



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

**APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES**

Date of Application:18-12-2020

Department	CHEMISTRY	Application No.	202020120
Area of Research	FOOD CHEMISTRY	Research Mode	PART TIME

**Name** :ASHA V  
**Date of Birth / Age** :10-07-1982 / 38 Years  
**Gender** :FEMALE  
**Category** :OBC  
**e-Mail ID** :ashavalsalan2010@gmail.com  
**Mobile** :9744044230



<b>Father's/Husband's Name</b>	VALSALAN P V	<b>Father's/Husband's Occupation</b>	EX-SERVICE
<b>Family Income</b>	300000	<b>Residential Type</b>	RURAL
<b>Birth Place</b>	ULLANNOOR,PATHANAMTHITTA	<b>Mother Tongue</b>	MALAYALAM
<b>Religion</b>	HINDU	<b>Martial Status</b>	MARRIED
<b>Aadhaar No.</b>	369496438042	<b>PAN No.</b>	ANAPV5200A
<b>Physically Challenged</b>	NO	<b>Type of Disability</b>	-
<b>Address for Communication:</b> AKHILESH BHAVAN ULLANNOOR P O KOZHENCHERRY PATHANAMTHITTA DISTRICT KERALA INDIA Pin-689503		<b>Permenant Address:</b> AKHILESH BHAVAN ULLANNOOR P O KOZHENCHERRY PATHANAMTHITTA DISTRICT KERALA INDIA Pin-689503	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.SC	CHEMISTRY	MAHATMA GANDHI UNIVERSITY	2005	69.27	FIRST CLASS	REGULAR
B.SC	CHEMISTRY	MAHATMA GANDHI UNIVERSITY	2003	70.90	FIRST CLASS	REGULAR
B.ED	PHYSICAL SCIENCE	KERALA UNIVERSITY	2007	67.10	FIRST CLASS	REGULAR
PRE-DEGREE	SCIENCE	MAHATMA GANDHI UNIVERSITY	2000	56.40	SECOND CLASS	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
SREE BUDDHA COLLEGE OF ENGINEERING,PATTOOR	ASST.PROFESSOR	2017-07-19	2020-12-09	PERMANENT
SREE BUDDHA COLLEGE OF ENGINEERING,PATTOOR	LECTURER	2016-07-19	2017-07-18	PERMANENT
SREE BUDDHA COLLEGE OF ENGINEERING,ELAVUMTHITTA	LECTURER	2009-08-03	2014-09-03	PERMANENT
SREE BUDDHA CENTRAL SCHOOL	PGT	2015-06-25	2016-06-18	PERMANENT

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020120_201218195303	VUR29572091892	18-12-2020	600	SUCCESS

## **Proposed Area and Topic of Research**

**Name of the Candidate** : ASHA V

**Field of Research** : Food Chemistry

### **Proposed title of the work:**

Food preservative action of antimicrobials from Ginger, Pepper, Drumstick leaves, Indian Borage and Clove Basil.

### **Research problem:**

Compare the food preservative action of extracts from Ginger, Pepper, Indian Borage, Drumstick leaves and Clove Basil. Identify which extract can more effectively work as a food preservative without much chemical modification.

### **Scientific background:**

Food preservatives play a vital role in preventing deterioration of food, protecting against spoilage from mold, yeast, life-threatening botulism and other organisms that can cause food poisoning. Food preservatives derived from plants are being 100 per cent natural. It is also more effective than artificial preservatives and does not require any further processing to keep food fresh. This may open new doors in food preservation technologies, providing a low-cost solution for industries, which will in turn encourage a sustainable food production system that can produce healthier food that stay fresh longer.

### **Novelty:**

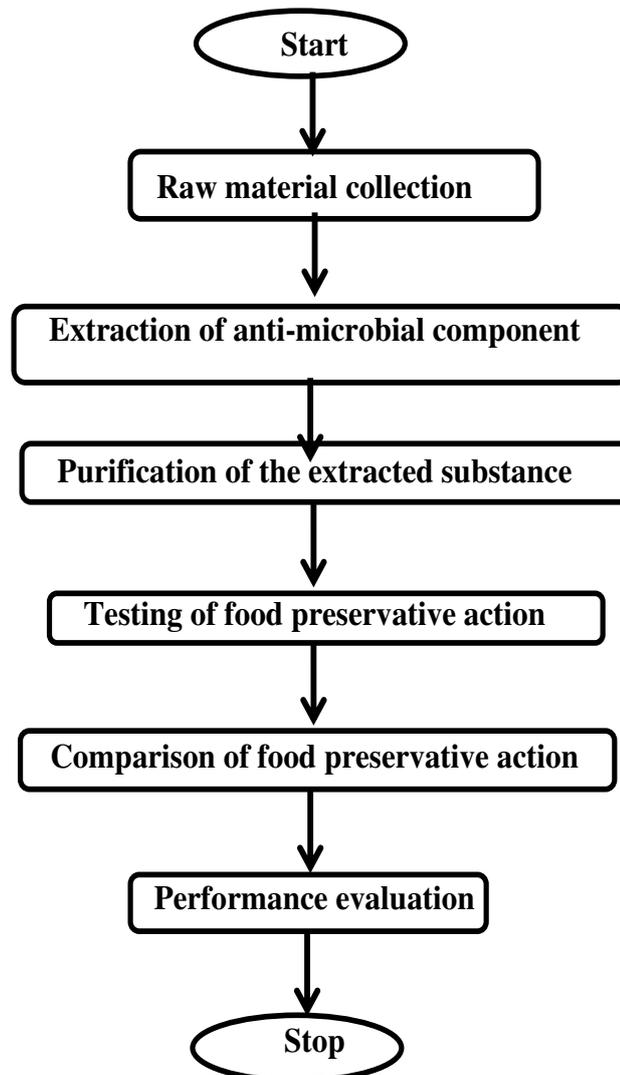
The demand of the consumers for increasingly healthy and shelf-stable food has prompted the search for food preservatives with low potential health risks. Plants and their derivatives are viable alternatives in the process of preserving food.

## **Objectives:**

The main objective is to detect the effective food preservative action of antimicrobial extracts from Ginger, Pepper, Drumstick leaves, Indian Borage and Clove Basil.

## **Methodology:**

After extracting and purifying antimicrobial components present in Ginger, Pepper, Drumstick leaves, Indian Borage and Clove Basil will test for food preservative action in various food samples. The flow chart of the proposed method is shown in following Figure.



**Research time plan(Chart):**

Stages of Research	0-6 months	6-12 months	12-18 months	18-24 months	24-30 months	30-36 months
Selection of topic	■					
Literature Review	■	■				
Research methodology plan		■	■			
Selection of appropriate research techniques			■	■		
Analysis				■	■	
Findings and recommendations					■	
Data Compilation, Publications and Final Report					■	■

**Possible outcome:**

Safe and hygienic food is a requirement for a healthy society. Chemical preservative has created some health problems in foods, so the recent trend is towards the use of natural antimicrobials in foods. Many plant antimicrobials possess antimicrobial activity against pathogens and spoilage microorganisms. But variation in effectiveness of these compounds against microorganisms in real food systems is a major determinant in their food use. So the improvement in cost-effective isolation and toxicological information about these compounds is helpful in their use as a bio preservative in foods. Development of cost-effective methods for the extraction of plant antimicrobials should be searched out.

## **References:**

1. S. Arabshahi-D, D. Vishalakshi Devi, and A. Urooj, "Evaluation of antioxidant activity of some plant extracts and their heat, pH and storage stability," *Food Chemistry*, vol. 100, no. 3, pp. 1100–1105, 2007.
2. Kuan Rei Ng, Xiaomei Lyu, Rita Mark, Wei Ning Chen. Antimicrobial and antioxidant activities of phenolic metabolites from flavonoid-producing yeast: Potential as natural food preservatives. *Food Chemistry*, 2019; 270: 123 DOI: 10.1016/j.foodchem.2018.07.077
3. Embuscado, M. E. 2015. Spices and herbs: Natural sources of antioxidants – a mini review. *Journal of Functional Foods* 18: 811–819
4. Negi, P. S. 2012 Plants extracts for the control of bacterial growth: efficacy, stability and safety issues for food application. *International Journal Food Microbiology* 156: 7–17
5. Krishnan, K. R., Babuskin, S., Babu, P. A. S., Sasikala, M., Sabina, K., Archana, G., Sivarajan, M. and Sukumar, M. 2014. Antimicrobial and antioxidant effects of spice extracts on the shelf life extension of raw chicken meat. *International Journal of Food Microbiology* 171: 32–40.
6. Negi, P. S. 2012 Plants extracts for the control of bacterial growth: efficacy, stability and safety issues for food application. *International Journal Food Microbiology* 156: 7–17.
7. Boziaris IS, Proestos C, Kapsokefalou M, Komaitis M. Antimicrobial effect of *Filipendula ulmaria* plant extract against selected foodborne pathogenic and spoilage bacteria in laboratory media, fish flesh and fish roe product. *Food Technol Biotechnol.* 2011;49:263–70. [Google Scholar]
8. Malinowska-Panczyk E, Kolodziejska I, Murawska D, Wolosewicz G. The combined effect of moderate pressure and chitosan on *Escherichia coli* and *Staphylococcus aureus* cells suspended in a buffer and on natural microflora of apple juice and minced pork. *Food Technol Biotechnol.* 2009;47:202–9.

Register No.  
&  
Year

61243

May 2005

# Mahatma Gandhi University



## FACULTY OF SCIENCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

*Aska V.*

*has been admitted to the  
Degree of Master of Science*

*she having been certified by duly appointed Examiners  
to be qualified to receive the same and having been by them  
placed in the First Class in Branch ( IV-B)*

*Polymer Chemistry  
at the examination held in May 2005*

*Given under the seal of the University.*

University Buildings  
Kottayam - 686 560  
Kerala, India

*14 August 2006*



Vice-Chancellor

Register No. 2nd Year **308685** / April 2002  
&  
Year 3rd Year... **308685** / April 2003

# Mahatma Gandhi University



## FACULTY OF SCIENCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Asha V**

*has been admitted to the Degree of Bachelor of Science,  
he/she having been certified by duly appointed examiners to be  
qualified to receive the same and having been by them placed  
after passing the prescribed examinations, in the... **Second**....class  
in Part I - English, in the... **First**.....class in Part II - Additional  
Language (..... **Hindi**.....) and in the... **First**.....class  
in Part III - Optional Subjects (Group. **iii Chemistry**.....  
..... **Main and Mathematics and**  
..... **Physics Subsidiaries**)  
in **April 2002, April 2002 and April 2003** respectively.*

*Given under the seal of the University.*

University Buildings,  
Kottayam - 686 560  
Kerala, India

**30<sup>th</sup> Sept 2004**



Vice-Chancellor

Folio No. : 80904

Certificate No. : 0195



13. Photograph



## GOVERNMENT OF KERALA

DIRECTORATE OF HIGHER SECONDARY EDUCATION

**STATE ELIGIBILITY TEST - SEPTEMBER 2008**

Roll No. : 53040012

Certified that Shri / Smt **ASHA V** has

passed the State Eligibility Test prescribed as one of the qualifications for appointment as

Higher Secondary School Teacher.

Date of Test : 28<sup>th</sup> September, 2008.

Subject : **CHEMISTRY**

Thiruvananthapuram

Date : 31/10/2008

  
Director

Register No : 91129



### FACULTY OF EDUCATION

*The Senate of the University of Kerala hereby makes known that **Asha, V.** has been admitted to the Degree of Bachelor of Education, she having been certified by duly appointed Examiners to be qualified to receive the same, and having been by them placed in the **First Class** with the Optional Subject **Physical Science** at the examination held in **September 2007**.*

*Given under the seal of the University*

University Buildings  
Thiruvananthapuram October 22, 2008



*[Signature]*  
Vice Chancellor



# Mahatma Gandhi University



KOTTAYAM,

Date: 22 DEC 2004

Book No. : 1

Serial No. : 81

Section : EH-II

## MEMORANDUM

Shri / Smt. Asha V candidate with Reg. No. 61273 has been awarded the following marks at the M.Sc. Degree ( I Semester ) Examination of February 2004.

SUBJECTS	Marks awarded	Minimum marks required for pass	Maximum marks
<b>FACULTY OF SCIENCE</b>			
<b>BRANCH IV B. POLYMER CHEMISTRY</b>			
CH 101 Inorganic Chemistry - I			
Internal Assessment	18		25
University Examination	30	30	75
<b>Total</b>	<b>48</b>	<b>40</b>	<b>100</b>
CH 102 Organic Chemistry - I			
Internal Assessment	17		25
University Examination	31	30	75
<b>Total</b>	<b>48</b>	<b>40</b>	<b>100</b>
CH 103 Physical Chemistry - I			
Internal Assessment	20		25
University Examination	34	30	75
<b>Total</b>	<b>54</b>	<b>40</b>	<b>100</b>
CH 104 Theoretical Chemistry - I			
Internal Assessment	19		25
University Examination	39	30	75
<b>Total</b>	<b>58</b>	<b>40</b>	<b>100</b>
<b>Grand Total</b>	<b>208</b>	<b>160</b>	<b>400</b>
<b>Grand Total in Words</b>	<u>Two zero Eight</u>		

Marks entered by : [Signature]  
 Marks compared by : [Signature]  
 Section Officer : [Signature]  
 Asst. Registrar : [Signature]

**CONTROLLER OF EXAMINATIONS**



# Mahatma Gandhi University



Book No. : 2  
Serial No. : 01  
Section : EH-II

KOTTAYAM,  
Dated 25 JUN 2005

## MEMORANDUM

The following marks were awarded to Sri/Smt. Asha V candidate with Register Number 61273 at the M.Sc. Degree (II Semester) Examination held in July 2004.

SUBJECTS	Marks awarded	Minimum marks required for pass	Maximum marks
<b>FACULTY OF SCIENCE</b>			
<b>BRANCH IV B- POLYMER CHEMISTRY</b>			
CH -PC-201 Inorganic Chemistry II	19		25
Internal Assessment	32	30	75
University Examination	51	40	100
<b>Total</b>			
CH -PC-202 Organic Chemistry II	21		25
Internal Assessment	32	30	75
University Examination	53	40	100
<b>Total</b>			
CH -PC-203 Physical Chemistry II	20		25
Internal Assessment	30	30	75
University Examination	50	40	100
<b>Total</b>			
CH -PC-204 Theoretical Chemistry II	21		25
Internal Assessment	30	30	75
University Examination	51	40	100
<b>Total</b>			
CH -PC-205 Inorganic Chemistry Practicals-I	24		25
Internal Assessment	70	30	75
University Examination	94	40	100
<b>Total</b>			
CH -PC-206 Organic Chemistry Practicals-I	25		25
Internal Assessment	75	30	75
University Examination	100	40	100
<b>Total</b>			
CH -PC-207 Physical Chemistry Practicals-I	23		25
Internal Assessment	58	30	75
University Examination	81	40	100
<b>Total</b>			
<b>Grand Total</b>	<b>480</b>	<b>280</b>	<b>700</b>
<b>Grand Total in words</b>	<b>Four Eight zero</b>		

Marks entered by : [Signature]  
Marks compared by : [Signature]  
Section Officer : [Signature]  
Asst. Registrar : [Signature]

[Signature]  
CONTROLLER OF EXAMINATIONS





# Mahatma Gandhi University

Book No : 1

Serial No : 93

Section : KH - II



KOTTAYAM  
9 NOV 2005  
Dated.....

## MEMORANDUM

The following marks were awarded to Sri/Smt. Asda. V. candidate with Reg. No. 61273 at the M. Sc. Degree IV Semester (Final) Examination held in May 2005

SUBJECTS	MARKS AWARDED			Minimum marks required for pass	Maximum marks	
	University Examination	Internal Assessment	Total			
<b>FACULTY OF SCIENCE</b>						
<b>BRANCH IV (D) POLYMER CHEMISTRY</b>						
CH-PC 401	Synthesis, Properties and Degradation of Polymers	60	22	82	40	100
CH-PC 402	Polymer Compounding, Processing and Testing	47	20	67	40	100
CH-PC 403	Polymer Technology	42	22	64	40	100
CH-PC 404	Preparative Polymer Chemistry/ Latex Analysis - Practicals	64	23	87	40	100
CH-PC 405	Polymer Physical Chemistry and Polymer Identification - Practicals	67	24	91	40	100
CH-PC 406	Polymer Technology - Practicals	64	22	86	40	100
CH-PC 407	Project Work	65	23	88	40	100
CH-PC 408	Comprehensive Viva-Voce	85	—	85	40	100
IV Semester Total				650	320	800
Marks carried forward from I Semester				208	160	400
Marks carried forward from II Semester				480	320	700
Marks carried forward from III Semester				186	120	300
Grand Total				1524	800	2200
Grand Total in words				<u>One Five Two Four</u>		

Maximum Marks : University Examination - 75, Internal Assessment - 25.

Pass Minimum : Separate minimum of 40% for each university examination & pass minimum for Internal Assessment.

Marks entered by :

Marks corrected by :

Section Officer :

Asst. Registrar :

PG 30/2003 (A) AL 28/08/03 (2 x 10)

CONTROLLER OF EXAMINATIONS

# Mahatma Gandhi University



Book No. : 65  
 Serial No. : 01  
 Section : EF I,II,III,IV,V,VI



KOTTAYAM,

Dated 30 JAN 2002

## MEMORANDUM

The following marks were awarded to Shri/Smt. *Asha* ✓  
 (Reg. No. *308685*...) at the First Year B. Sc. Degree Examination April / May 2001...

SUBJECTS	MARKS AWARDED		Maximum Marks	
	in figures	in words		
<b>PART I - ENGLISH</b>				
Paper I	33	/	80	
Internal Assessment	17		20	
Paper II	30		80	
Internal Assessment	18		20	
<b>PART II - ADDITIONAL LANGUAGE</b> ( <i>Hindi</i> )				
Paper I	34		80	
Internal Assessment	17		20	
<b>PART III - OPTIONAL SUBJECTS</b>				
<b>MAIN SUBJECT</b>				
Group ( <i>m</i> ) <i>Chemistry</i>				
Theory Paper I	35		48/50/56/60	
Internal Assessment	9-		10/12/14/15	
Practical Paper I			25	
Internal Assessment			5	
<b>SUBSIDIARY SUBJECTS</b>				
1. <i>Mathematics</i>				
Paper I	48	48/50/52/80		
Internal Assessment	17	10/12/13/20		
2. <i>Physics</i>				
Paper I	30	48/50		
Internal Assessment	9-	10/12		

Prepared by : *[Signature]*  
 Marks checked by : *[Signature]*  
 Section Officer : *[Signature]*

*[Signature]*

CONTROLLER OF EXAMINATIONS

# Mahatma Gandhi University

Book No. 98  
 Serial No. 98  
 Section: RP-4-11-11-1V, V



KOTTAYAM  
 4 JAN 2003  
 Dated.....

## MEMORANDUM

The following marks were awarded to Shri/Smt. Asha ✓  
 (Reg. No. 308085...) at the Second Year B.Sc. Degree Examination of April/May 2002

SUBJECTS	Mode of Evaluation	MARKS AWARDED			Minimum marks for a pass	Maximum marks	
		in figures	in words				
PART I - ENGLISH	External	101			72	240	
	Internal	50			18	60	
	Total	151	One	Five	One	105	300
PART II - ADDITIONAL LANGUAGE							
(..... <u>Hindi</u> .....)	External	131			72	240	
	Internal	50			18	60	
	Total	181	One	Eight	One	100	300
PART III - OPTIONAL SUBJECTS							
Group (B) Chemistry Main							
Paper II	External	28				48	
	Internal	-9-				12	
Practical Paper I	External	23				50	
	Internal	-5-				8	
SUBSIDIARY SUBJECTS							
1. Mathematics	External	86			48	100	
	Internal	36			12	40	
	Total	122	One	Two	Two	70	200
2. Physics	External	86			48	100	
	Internal	33			12	40	
	Total	119	One	One	Nine	70	200

Marks entered by: [Signature]  
 Marks compared by: [Signature]  
 Section Officer: [Signature]

[Signature]  
 CONTROLLER OF EXAMINATIONS

# Mahatma Gandhi University



Book No: 57  
 Serial No: 48  
 Section: EF - I, II, III, IV, V, VI



KOTTAYAM

Date: 28 MAY 2003

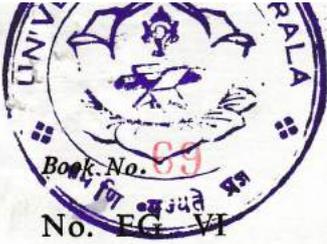
## MEMORANDUM

The following marks were awarded to Shri. / Smt. Asha. V  
 (Reg. No. 308685.....) at the Final Year B. Sc. Degree Examination of March/April /  
 September/October 200. 3

SUBJECT	Mode of Evaluation	Marks Awarded		Minimum marks for a pass	Maximum Marks
		in figures	in words		
<b>PART III - OPTIONAL SUBJECTS</b>					
<b>a) Group (iii) CHEMISTRY MAIN</b>					
1) Written Examination	External	207	Two Zero Seven	86	288
	Internal	61	Six One	22	72
	<b>Total</b>	<b>268</b>	<b>Two Six Eight</b>	<b>108</b>	<b>360</b>
2) Practical & Laboratory Records	External	157	One Five Seven	58	192
	Internal	43	Four Three	14	48
	<b>Total</b>	<b>200</b>	<b>Two Zero Zero</b>	<b>72</b>	<b>240</b>
<b>Total for Main</b>		<b>468</b>	<b>Four Six Eight</b>	<b>210</b>	<b>600</b>
<b>b) SUBSIDIARY SUBJECTS</b>					
1) Mathematics		122		70	200
2) Physics		119		70	200
<b>GRAND TOTAL</b>		<b>709</b>	<b>Seven Zero Nine</b>	<b>350</b>	<b>1000</b>

Prepared by : [Signature]  
 Checked by : [Signature]  
 Section Officer : [Signature]

CONTROLLER OF EXAMINATIONS



# UNIVERSITY OF KERALA



Serial No. **2**

Thiruvananthapuram,

Dated **22 AUG 2007**

Register Number 31129

## MEMORANDUM

The following marks were awarded to Shri / Smt. Asha V  
at the First Semester B. Ed. Degree Examination of March 2007.

Subjects	Marks awarded		Minimum marks required for a pass	Maximum marks
	In figures	In words		
<b>A. Core Subjects</b>				
1. Theoretical Base of Education - Philosophical & Sociological	44		28	70
2. Psychological Base of Education	49		28	70
3. Associate Subjects : Educational Technology and Educational Evaluation	49		28	70
<b>B. Optional Subject</b> <u>Physical Science</u>				
4. Theoretical base of Teaching	56		28	70
5. Principles of Pedagogical Analysis	33		20	50
<b>C. Practicals</b>				
1. Health & Physical Education	14		10	20
2. Teaching Practice	36		25	50
<b>Total</b>	<b>281</b>	<b>Two Eight One</b>	<b>200</b>	<b>400</b>

Marks entered by Aisambin

Marks checked by Paperwar

Section Officer Leekath

Assistant Registrar [Signature]

[Signature]

CONTROLLER OF EXAMINATIONS



# UNIVERSITY OF KERALA



Serial No. 72

Thiruvananthapuram,

Dated 4 DEC 2007

No. EG. VI

Register Number 31129

## MEMORANDUM

The following marks were awarded to Shri / Smt. Asha, V  
at the Second Semester B. Ed. Degree Examination of September 2007.

Subjects	Marks awarded		Minimum marks required for a pass	Maximum Marks
	In figures	In words		
<b>A. Core Subjects</b>				
6. Theoretical Base of Education - National	37		28	70
7. Theories of Learning	46		28	70
8. Associate Subjects: Educational Management & Environmental Education	41		28	70
<b>B. Optional Subject</b> <u>Physical Science</u>				
9. Modern Instructional Strategies	43		28	70
10. Pedagogical analysis of Syllabus	33		20	50
<b>C. Practicals</b>				
1. Sports & Games	14		10	20
2. Teaching Practice	176		125	250
<b>Total</b>	<b>390</b>		<b>300</b>	<b>600</b>
<b>Total for First Semester</b>	<b>281</b>		<b>200</b>	<b>400</b>
<b>Grand Total (SI &amp; SII)</b>	<b>671</b>	<b>Six Seven One</b>	<b>500</b>	<b>1000</b>

Marks entered by Airambis

Marks checked by Jalee

Section Officer Sudhakar

Assistant Registrar [Signature]

Bulaha. M. P.  
CONTROLLER OF EXAMINATIONS



Signature of Candidate : ASHA

Left thumb impression of the candidate



1. Name of Candidate ASHA V  
 (In English, in block capitals, initials, after the name)

(a) Expansion of initials, if any .....

(b) Name in Regional Language അശ്വതി

2. Sex Female 3. Religion Hindu 4. Caste Ezhavan

5. Place of Birth Mezhuveli

(a) Name of Panchayath/Town Mezhuveli (b) Country India

6. Nationality Indian 7. Date of birth (in figures) 7-10-1982  
 (in words) Seventh October Nineteen Eighty Two

8. Name of Father Valsalan P.V

9. Name of Mother Sathi

10. Name of Guardian Valsalan P.V

11. Relationship of the Guardian with the Pupil Father

12. Occupation of the Parent/Guardian Ex-Service

13. Parent's or Guardian's Postal Address Akhilesh Bhavan, Ullanoor, Pothanamthitta 14. Mode of Presentation Regular

15. Proficiency in Academic, Athletic and Cultural Activities (State level / National level) NIL

16. Participation and Leadership in Other Activities. (N. C. C. / Scouts & Guides, Junior Redcross) NIL

17. Conduct and Character (High/Average) High

18. Personal Marks of Identification 19. Blood Group 'B' +ve

(i) A black mole on the left cheek.

(ii) Another mole on the left wrist.



I certify that the entries in this page are accurate, as per relevant school records.

Name and Signature of Head of School with date 16/4/98  
S. R. SUSEELA  
 HEADMISTRESS  
P. H. S. MEZHUVELI

Designation :



SECONDARY SCHOOL LEAVING CERTIFICATE EXAMINATION

Name of Candidate ASHA V  
 (Block Capitals)  
 Register Number 547814 Month & Year MARCH 1998

Subjects	Maximum	Marks at the Public Examination		Minimum for a pass		State Average
		For the Paper	Subject Total	Group Total		
				In Figure	In words	
<b>GROUP A - Languages</b>						
FIRST LANGUAGE						
Paper I ( <u>mal</u> )	50	37	80	One, Seven, Seven	20	24
Paper II ( <u>mal</u> )	50	43				25
<b>SECOND LANGUAGE</b>						
English Paper I	50	36	57	Two, Seven, Seven	20	16
Paper II	50	21				17
<b>THIRD LANGUAGE</b>						
Hindi	50	40	40		10	21
<b>GROUP B - Subjects</b>						
<b>SOCIAL SCIENCES</b>						
Paper I - History & Civics	50	37	79		20	20
Paper II - Geography & Economics	50	42				21
<b>SCIENCE</b>						
Paper I - Physics	50	37	98	Two, Three, Five	30	17
Paper II - Chemistry	50	34				18
Paper III - Biology & Health Science	50	27				19
<b>MATHEMATICS</b>						
Paper I	50	30	58		20	17
Paper II	50	28				17
TOTAL	600			412	Four, One, Two	

(Marks : 480 and above First Class with Distinction; 360 to 479 First Class; 300 to 359 Second Class; 210 to 299 Third Class)

**PASSED**  
 Eligible for admission to study in the Universities in Kerala subject to University regulations

K. SASIHARAN  
 Secretary, Board of Public Examinations, Kerala State

# MAHATMA GANDHI UNIVERSITY

Section : ED XXXVII

Book No: 214

Serial No: 34



Register Number

113300

## MEMORANDUM

This is to certify that Shri / Smt. Asha.V.....

appeared for the First Year Pre-Degree Examination held in April / May 1999.....

He / She has Passed / ~~Failed~~ in this Examination. The following marks are awarded.

SUBJECTS	Marks Awarded		Pass Minimum	Passed/Failed	Maximum Marks
	in words	in figures			
PART A - ENGLISH PAPER I	Six, one	61	33	P	100
PART B - ADDITIONAL LANGUAGE ..... <u>Hindi</u> ..... Paper I	Six, one	61	33	P	100
PART C - OPTIONAL SUBJECTS					
1. Physics Paper I	Five, five	55	33	P	100
2. Chemistry Paper I	Four, four	44	33	P	100
3. Biology Paper I	Five, four	54	33	P	100

KOTTAYAM, Dated: 20 DEC 1999

Marks Entered by : [Signature]

Marks Checked by : [Signature]

Section Officer : [Signature]

Asst. Registrar : [Signature]

[Signature]

CONTROLLER OF EXAMINATIONS

# MAHATMA GANDHI UNIVERSITY

Section : ED 29

Book No. : 50

Serial No. : 07



Kottayam,

Dated: 9 JUN 2000

Register Number

113300

This is to certify that Shri/Smt. Asha V. appeared for the PRE-DEGREE EXAMINATION held in April / September 199. 2000

1. He / She has passed the Examination in

FIRST CLASS WITH DISTINCTION	<del>FIRST CLASS</del>	SECOND CLASS	<del>THIRD CLASS</del>
------------------------------	------------------------	--------------	------------------------

2. He / She has completed the Examination in Third Class.

3. He / She has not completed the Examination.

The marks obtained by the candidate for different subjects are shown below:-

SUBJECTS	MARKS AWARDED		Minimum marks for a pass	Maximum marks
	in figures	in words		
PART A - ENGLISH	45	Four Five	35	100
PART B - ADDITIONAL LANGUAGE (..... <u>Hindi</u> .....) )	71	Seven One	35	100
PART C - OPTIONAL SUBJECTS				
1. Physics	68	Six Eight	35	100
2. Chemistry	49	Four Nine	35	100
3. Biology	49	Four Nine	35	100
Total for Optional Subjects	166	One Six Six	105	300
Grand Total	282	Two Eight Two	175	500

Marks entered by [Signature]

Marks compared by [Signature]

Section Officer [Signature]

Assistant Registrar [Signature]

CONTROLLER OF EXAMINATIONS

# N. S. S. Training College, Pandalam.

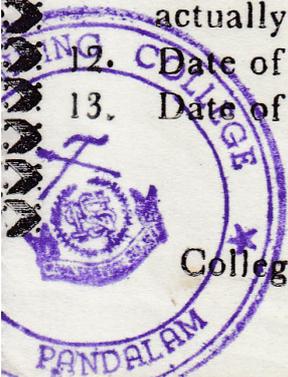
## TRANSFER CERTIFICATE

138

No.

Date 9-10-07

1. Name of Student ASHA.V ✓
2. Date of birth as entered in the admission register 7-10-1982 ✓  
(Seven - Ten - Nineteen Eighty Two)
3. No. in admission register 7212 ✓
4. Date of admission 17-10-06 ✓
5. Date of removal 25-8-07 ✓
6. Subjects studied Physical science ✓
7. Whether qualified for promotion to a higher class Course Completed ✓
8. Whether all dues to the College have been discharged Yes
9. Whether the student was in receipt of any scholarship or concession (Nature to be specified)
10. a) The University Examination for which the student was last presented from the college  
b) Reg: No of the student  
c) Date of the Examination  
d) Whether the student has appeared for the Examination  
e) The parts in which he/she has passed  
f) The parts in which he/she has failed
11. The date on which the student actually left the college
12. Date of application for T. C. 9-10-07
13. Date of issue of the T. C. 9-10-07



College Seal

NAAC ACCREDITED B++ GRADE  
Email [principal@nsstndin.org](mailto:principal@nsstndin.org)

PRINCIPAL

N.S.S. TRAINING COLLEGE  
PANDALAM



# SREE BUDDHA COLLEGE OF ENGINEERING

PATTOOR P.O., ALAPPUZHA DIST., KERALA. PIN - 690 529

Approved by AICTE, New Delhi & Affiliated to APJ Abdul Kalam Technological University, Kerala

Tel.0479-2375440,42,43. e-mail: principal@sbce.ac.in / sreebuddha@ktu.edu.in website: www.sbce.ac.in

Managed by Sree Buddha Educational Society, Kollam - 691 021



No. SBCE/ 1636 /2020-21

09.12.2020

## EXPERIENCE CERTIFICATE

This is to certify that Ms. Asha. V , Department of Basic Science, has been working in this institution as Lecturer from 19.07.2016 to 18.07.2017 and as Assistant Professor from 19.07.2017 to till date. Her conduct and character are good.

This certificate is issued on her request so as to enable her to apply for part-time PhD registration.



  
9/12/2020  
(Ao)  
PRINCIPAL



# SREE BUDDHA CENTRAL SCHOOL

(Affiliated to CBSE Delhi, Code No. 930734)

PATTOOR P.O, NOORANAD. TEL : 0479 - 2375446

(MANAGED BY SREE BUDDHA EDUCATIONAL SOCIETY, KOLLAM.)

Date: 31/06/2016

## EXPERIENCE CERTIFICATE

This is to certify that Mrs. Asha.V, Akhilesh Bhavan, Ullannoor P.O, Kulanada, has been working in this institution as a PGT (Chemistry) since 25/06/2015. She is an eminent worker in the field of teaching. Her service in this institution from the above said period is praiseworthy. So her work and effort shall be a very good asset to any institution. Her character and conduct are exemplary.

PRINCIPAL

31/06/2016  
Principal  
Sree Buddha Central School  
Pattoor P.O., Nooranad





# SREE BUDDHA COLLEGE OF ENGINEERING FOR WOMEN

AYATHIL, ELAVUMTHITTA P.O-689 625, PATHANAMTHITTA DIST., KERALA  
AFFILIATED TO M.G. UNIVERSITY, KOTTAYAM

Tel. 0468 2258100, 2259400 Fax : 0468 2259100 e-mail: sbcewae@gmail.com website : www.sbcew.ac.in

Managed by Sree Buddha Foundation, Kollam.

(A sister institution of Sree Buddha College of Engineering, Pattoor, Nooranad)

Chairman  
PROF. K. SASIKUMAR  
9447333269

Vice Chairman  
PROF.V. PRASAD  
9447281345

Secretary  
DR. K. B. MANOJ  
9447106774

Treasurer  
SRI. G. YATHEESH  
9446182334

SBCEW/TEF/BS/1858/2014

03-09-2014

## EXPERIENCE CERTIFICATE

*Certified that Ms. Asha. V has been working as Lecturer in Chemistry in the Department of Basic Sciences in this College since 03-08-2009.*

*She was on Leave on Loss of Pay from 11-11-2009 to 27-07-2010.*

*Also certified that this institution is approved by All India Council for Technical Education, New Delhi.*

*Her conduct and character are good.*



  
PRINCIPAL



Self attested  
by Asha V  
*[Signature]*



ഭാരതീയ സവിശേഷ തിരിച്ചറിയൽ അതോറിറ്റി

ഭാരത സർക്കാർ  
Unique Identification Authority of India  
Government of India

പ്രവേശന നമ്പർ / Enrolment No.: 2003/13006/05018

To  
22/12/2011  
ആശ വി  
Asha V  
D/O: Valsalan P V  
Akhilesh Bhavan Ullannoor P O  
Kulanada  
Pathanamthitta  
Kerala 689503



നിങ്ങളുടെ ആധാർ നമ്പർ / Your Aadhaar No. :

**3694 9643 8042**

ആധാർ - സാധാരണക്കാരന്റെ അവകാശം



ഭാരത സർക്കാർ  
GOVERNMENT OF INDIA



ആശ വി  
Asha V  
ജനന വർഷം / Year of Birth : 1982  
സ്ത്രീ / Female



**3694 9643 8042**

ആധാർ - സാധാരണക്കാരന്റെ അവകാശം



Government of India



AADHAAR

### വിവരങ്ങൾ

- ആധാർ തിരിച്ചറിയലിനുള്ള രേഖയാണ്, പൗരത്വത്തിനുള്ളതല്ല.
- തിരിച്ചറിയലിനുള്ള തെളിവ് ഓൺലൈൻ ബാധനീകരണങ്ങൾ വഴി നേടുക.

### INFORMATION

- Aadhaar is proof of identity, not of citizenship.
- To establish identity, authenticate online.

- ആധാറിന് രാജ്യത്തുടനീളം അംഗീകാരമുണ്ട്.
- ഭാവിയിൽ സർക്കാർ, സർക്കാരിതര സേവനങ്ങൾ പ്രയോജനപ്പെടുത്തുന്നതിന് ആധാർ സഹായകമാകും.
- Aadhaar is valid throughout the country.
- Aadhaar will be helpful in availing Government and Non-Government services in future.

6527028



ഭാരതീയ സവിശേഷ തിരിച്ചറിയൽ അതോറിറ്റി  
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

മേൽവിലാസം:  
D/O: വാൾസലൻ പി വി,  
അഖിലേഷ് ബഹവ്, ഉള്ളാന്നൂർ പി  
ഒ, കലാനദ, പാത്തനാമിട്ട, കേരള,  
689503

Address:  
D/O: Valsalan P V, Akhilesh  
Bhavan, Ullannoor P O,  
Kulanada, Pathanamthitta,  
Kerala, 689503

*Self attested  
by Asha V*

1947 1800 180 1947 help@uidai.gov.in www.uidai.gov.in P.O. Box No.1947, Bengaluru-560 001



# SREE BUDDHA COLLEGE OF ENGINEERING

PATTOOR P.O., ALAPPUZHA DIST., KERALA. PIN - 690 529

Approved by AICTE, New Delhi & Affiliated to APJ Abdul Kalam Technological University, Kerala  
Tel.0479-2375440,42,43. e-mail: principal@sbce.ac.in / sreebuddha@ktu.edu.in website: www.sbce.ac.in  
Managed by Sree Buddha Educational Society, Kollam - 691 021

No. SBCE/ 1637 /Ph.D/2020-21

09.12.2020

## ANNEXURE -1

### CERTIFICATE FORM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr/ Ms/ Mrs/ Asha. V is employed as Assistant Professor in the Department of Basic Science & Engineering of Sree Buddha College of Engineering, Pattoor.

We have no objection in forwarding her application for the part time Ph. D Research programme.

The Candidate will be permitted to undertake part time study in the university/ College and will be allowed to be present for discussion with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date:09.12.2020

Signature of the Head of organization with office seal

