

**VALUE ADDED COURSE ON**  
**DOMESTIC PRODUCTS**  
**PREPARATION**

Programme Coordinator : Dr. M. RAMESH  
Assistant Professor of Chemistry

Course Teacher : Dr. A. SEKAR  
Dr. D.VIJI SARAL ELESABETH  
Dr. M. RAMESH

Number of Student attended : 92 (2018-2019 Batch),  
121 (2019-2020 Batch)

Class Hours & Timing : Seven Saturdays (Five hours per day)  
Time: 9.30 am - 3.30 pm  
: End of the course conduct 3 Days Workshop

## **BROCHURE/CIRCULAR**

# **VALUE ADDED COURSE ON DOMESTIC PRODUCTS PREPARATION**

Cleaning products play an essential role in our daily lives at home, in school, College and in the office. By safely and effectively removing soils, germs and other contaminants, they prevent the spread of infectious diseases and control allergens, such as dust and dirt. Cleaning products also enable us to care for our homes and possessions.

Chemicals used for cleaning and in cleaning products, such as laundry detergents, bleaches, dishwashing products and other household cleaners, help improve cleaning efficiency, making homes, offices and other environments both easier to clean and more hygienic.

### **Uses & Benefits**

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Chemicals in cleaning products like laundry detergent can help these products to perform just as well in cold water as in hot water, enabling consumers to save money and energy when washing their clothes. In addition, highly concentrated liquid laundry formulations made possible by chemistry require less packaging materials and generate less waste.

### **So what is a Cleaning Product?**

Personal hygiene and regular housecleaning are essential to good health. Frequent hand washing is key to preventing the spread of microorganisms (also known as

good cleaning habits and practices, these products play an important role in helping to prevent germs from spreading.

The workshop envisions to encourage the students of all disciplines to learn the methods of preparation of products with available resources. It also motivates them to become future entrepreneurs by learning the tricks of their own trade

In this workshop, the participants will be given a practical training for the preparation of the products like **Detergent washing powder, Hand Sanitizer, Washing Machine liquid, Utensils cleaning powder, Vim Liquid, Soap Oil, White & Sent Phenyl, Bathing Soap, Candles, Agar Bathi, Computer Sambirani, Pain Relieving Balm, Tooth Powder, Face Powder, Liquid Blue and Room freshener.** The products prepared by the participants will be displayed for sale on the day itself in the stalls for the students. The certificate will be authorized by the principle of college. Coordinator of the program

#### The main objectives of the program are

- To provide students an understanding of the expectations of industry.
- To improve employability skills of graduate students of NMC.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students to develop inter-disciplinary skills.



The Centres of Excellence and Training Centres established in NMC in collaboration with The Tiruchirappalli District Tiny & Small Scale Industries Association, Tiruchirapalli (TIDITSSIA), in addition to the infrastructure and lab facilities available in Chemistry Departments, for conducting these employability enhancing Courses. The Courses focus on

skill development and more than 80% of the time is spent on practical training and problem solving, to provide the requisite understanding towards application of academic topics from graduate disciplines into real world graduate projects.

### Learning Outcomes

- Manufacture of candle like **household materials**
- To get knowledge about **manufacture techniques and skills of household materials**
- To acquire knowledge in Soaps and detergents and **formulation process**.
- To familiarize about the **preparation of household materials in different methods**.
- Recognition of the need for, and an ability to engage in **household chemistry in life-long learning**

**Duaration of the course 45 hours**

**Number of intake 50 student per batch**

### Course Coordinator

Dr. M. Ramesh

Assistant Professor of Chemistry

Nehru Memorial College (Autonomous)

Puthanampatti - 621 007

**Dr. M. RAMESH,**

**M.Sc., M.Phil., Ph.D., M.Sc (YHE), PGDCA.**

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**Puthanampatti - 621 007, Trichy Dist.**

**H.O.D. OF CHEMISTRY**  
**NEHRU MEMORIAL COLLEGE**  
**PUTHANAMPATTI - 621 007**  
**TRICHY DT.**

## Syllabus

# NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

(Nationally Accredited with 'A' Grade by NAAC)

Puthanampatti, Trichy- 621 007

PG & RESEARCH DEPARTMENT OF CHEMISTRY

## VALUE ADDED COURSE, ON DOMESTIC PRODUCTS

### PREPARATION

STRUCTURE & SYLLABI

(CBCS)

(OPEN ALL)

2018-2019 onwards



COURSE TITLE	Subject CODE	INSTRUCTION HRS/ SEMESTER	CREDITS	EXAM HOURS	TOTAL MARKS
Course - I Entrepreneurship Manufacturing Servicing Sector	18YDPP01	30	04	03	100
Course - II Practical - Domestic Products Preparation	18YDPP02I	15	04	03	100
Total		45	08		200

**VALUE ADDED COURSE for all B.Sc Student**  
**DOMESTIC PRODUCTS PREPARATION**  
**COURSE – I**

**Entrepreneur on Manufacturing Servicing Sector**

**Unit – I Manufacturing**

Processing method – Chemical processing – Preparation of Detergent washing powder, Hand Sanitizer, Washing Machine liquid, Vim Liquid, Utensils cleaning powder, Soap Oil, White & perfumed Phenyl, Bathing Soap (chemical & Herbal), Candles, Agar Bathi, Computer Sambirani, Pain Relieving Balm, Tooth Powder, Face Powder, Liquid

**Blue** . Trade name and Brand name - Approval and necessary Licence should be obtained from the concerned department

**Unit – II Need for Entrepreneur**

- How to Maintenance the Enterprises on concern land and building should be prepared depend upon the products.
- Local body approval techniques
- Skilled labour and un-skilled labour usage
- Related machines and equipment should be collected each and every one product
- Measurement and mixing method should be learned thoroughly

**Unit – III Accounts**

- Administrative arrangement
- Office with one executive
- Records
- Accounts
- All correspond letters should be filed regularly

#### Unit – IV Maintenance

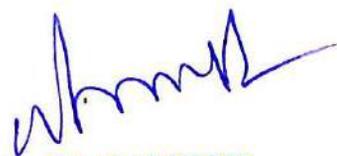
- Bank Account – Cash flow arrangement should be maintained day by day
- Stock maintained – Raw material update entry should be entered
- Purchases and Sales detailed should be maintained
- There is any Loan obtained from the bank should be maintained thoroughly without default

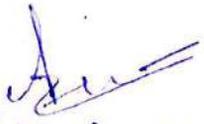
#### Unit – V Government Loan Schemes

- PMIEGP
- UYFEGP
- NEEDS
- EDII
- MSME
- Proforma for Preliminary Project Report
- TIIIC

#### Reference Books.

1. B.K.Sharma, Industrial Chemistry, Goel Publishing House, 6<sup>th</sup> edition, 1994.
2. P.K.Chattopadhyay, Modern Technology of Soaps, Detergents and Toiletries, 2<sup>nd</sup> edition, 2005.
3. [www.edii.in](http://www.edii.in)
4. [www.indcom.in.gov.in](http://www.indcom.in.gov.in)
5. [www.msmeonline.in.gov.in](http://www.msmeonline.in.gov.in)
6. <https://msme.gov.in>
7. <https://demsme.gov.in>

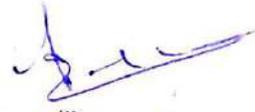
  
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TRICHY DT.

**COURSE – II PRACTICAL**  
**DOMESTIC PRODUCTS PREPARATION**

1. Preparation of **Detergent** washing powder
2. Preparation of **Hand Sanitizer**
3. Preparation of **Washing Machine liquid**
4. Preparation of **Utensils cleaning powder**
5. Preparation of **Vim Liquid**
6. Preparation of **Soap Oil**
7. Preparation of **White & Perfumed Phenyl**
8. Preparation of **Bathing Soap**
9. Preparation of **Candles**
10. Preparation of **Agar Bathi**
11. Preparation of **Computer Sambirani**
12. Preparation of **Pain Relieving Balm**
13. Preparation of **Tooth Powder**
14. Preparation of **Face Powder**
15. Preparation of **Liquid Blue**

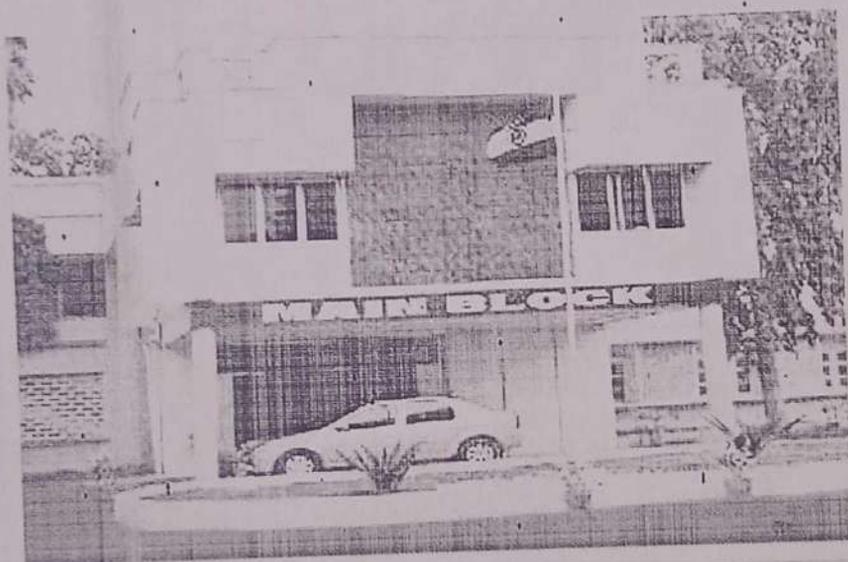
  
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**H.O.D. OF CHEMISTRY**  
**NEHRU MEMORIAL COLLEGE,**  
**PUTHANAMPATTI - 621 007.**  
**TRICHY DT.**

A THREE DAY WORKSHOP  
ON  
PREPARATION OF DOMESTIC  
PRODUCTS

PROCEDURE MANUAL

17<sup>th</sup> to 19<sup>th</sup> Sep.2018



Organised by  
P.G. AND RESEARCH  
DEPARTMENT OF CHEMISTRY

*[Signature]*  
**Dr. M. RAMESH,**

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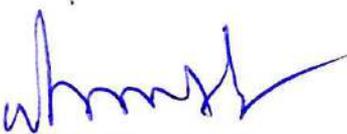
*[Signature]*  
Dr. A. SELVA  
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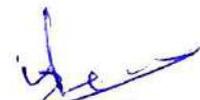


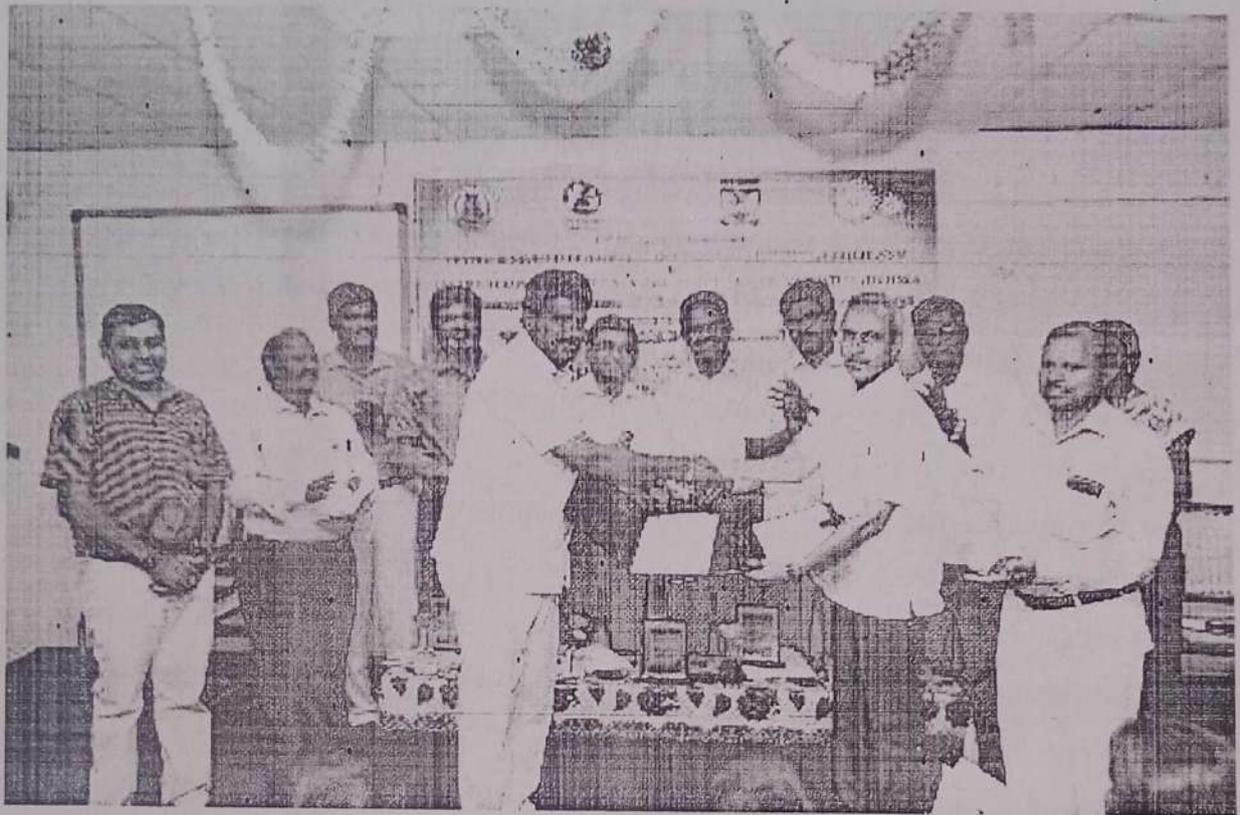
**NEHRU MEMORIAL COLLEGE (AUTONOMOUS)**  
**PUTHANAMPATTI – 621007**  
**TRICHY DT.**  
**WORKSHOP REPORT**

PG & Research Department of Chemistry, Tiruchirappalli District Tiny & Small Scale Industries Association (TIDITSSIA) – Trichy and Entrepreneurship Development and innovation Institute (EDII) Chennai jointly organized Three day Workshop on Preparation of Domestic Products from 17 – 19 September 2018. The workshop was inaugurated on 17<sup>th</sup> September 2018 at 10.30 AM. The welcome address was given by Dr A. Sekar Head & Associate Professor, Department of Chemistry, NMC. It was inaugurated by honorable President Er. Pon. Balasubramanian, Secretary Pon. Ravichandran of Nehru Memorial College and Y. Anantharaman Branch Manager, Syndicate Bank, Puthanampatti. The inaugural function was presided over by the Principal Dr. A. R. PonPeriasamy and the Key note address was given by Thiru. N. Kanagasabapathy President – TIDITSSIA. The MOU was exchanged between the Principal of NMC and Thiru. S. Punniyamorthy Secretary – TIDITSSIA. During the Three day Workshop 135 Undergraduate students and 80 Self-help group Women from nearby villages around puthanampatti participated and they were given orientation on how to prepare consumer products such as Detergent washing powder, Soap Oil, White Phenol, Pain Relieving Balm, Tooth Powder, Agar Bathi, Computer Sambirani, Candles, Liquid Blue and Face Powder. In addition to the above training financial management and successful Entrepreneurship technical session were taught to the participants. The Workshop was concluded with valedictory programme after 4.30 PM on 19<sup>th</sup> September 2018.

The valedictory address was given by honorable President Er. Pon. Balasubramanian and Principal Dr. A. R. PonPeriasamy. The report of three day workshop was presented by Dr D. Viji Saral Elizabeth Associate Professor, Department of Chemistry, NMC. All the participants were given the certificates of participation. The Vote of thanks was proposed by Dr M. Ramesh, The Organizing Secretary of the three day workshop. The programme was end with National Anthem.

  
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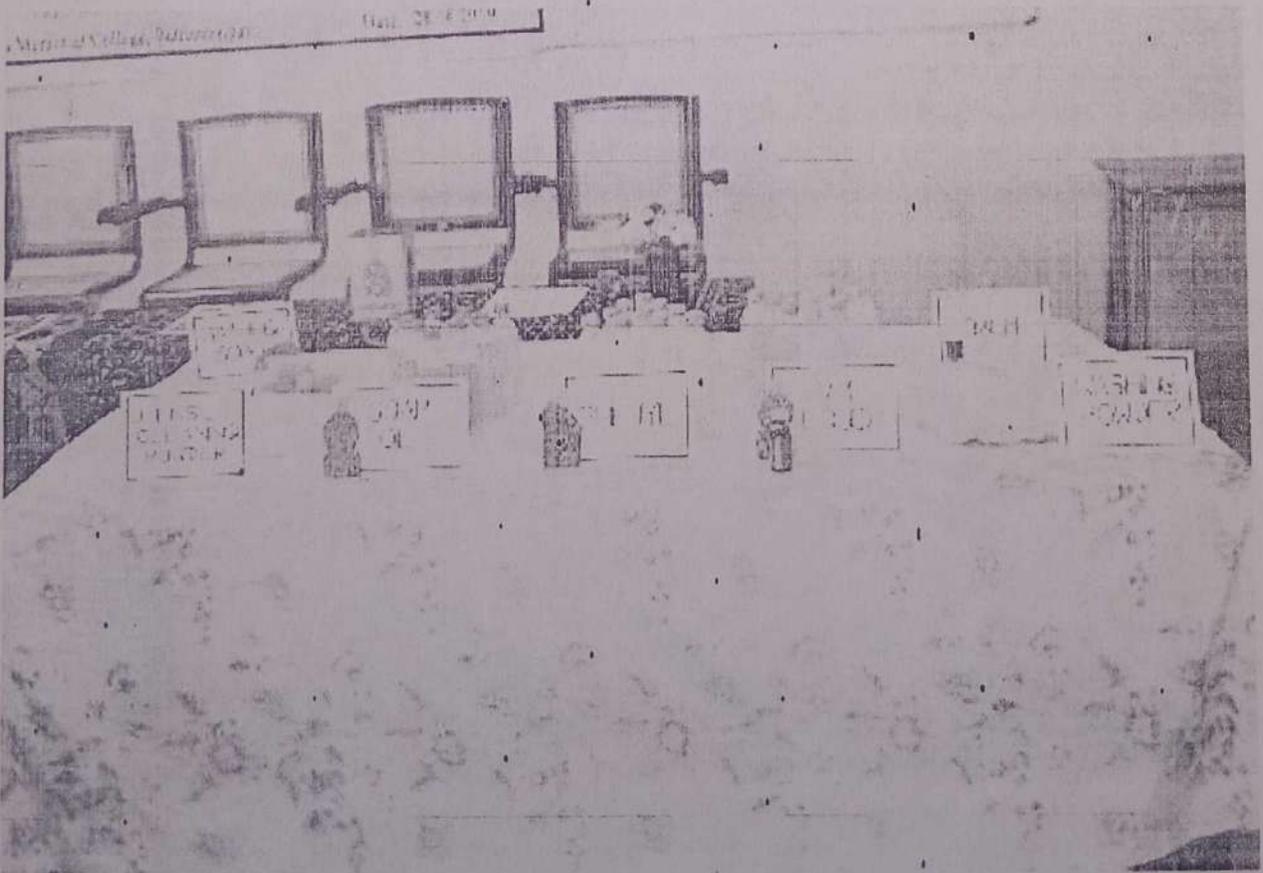
  
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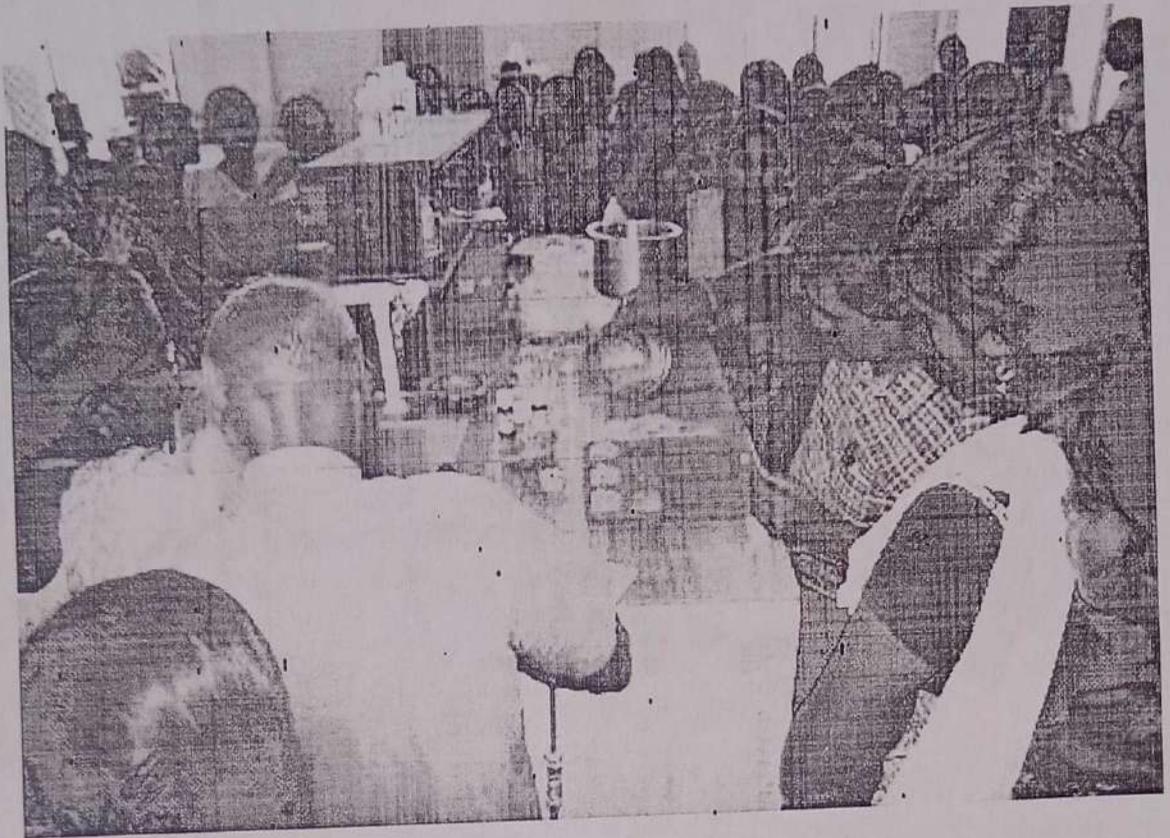


*[Handwritten signature]*  
DR. M. K. KAMBLE  
President, Maharashtra Sahitya Akademi  
Pune, Maharashtra



Microbiological Laboratory, Durrani Hospital, Karachi, Pakistan





**NEHRU MEMORIAL COLLEGE (AUTONOMOUS)  
PG AND RESEARCH DEPARTMENT OF CHEMISTRY  
PREPARATION OF DOMESTIC PRODUCTS**

**MARK STATEMENTS**

**VALUE ADDED COURSE ON DOMESTIC PRODUCTS  
PREPARATION**

**2018-2019 Batch**

Course code	Title
1. 18YDPP01	Course – I Entrepreneur on Manufacturing Servicing Sector
2. 18YDPP02 I.	Course – II Practical -Domestic Products Preparation

S.NO	NAME	CLASS	Subject CODE	Short Procedure (25)	Practical (75)	Total (100)
01	S.Dhanusiya	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	75
			18YDPP02 L	23	68	91
02	S.Logapriya	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	78
			18YDPP02 L	24	71	95
03	K.Mathumitha	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	85
			18YDPP02 I.	25	73	98
04	R.Monisha	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	70
			18YDPP02 L	20	69	89
05	A.Parameshwari	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	60
			18YDPP02 L	21	63	84
06	Pavi Nadarajah	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	55
			18YDPP02 I.	20	62	82
07	R.Shona	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	80
			18YDPP02 I.	21	71	92
09	R.Suganthi	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	78
			18YDPP02 L	20	72	92
10	M.Abirami	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	86
			18YDPP02 I.	23	63	76
11	M. Arun kumar	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	74
			18YDPP02 I.	22	61	83
12	T. Kathikeyan	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	89
			18YDPP02 I.	23	60	83
13	R. Birundha	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	90
			18YDPP02 I.	21	65	86
14	A. Vinothini	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	82
			18YDPP02 L	20	64	84

15	T.Priya	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	87
			18YDPP02 L	21	74	85
16	R. Anitha	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	92
			18YDPP02 L	20	61	81
17	P. Gayathiri	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	96
			18YDPP02 L	23	64	87
18	C.Sathyabama	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	74
			18YDPP02 L	25	63	88
19	S.Sagunthala	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	69
			18YDPP02 L	21	60	81
20	M.Rajeshwari	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	70
			18YDPP02 L	23	71	94
21	S.Premalatha	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	96
			18YDPP02 L	21	70	91
22	T.Dhivya priya	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	89
			18YDPP02 L	23	63	86
23	V. Glaraa	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	79
			18YDPP02 L	21	65	86
24	S. Dhivya	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	80
			18YDPP02 L	25	64	89
25	S. Gayathri	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	74
			18YDPP02 L	23	68	91
26	S. Monisha	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	72
			18YDPP02 L	24	69	93
27	P. Soundharya	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	65
			18YDPP02 L	23	62	85
28	E. Hemalatha	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	94
			18YDPP02 L	20	68	88
29	M. Sangetha	II <sup>nd</sup> B.Sc Zoology	18YDPP01	-	-	78
			18YDPP02 L	23	69	92
30	P.Divya	I <sup>st</sup> B.Sc Zoology	18YDPP01	-	-	72
			18YDPP02 L	22	64	86
31	R.Pavithra	I <sup>st</sup> B.Sc Zoology	18YDPP01	-	-	55
			18YDPP02 L	20	61	81
32	M.Nisha	II <sup>nd</sup> B.Sc Physics	18YDPP01	-	-	64
			18YDPP02 L	23	62	85
33	S.Nisha	II <sup>nd</sup> B.Sc Physics	18YDPP01	-	-	71
			18YDPP02 L	21	62	83
34	A.Subashini	II <sup>nd</sup> B.Sc Physics	18YDPP01	-	-	98
			18YDPP02 L	23	63	85
35	P.Sandhiya	II <sup>nd</sup> B.Sc Physics	18YDPP01	-	-	52
			18YDPP02 L	22	72	94
36	K.Birundha	II <sup>nd</sup> B.Sc Physics	18YDPP01	-	-	75
			18YDPP02 L	23	62	85
37	S. Aasha	II <sup>nd</sup> B.Sc Physics	18YDPP01	-	-	78
			18YDPP02 L	20	68	88

38	M. Sujala	II <sup>nd</sup> B.Sc Physics	18YDPP01	-	-	86
			18YDPP02 I.	24	69	93
39	R.Loganandh	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	68
			18YDPP02 I.	23	64	87
40	P.Muthusamy	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	97
			18YDPP02 I.	25	60	85
41	A.Dhinakaran	II <sup>nd</sup> B.Sc Chemistry	18YDPP01	-	-	81
			18YDPP02 I.	24	63	87
42	G.Swetha	I <sup>st</sup> B.Sc Chemistry	18YDPP01	-	-	70
			18YDPP02 I.	23	69	92
43	M.Tamilselvan	II <sup>nd</sup> B.Com	18YDPP01	-	-	80
			18YDPP02 I.	25	65	90
44	T.Banupriya	II <sup>nd</sup> B.Com	18YDPP01	-	-	65
			18YDPP02 I.	21	64	85
45	R.Aravinth	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	57
			18YDPP02 I.	22	67	89
46	Chandrukumar	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	98
			18YDPP02 I.	23	70	93
47	Gokulakannan	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	70
			18YDPP02 I.	21	71	92
48	J.Manikandan	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	60
			18YDPP02 I.	20	70	90
49	S.Rajadurai	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	52
			18YDPP02 I.	24	70	94
50	Sakthignanavel	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	78
			18YDPP02 I.	20	63	83
51	A.Selvaraj	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	71
			18YDPP02 I.	25	67	92
52	Suresh	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	83
			18YDPP02 I.	23	68	91
53	Vaithesvaran	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	75
			18YDPP02 I.	21	69	90
54	R.Yuvanesh	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	85
			18YDPP02 I.	20	62	82
55	Hemalatha	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	78
			18YDPP02 I.	21	61	82
56	S.Hemavathi	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	70
			18YDPP02 I.	20	60	80
57	Jayabarathi	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	54
			18YDPP02 I.	21	71	92
58	D.Kanishka	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	90
			18YDPP02 I.	23	72	95
59	P.Karthika	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	83
			18YDPP02 I.	24	73	97

60	K.Kavipriya	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	54
			18YDPP02 L	24	66	90
61	A.Kavya	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	78
			18YDPP02 L	23	68	91
62	S.Keerthika	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	92
			18YDPP02 L	22	69	91
63	G.Kiruthika	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	78
			18YDPP02 L	20	64	84
64	Lavanya	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	91
			18YDPP02 L	21	62	83
65	R.Malavika	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	87
			18YDPP02 L	22	63	85
66	A.Nisha	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	78
			18YDPP02 L	23	61	84
67	S.Nisha	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	89
			18YDPP02 L	21	65	86
68	Pichayee	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	91
			18YDPP02 L	20	62	82
69	Prabavathi	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	80
			18YDPP02 L	22	64	86
70	N.Punitha	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	74
			18YDPP02 L	21	67	88
71	V.Rajeshwari	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	81
			18YDPP02 L	24	74	98
72	T.Rathika	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	73
			18YDPP02 L	20	71	91
73	Roshini	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	67
			18YDPP02 L	24	70	94
74	Ruthra	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	81
			18YDPP02 L	20	70	90
75	S.Saradha	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	88
			18YDPP02 L	21	68	89
76	P.Swathi	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	92
			18YDPP02 L	23	62	85
77	B.Thangaponnu	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	76
			18YDPP02 L	22	64	86
78	S.Varsha	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	69
			18YDPP02 L	20	65	85
79	M.Venisha	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	74
			18YDPP02 L	21	68	89
80	C.Yamuna	III <sup>rd</sup> B.Sc Chemistry	18YDPP01	-	-	81
			18YDPP02 L	22	69	91
81	S.Brindha	I <sup>st</sup> B.Sc Chemistry	18YDPP01	-	-	89
			18YDPP02 L	23	62	85
82	R.Iswarya	I <sup>st</sup> B.Sc Chemistry	18YDPP01	-	-	76
			18YDPP02 L	24	65	89

83	M.Saravanan	III <sup>rd</sup> B.Sc Chemistry	18YDPP01 18YDPP02 I.	- 25	- 52	74 87
84	P. Yamuna	III <sup>rd</sup> B.Sc Chemistry	18YDPP01 18YDPP02 I.	- 22	- 71	67 93
85	R. Kalaivani	III <sup>rd</sup> Chemistry	18YDPP01 18YDPP02 I.	- 20	- 70	78 90
86	J.Sangeetha	I <sup>st</sup> B.Com	18YDPP01 18YDPP02 I.	- 21	- 60	85 81
87	P. Manjula	II <sup>nd</sup> B.Sc Mathematics	18YDPP01 18YDPP02 I.	- 23	- 66	90 89
88	P. Kavitha	II <sup>nd</sup> B.Sc Mathematics	18YDPP01 18YDPP02 I.	- 20	- 65	83 85
89	A.M. Krishnaveni	II <sup>nd</sup> B.Sc Mathematics	18YDPP01 18YDPP02 I.	- 22	- 69	74 91
90	S. Praveena	II <sup>nd</sup> B.Sc Mathematics	18YDPP01 18YDPP02 I.	- 24	- 68	87 92
91	M. Nivetha	II <sup>nd</sup> B.Sc Mathematics	18YDPP01 18YDPP02 I.	- 21	- 67	91 88
92	S. Lavanya	II <sup>nd</sup> B.Sc Computer Science	18YDPP01 18YDPP02 I.	- 22	- 64	68 86

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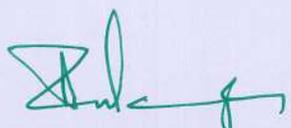
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## CERTIFICATE

*This is to certify that SANGEETHA , M. (VAC17Z0033)  
has successfully completed the Certificate Course on  
**“DOMESTIC PRODUCTS PREPARATION”** conducted in  
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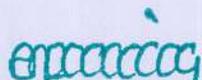
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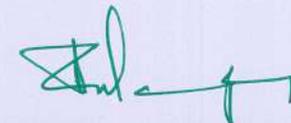


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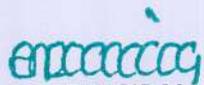
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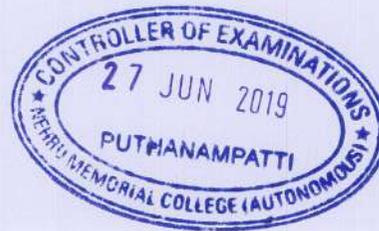
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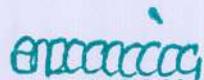
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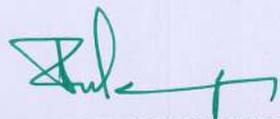


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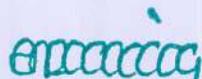
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