipt No. :

FRIENDS Kozhikode

Name :

26-02-2020

1101-2020-11807

Dept./Agency :

DR SR JASEENA JOSEPH

Purpose :

Calicut University--  
Exam Remittance--

25000.00

Exam Remittance-- Exam Remittance  
Purpose Code : EX00003 Chalan No : 201135866

ജനസേവന/അക്കൗണ്ട് ക്രമങ്ങളുടെ പ്രവർത്തനത്തെ സംബന്ധിച്ചുള്ള പരാതികൾ frdscomplaints.ksitm@kerala.gov.in ൽ ഉൾപ്പെടുത്തണമെന്നാണ്.

RECEIVED WITH THANKS: നന്ദിപത്രം കൈപ്പറ്റിയിരിക്കുന്നു.  
Amount in Words: Rupees (Twenty Five Thousand Only) 1/ C3/ 115002

Rs.

Signature

# RECEIPT

ഫ്രണ്ട്സ് ജനസേവനകേന്ദ്രം

കേരള സർക്കാർ

Date :

Receipt No. :

FRIENDS Kozhikode

Name :

07-03-2020

1101-2020-14975

Dept./Agency :

DR SR JASEENA JOSEPH

Purpose :

Calicut University--  
Exam Remittance--

25000.00

Exam Remittance-- Exam Remittance  
Purpose Code : EX00003 Chalan No : 201193251

ജനസേവന/അക്കൗണ്ട് ക്രമങ്ങളുടെ പ്രവർത്തനത്തെ സംബന്ധിച്ചുള്ള പരാതികൾ frdscomplaints.ksitm@kerala.gov.in ൽ ഉൾപ്പെടുത്തണമെന്നാണ്.

RECEIVED WITH THANKS: നന്ദിപത്രം കൈപ്പറ്റിയിരിക്കുന്നു.  
Amount in Words: Rupees (Twenty Five Thousand Only) 2/ C1/ PRAKZD

Rs.

Signature

**ADD ON COURSE**

**E-COMMERCE**

**2017-18**

## **SYLLABUS FOR ADD ON CERTIFICATE COURSE IN E-COMMERCE**

### **1. Module 1**

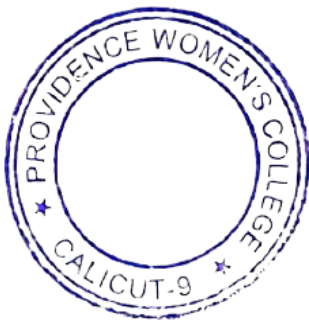
- Introduction to E-Commerce
- Origin
- Developmental Phases
- Revolution


### **2. Module 2**

- Fundamentals of Internet
- Modules of E-Commerce
- Basics of Programming Languages: Datatypes, Variable, Website

### **3. Module 3**

- Applications of E-Commerce
- E-Banking
- Online Payment
- Digital Marketing
- Online Retailing Services



  
Dr. (Sr.) Jaseena Joseph  
Principal  
Providence Women's College  
Kozhikode 673009, Kerala, India



**UNIVERSITY OF CALICUT**

(Pareeksha Bhavan)

*Nominal roll of the candidates registered for the CERTIFICATE COURSE Examination 4/2018***Course :** E-COMMERCE**Centre :** PROVIDENCE WOMEN'S COLLEGE,CALICUT

Paper Code	Paper Name
AECO101	E-COMMERCE

<b>Regular Candidates</b>			
S.No.	Name	Reg.No.	Signature
1	AIFA SAKKER	PWARAECO001	<i>Aifa</i>
2	ALEENA BABU	PWARAECO002	<i>Aleena</i>
3	ALEENA JOSE	PWARAECO003	<i>Aleena Jose</i>
4	AMRITHA P	PWARAECO004	<i>Amritha</i>
5	ANKITHA SHAJAN	PWARAECO005	<i>Ankitha</i>
6	DAONA DEVASIA	PWARAECO006	<i>Daona</i>
7	DERIN STANY	PWARAECO007	<i>Derin</i>
8	GEETHANJALI V	PWARAECO008	<i>Geetha</i>
9	GOPIKA SANKAR	PWARAECO009	<i>Gojika</i>
10	JENNAH DAPHNE DSOUZA	PWARAECO010	<i>Jenna</i>
11	JOSNA MATHEW	PWARAECO011	<i>Josna</i>
12	KAVYA PRAHALAD	PWARAECO012	<i>Kavya</i>
13	KRISHNA PRIYA NS	PWARAECO013	<i>Krishna</i>
14	MARIA THAMBI	PWARAECO014	<i>Maria</i>
15	MUBASHIRA V K	PWARAECO015	<i>Mubashira</i>
16	NARDHA ROY JOHN	PWARAECO016	<i>Nardha</i>
17	POOJA LAKSHMI L	PWARAECO017	<i>Pooja</i>
18	RASHMI P	PWARAECO018	<i>Rashmi</i>
19	ROCHANA M	PWARAECO019	<i>Rochana</i>
20	ROSHMA T	PWARAECO020	<i>Roshma</i>

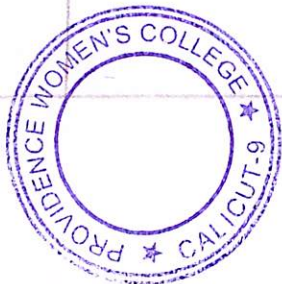
*The Marklist of the above mentioned candidates are forwarded herewith**For Controller of Examinations*

*Principal*  
 Providence Women's College  
 Kozhikode  
 600 673 009

## ADDON COURSE-E-COMMERCE - CERTIFICATE (INTERNAL/EXTERNAL MARKS) (4/2018)

Centre : PROVIDENCE WOMENS COLLEGE, CALICUT

SI	Online ID	Name	Photo	Sex	DOB	Permanent Address	PAPER I - INTERNAL	PAPER I - EXTERNAL
1	AD1762869	JENNAH DAPHNE DSOUZA		F	25-9-1998	OUR HUT PADANA GARDENS , KANNUR(Dt) , (Pin) 670003	24	61
2	AD1762870	GOPIKA SANKAR		F	2-11-1998	FLAT NO 38 PVS NAKSHATRA YMCA CROSS ROAD , KOZHIKODE(Dt) , (Pin) 673001	24	60
3	AD1762871	ROCHANA M		F	2-11-1999	RATNA NIVAS POOLAKKADAVU ROAD MARIKUNNU , KOZHIKODE(Dt) , (Pin) 673012	24	64
4	AD1762872	ROSHMA T		F	3-7-1999	ROSHIN HOUSE THARAYIL MALAPARAMBU , KOZHIKODE(Dt) , (Pin) 673009	22	57
5	AD1762873	MUBASHIRA V K		F	13-8-1999	KADIRIYA MANZIL NAROTH , THAZHAM PAYYADIMEETHAL POST , KOZHIKODE(Dt) , (Pin) 673019	22	58



**ADDON COURSE-E-COMMERCE - CERTIFICATE (INTERNAL/EXTERNAL MARKS) (4/2018)**

Date : 24-12-2018

Centre : PROVIDENCE WOMENS COLLEGE,CALICUT

Sl	Online ID	Name	Photo	Sex	DOB	Permanent Address	PAPER I - INTERNAL	PAPER I - EXTERNAL
1	AD1762869	JENNAH DAPHNE DSOUZA		F	25-9-1998	OUR HUT PADANA GARDENS , KANNUR(Dt) , (Pin) 670003	24	61
2	AD1762870	GOPIKA SANKAR		F	2-11-1998	FLAT NO 38 PVS NAKSHATRA YMCA CROSS ROAD , KOZHIKODE(Dt) , (Pin) 673001	24	60
3	AD1762871	ROCHANA M		F	2-11-1999	RATNA NIVAS POOLAKKADAVU ROAD MARIKUNNU , KOZHIKODE(Dt) , (Pin) 673012	24	64
4	AD1762872	ROSHMA T		F	3-7-1999	ROSHIN HOUSE THARAYIL MALAPARAMBU , KOZHIKODE(Dt) , (Pin) 673009	22	57
5	AD1762873	MUBASHIRA V K		F	13-8-1999	KADIRIYA MANZIL NAROTH THAZHAM PAYYADIMEETHAL POST , KOZHIKODE(Dt) , (Pin) 673019	22	58








	AD1762874	POOJA LAKSHMI L		F	25-4-1999	SRINILAM VELLIMADUKUNNU , KOZHIKODE(Dt) , (Pin) 673012	24	60
7	AD1762875	JOSNA MATHEW		F	15-12-1998	ELANJIMATTATHILHOUSE CHITTARIKKAL POST , KASARAGOD(Dt) , (Pin) 671326	21	52
8	AD1762876	ALEENA BABU		F	17-2-1999	MEKKATTU HOUSE VENAPPARA POST , KOZHIKODE(Dt) , (Pin) 673210	21	55
9	AD1762877	ANKITHA SHAJAN		F	21-9-1999	THADATHIL HOUSE PUTHUPARAMBU POST , MALAPPURAM(Dt) , (Pin) 676501	20	54
10	AD1762882	ALEENA JOSE		F	24-2-2000	METHANATH HOUSE RAJAPURAM POST , KASARAGOD(Dt) , (Pin) 671532	20	53
11	AD1762883	GEETHANJALI V		F	23-2-1999	ROHINI KARAPARAMBA , KOZHIKODE(Dt) , (Pin) 673010	23	62




2	AD1762884	NARDHA ROY JOHN		F	26-2-1999	MATHAKKAL HOUSE SHORNUR, PALAKKAD(Dt) , (Pin) 679122	22	60
13	AD1762885	AIFA SAKER		F	2-8-1998	VALOORANGAL HOUSE MANIMOOLY POST, MALAPPURAM(Dt) , (Pin) 676521	24	61
14	AD1762886	AMRITHA P		F	4-6-1999	PAYYAPANTHA HOUSE POOKAYIL POST, MALAPPURAM(Dt) , (Pin) 676107	21	57
15	AD1762887	DAONA DEVASIA		F	27-10-1998	KAYAMMACKAL HOUSE EDAVARAMBA POST, KANNUR(Dt) , (Pin) 670511	20	58
16	AD1762888	MARIA THAMBI		F	26-5-2000	KUMBATTU HOUSE KAITHAPOYIL POST , KOZHIKODE(Dt) , (Pin) 673586	20	51
17	AD1762889	KRISHNA PRIYA NS		F	18-2-2000	KEAZHALATH KANDY HOUSE MEDICAL COLLEGE POST, KOZHIKODE(Dt) , (Pin) 673008	23	58





18	AD1762890	KAVYA PRAHALAD		F	21-4-2000	PRAHALAD BHAVAN HOUSE PAMBRA POST , WAYANAD(Dt) , (Pin) 673592	22	59
19	AD1762891	RASHMI P		F	29-1-1998	SREESHIVAM HOUSE PERIYA POST , KASARAGOD(Dt) , (Pin) 671316	21	52
20	AD1762892	DERIN STANY		F	14-3-1999	PODIMATTATHIL HOUSE CHUNDA POST , KANNUR(Dt) , (Pin) 670511	23	60



  
**Principal**  
 Providence Women's College  
 Kozhikode - 673 001



## **SUMMARY REPORT OF E COMMERCE 2017-18**

AIM: This course provides an introduction to information systems for business and management. It is designed to familiarize students with organizational and managerial foundations of systems, the technical foundation for understanding information systems. A total of 20 students enrolled for the course and all the students successfully completed the course. The classes were conducted by the faculty of the department. The internal exams were conducted by the department and External exam by the University.

### **COURSE OBJECTIVES**

The course should enable the students to:

1. Describe e-commerce framework.
2. Explain electronic system for payment.
3. Describe the use of e-commerce advertising and marketing.
4. Understand business documents and digital library.
5. Understand the usage of multimedia systems for e-commerce.

### **COURSE OUTCOMES :**

1. Understand the basic concepts of E-commerce
2. Demonstrate a retailing in E-commerce by using the effectiveness of market research
3. Describe Internet trading relationships including Business to Consumer, Business-to-Business, Intra organizational
4. Describe about Consumer Search and Resource Discovery
5. Describe the key features of Internet, Intranets and Extranets and explain how they relate to each other





# UNIVERSITY OF CALICUT (Pareeksha Bhavan)

Folio No: 14373

Calicut University P.O.

673 635

Date: 04.04.2019

## CERTIFICATE

Issued to

**GEETHANJALI**

Certified that the above candidate has passed the **ADD-ON (UGG Aided Career Oriented Programme) course Examination with details as shown below:**

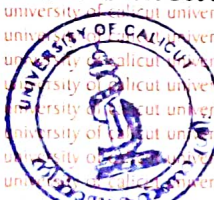
**Course : CERTIFICATE COURSE E-COMMERCE**

**Duration : 1 Year**

**Register Number : PWARAE0008**

**Month & Year : April, 2018**

**Class : Distinction**



**CONTROLLER OF EXAMINATIONS**





Calicut University P.O.  
Pin 673 635

# UNIVERSITY OF CALICUT

## STATEMENT OF MARKS

Dated : 04.04.2019

The following marks have been awarded to Sri/Smt GEETHANJALI V in the Add-On (UGC Aided Career Oriented Programme) CERTIFICATE Course Examination April, 2018

Course : E-COMMERCE

Centre : PROVIDENCE WOMEN'S COLLEGE, CALICUT

Register Number : PWARAECO008

Month & Year : April, 2018

Code	Paper	Marks Awarded			Maximum Marks			Result
		External	Internal	Total	External	Internal	Total	
AECO101	E-COMMERCE	62	23	85	75	25	100	PASSED
Grand Total :		62	23	85	75	25	100	

Note :- Pass minimum - 40% of the aggregate marks (Separately for each theory paper and practical / field work etc.)

\* End of statement \*



*belays*

Controller of Examinations

Checked by

Section Officer

AR/DR/JR (Exams)



**CAREER ORIENTED CERTIFICATE COURSE  
IN  
SERICULTURE**

**Department of Zoology  
Providence Women's College, Calicut-9**

**Paper Code & Name : ASCR101 SERICULTURE**

**Period of study: 1 year**

**Total hours: 30**

1. Introduction to sericulture (1 hr)  
What is sericulture. Scope of sericulture
2. Moriculture (4 hrs)
  - a. Propagation of Mulberry (1 hr)  
Collection of seeds and raising of seedlings
  - b. Mulberry Garden, Mulberry farm (1 hrs)  
Site preparation, planting, manuring, irrigation, fertilizers
  - c. Maintenance of Gardens (2 hrs)  
Need and their control, pruning, harvesting, diseases of mulberry, fungal bacterial- control measures
3. Biology of silkworm (10 hrs)
  - a. Systematic position of silkworms, features of order Lepidoptera and families, Bombycidae and Saturniidae (1hr)
  - b. Life history of Bombyx mori, morphology of egg, larva, pupa and adult (3 hrs)
  - c. Silk glands---division, Spinneret, silk proteins and their synthesis (2 hrs)
  - d. Hormones and metamorphosis (1 hr)
  - e. Egg-- hatching and developmental stages (1 hr)
  - f. Silkworm diseases- prevention, control and disinfection practices of protozoan, bacterial, viral, fungal and aspergillus diseases (1 hr)
  - g. Pests of silkworm- Tachind fly, Dermistid beetle ants- Rodents and lizards damage caused, prevention and control (1 hr)
4. Rearing technology (6 hrs)
  - a. Rearing houses- Rearing appliances, importance of disinfection (1 hr)
  - b. Selection of silkworm races/breed  
Estimation of leaf quantity  
Arrangement of appliances (1 hr)
  - c. Harvesting of leaf: method, time, transportation and storage (1 hr)
  - d. Rearing- chawki rearing, moulting, late age rearing, rearing methods, preparation for moulting, harvesting of cocoon and cocoon assessment (3 hrs)

5. Non- Mulberry sericulture (1 hr)  
Brief account on various types of non-mulberry sericulture. Tasar culture, Muga culture and Ericulture
6. Silkworm seed technology (6 hrs)
  - a. Seed production centres, procurement and transportation, processing and preservation of seed cocoons, sex separation in seed production, synchronization of emergence
  - b. Collecting moths, pairing of moths, oviposition handling of eggs (multivoltine, biovoltive)
7. Silk technology (3 hrs)
  - a. Physical and chemical properties of silk, uses of silk (1 hr)
  - b. Quality control, cocoon testing and breeding, raw silk testing, silk throwing and weaving, chemical processing, various types of fabrics and uses (2 hrs)

#### **BOOKS FOR REFERENCE**

1. Ullal, S.R and Narshimhanna: Handbook of practical sericulture, central silk board, Bombay.
2. Yeshimaro Thamaka: Sericology, Central Silk Board, 95-3, Marine Drive, Bombay-20
3. Suloachana Chetty and Ganga---Sericulture
4. Krishnaswami S. Technology of Silkworm.

#### **SERICULTURE- PRACTICAL**

1. Study of life history of Bombyx mori.
2. Identification of different species of silkworms in India.
3. Study of different types of silks- Tasar, Muga
4. Study of pests of silkworm- pebrin, flachories
5. Morphology of larvae, pupa, and moth.
6. Study of rearing appliances
7. Study of model rearing house
8. Visit to rearing house & rearing farm.

**CERTIFICATE COURSE IN SERICULTURE****SERICULTURE**

Time : Three Hours

Maximum : 75 Marks

*Name the following.*

1. Name the gland which is modified as silk glands.
2. Name the silk generated by silkworm, *Antheraea mylitta*.
3. Name the race which has more than three generations per year.
4. Name the fluid secreted by alimentary canal of newly formed moth.
5. Name the gland which secretes juvenile hormones.
6. \_\_\_\_\_ is a silk protein.
7. 95% of insect silk is produced by \_\_\_\_\_ silkworm.
8. Outermost layer of egg is called \_\_\_\_\_.
9. \_\_\_\_\_ is the process of killing larva inside cocoon.
10. Fully formed larvae is called \_\_\_\_\_.

(10 × 1 = 10 marks)

*Answer any ten of the following.*

1. Explain moriculture.
2. What is stiffling ?
3. What is cocoon riddling ?
4. What is bivoltine rearing ?
5. What is spun silk ?
6. Name any two leaf eating pests of mulberry tree.
7. Name the major non-mulberry silks.
8. Name any two pests of silkworm.
9. What are charka wastes ?
10. Give the economic importance of dermistid beetles in silkworm rearing.
11. Mention the uses of silk.

(10 × 2 = 20 marks)

**Turn over**



Name : .....

Reg. No: .....

**CAREER ORIENTED PROGRAMME EXAMINATION, APRIL 2018**

**SERICULTURE**

**Time : Three Hours**

**Maximum : 75 Marks**

**Answer any ten of the following**

(3x10=30)

1. What is muga & tussar silk
2. Give the morphology of egg
3. What is raw silk
4. Name any two leaf eating pests of mulberry tree
5. Name the pests of mulberry tree
6. Describe bombyx mori
7. What is deflossing of cocoons
8. What are diapausing eggs
9. What is reeling
10. Name the different types of defective cocoons
11. Name protozoan diseases of bombyx

**Answer any five of the following**

(5X5=25)

12. Write notes on rearing houses
13. What are the disadvantages of using country charkas
14. What the by-products of moriculture
15. What are the accessory glands of reproductive system of bombyx
16. Explain respiratory system of bombyx
17. What are the different types of pruning of mulberry

**Answer any two of the following**

(10x2=20)


18. Explain rearing of silkworm larvae in detail
19. Give an account of silk technology
20. Explain the processes in stifling

\*\*\*\*\*



PROVIDENCE WOMEN'S COLLEGE  
B.Sc ZOOLOGY -2017-18  
LIST OF STUDENTS : III B.Sc ZOOLOGY  
ADD-ON CERTIFICATE COURSE : *Sericulture*

Sl. No	Name
1	AISWARYA N K
2	AISWARYA P
3	ALA C
4	ANAS ROSNA STEPHY
5	ANJITHA E. V
6	ANJU ARAVIND T M
7	ANU VIJAY C
8	ANUSHA K
9	ARYA C C
10	ASWINI SIVADAS C
11	ATHIRA C T
12	ATHIRA K
13	AYSHA MISNA P M
14	DILNA JOSE
15	DURGA G
16	FATHIMA SAHNA K P
17	JAMSHEENA P C
18	JASNA FEMIN
19	JENCY SEBASTIAN
20	M AMRUTHA
21	MANEESHA T M
22	NATHASHA A GRACE
23	NEERAJA A S
24	PAIKATTIL GAYATHRI P
25	PANCHAMI T
26	POOJA T M
27	RAMEESA M K
28	RANJITHA R
29	RIYA LUKOSE
30	SHABINA BANU K T
31	SHAHNA P
32	SINUJA RAJ
33	SNEHA P T
34	SOORYA K M
35	THERES JOSE

  
DR. NISHANTH  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT



## COURSE - SERICULTURE - CERTIFICATE

2015 ADMISSION

CERTIFICATE  
ISSUED

SL NO.	NAME	INTERNAL	EXTERNAL	SIGNATURE
1.	Aiswarya N. K.	23	68	Aish
2.	Aiswarya P.	22	66	Aiswarya
3.	Ala C.	23	68	Ala
4.	Anas Rosna Stephy	21	61	Anas
5.	Anjitha E. V.	22	63	Anjitha
6.	Anju Anavind T. M.	22	63	Anju
7.	Anusha K.	23	68	Anusha
8.	Anu Vijay C.	22	65	Anu
9.	Arya C.C.	22	67	Arya
10.	Aswini Sivadas C.	22	63	Aswini
11.	Athina C. T.	21	62	Athina
12.	Athina K.	22	65	Athina
13.	Aysha Minna P. M.	24	72	Aysha
14.	Dilna Jose	23	71	Dilna
15.	Durga G.	23	71	Durga
16.	Fathima Sahna K. P.	21	67	Fathima
17.	Jamsheena P. C.	23	69	Jamsheena
18.	Jasna Fern	23	68	Jasna
19.	Jency Sebastian	24	70	Jency
20.	Amrutha M.	22	68	Amrutha
21.	Maneesha T. M.	22	69	Maneesha
22.	Nathasha A Grace	22	65	Nathasha
23.	Neeraja A.S.	22	67	Neeraja
24.	Paikattil Gayathri P.	23	68	Gayathri
25.	Panchami T.	23	66	Panchami
26.	Pooja T. M.	21	63	Pooja
27.	Rameesa M. K.	22	64	Rameesa
28.	Ranjitha R.	20	63	Ranjitha
29.	Riya Lukose	22	67	Riya
30.	Shabina Banu K. T.	23	65	Shabina
31.	Shahna P.	23	67	Shahna
32.	S...	23	68	S...





11

CERTIFICATE  
ISSUED  
SIGNATURE

SL NO.

INTERNAL

EXTERNAL

33. Sneha P. T.  
34. Soorya K. M.  
35. Theres Jose  
36.

23

22

22

70


66

69

Sneha

Soorya

Theres

  
DR. NISHU ANN  
ASST. PROFESSOR & HEAD  
DEPARTMENT OF ZOOLOGY  
PROVIDENCE WOMEN'S COLLEGE  
CALICUT - 673 009



Calicut University P.O.  
Pin 673 635

# UNIVERSITY OF CALICUT

181981

## STATEMENT OF MARKS

Dated : 04.06.2018

The following marks have been awarded to Sri/Smt JASNA FEMIN in the Add-On (UGC Aided Career Oriented Programme) CERTIFICATE Course Examination April,2016

Course : **SERICULTURE**

Register Number : **PWAPASCR018**

Centre : **PROVIDENCE WOMEN'S COLLEGE,CALICUT**

Month & Year : **April,2016**

Code	Paper	Marks Awarded			Maximum Marks			Result
		External	Internal	Total	External	Internal	Total	
ASCR101	SERICULTURE	68	23	91	75	25	100	PASSED
Grand Total :		68	23	91	75	25	100	

Note :- Pass minimum - 40% of the aggregate marks (Separately for each theory paper and practical / field work etc.)

\* End of statement \*



Checked by

Section Officer

Controller of Examinations

AR/DR/JR (Exams)





**UNIVERSITY OF CALICUT  
(Pareeksha Bhavan)**

**Calicut University P.O.**

**673 635**

**Folio No. 13461**

**Dated : 04.06.2018**

**CERTIFICATE**

**Issued to JASNA FEMIN**

**Certified that the above candidate has passed the ADD-ON UG Aided  
(Career Oriented Programme ) course Examination with details as shown  
below:**

**Course : CERTIFICATE COURSE - SERICULTURE**

**Duration : 1 Year**

**Register Number : PWAPASC018**

**Month & Year : April 2016**

**Class : Distinction**



**CONTROLLER OF EXAMINATIONS**



### **3. Online MOOC Courses**

A. List of Students

B. Certificates

### Extra courses

Year	Department	Name of Student	Name of the course	Duration / credit	Online Mooc Platform
<b>2017-2018</b>					
2017-18	Chemistry	Nikitha S	Chemistry of Main Group Elements	12 week Course	NPTEL Online Certification
2017-18	Botany	Keerthana P.V	Forest Biometry	8 week Course	NPTEL Online Certification
2017-18	Botany	Archana Amreth M. K.	Introductory Mathematical Methods for Biologists	8 week Course	NPTEL Online Certification
2017-18	Botany	Archana Amreth M. K.	Bioreactors	4 week Course	NPTEL Online Certification
2017-18	Physics	Sukritha P	Classical Mechanics:From Newtonian to Lagrangian Formulation	12 week Course	NPTEL Online Certification
2017-18	Chemistry	Raveena M	Laser: Fundamentals and Applications	8 week course	NPTEL Online Certification



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**NIKITHA S**

*for successfully completing the course*

## **Chemistry of Main Group Elements**

*with a consolidated score of 50 %*

Online Assignments	21.75/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **139**

Prof. Sridhar Iyer

Head CDEEP & NPTEL Coordinator  
IIT Bombay

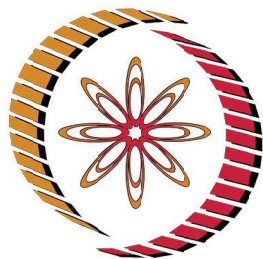
**Jan-Apr 2018**  
**(12 week course)**



Indian Institute of Technology Bombay







Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KEERTHANA P.V**  
for successfully completing the course

## Forest Biometry

with a consolidated score of **70 %**

Online Assignments	23.75/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **62**

T V Prabhakar

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

**Aug-Oct 2017**  
**(8 week course)**

Satyaki Roy

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**ARCHANA AMRETH M. K**

*for successfully completing the course*

**Introductory Mathematical Methods for Biologists**

*with a consolidated score of 50 %*

Online Assignments	9.25/25	Proctored Exam	40.5/75
--------------------	---------	----------------	---------

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

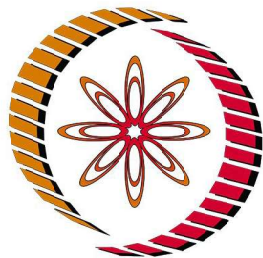
Total number of candidates certified in this course: **47**

**Feb-Mar 2018**  
**(8 week course)**



Indian Institute of Technology Bombay





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARCHANA AMRETH M. K**  
for successfully completing the course  
**Bioreactors**

with a consolidated score of **40 %**

Online Assignments	15.5/25	Proctored Exam	24/75
--------------------	---------	----------------	-------

Prof. A. Ramesh  
Chairman  
Center for Continuing Education, IITM

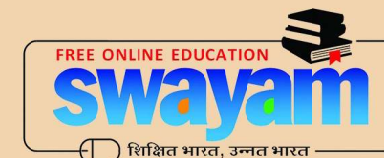
Total number of candidates certified in this course: **161**

**Feb-Mar 2018**  
**(4 week course)**

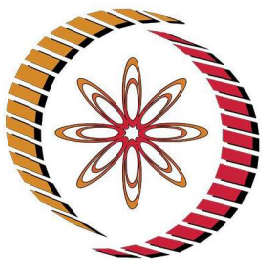
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SUKRITHA P**

*for successfully completing the course*

## **Classical Mechanics: From Newtonian To Lagrangian Formulation**

*with a consolidated score of 51 %*

Online Assignments	16.75/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

*Total number of candidates certified in this course: 56*

Prof. Anupam Basu  
Chairman and Head

Centre for Educational Technology, IIT Kharagpur

**Jul-Oct 2017**  
**(12 week course)**

Prof. Adrijit Goswami  
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**RAVEENA M**

*for successfully completing the course*

**Laser: Fundamentals And Applications**

*with a consolidated score of* **61 %**

Online Assignments	16.25/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

*Total number of candidates certified in this course:* **177**

*T V Prabhakar*

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

**Aug-Oct 2017**  
**(8 week course)**

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur