

# S.N.M. COLLEGE, MALIANKARA

(Affiliated Mahatma Gandhi University, Kottayam)

Maliankara P.O., Moothakunnam Via, Ernakulam (DT), Kerala, India - 683516

[www.snmcollege.ac.in](http://www.snmcollege.ac.in) | [0484-282386](tel:0484-282386) | [principalsnmc@gmail.com](mailto:principalsnmc@gmail.com)

## Curriculum, Assessment procedures and summary report of each program year- wise along with their outcome

**2018-19**

### **Certificate course : Teachings of Sree Narayana Guru**

There are two certificate courses offered by Sree Narayana Study and Research center at the college is to introduce students and society to Sree Narayana Guru's vision, life, and deeds in order to promote social upliftment

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Teachings of Sree Narayana Guru	SNMC01	35	123

Teacher – in –charge: Ms. Ragi Sekharan & Ms. Viji M. P

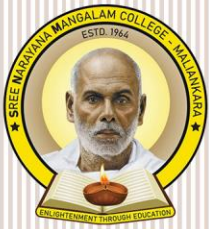
### **Summary Report**

Sree Narayana Study center of the college working to impart knowledge with Guru's vision and ideology, designed with the view to impart value education to the student community. The study center is started two certificate courses in the year 2018-19. The course is offered for second year students of the college. There are 123 students were enrolled in the certificate "Teachings of Sree Narayana Guru". The course teacher kept an attendance register and the evaluation is conducted based on attendance, tests, seminar and Quiz for this course. The syllabus is completely covered by the teacher within the time limit. There are invited faculties to teach course in online mode for the students.

This Certificate Course is a Course and its duration shall be one academic year, from June to March, consisting of two terms. 35 hours of teaching each term (inclusive of examination). There will be 1&1/2 hours of lectures on each paper every week with a total of 3 hours of lectures.

### **Curriculum**

Module 1(6hrs)	Module II(15 hrs)	Module III(8hrs)	Module IV(6hrs)
Sree Narayana Guru's Life	Knowledge	Gurudarshan at Present world	Relevance to society with Guru;s Teachings
Guru charitham-Sukumari Marath	Ashramam-thirukural	Charithram Adharamakkiya Guru-K P Ayyappan	Guru smrithi
Narayana Guru-Kumaranasan	Ashrama Dharmam	Adhunikathayude Mughamugham	Guru Vyaghanam
Sri Narayana Guru-MK Sanu	25 Padhyangal	Sree Narayana Guru as Poet	Guru Krithi sampooranam



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The class started on the Month of June 2018 to February 2019. The class conducted after the regular time table and is 3.30 to 4.30 evening. The faculties of Malayalam Department Dr. Jitha T H, Ms. Viji M P has covered the portion upto 3 modules in the odd semester and remaining one module is taken by Ms. Ragi Segharan of Malayalam Department in the even semester.

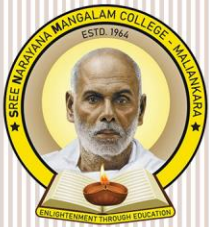


## Assessment Procedure

### Attendance

The upkeep of the Attendance and Assessment Records for students who have enrolled for this course is the responsibility of the faculty member conducting the course. The sheets





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have information about the students' attendance and the percentage of marks is based on their internal assessments- conduct of assignments and seminars. To track attendance and syllabus coverage, the data must be given once per month by the president of Sree Narayana study and research centre. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in all of the courses for the specific semester in order to submit an essay.

## Evaluation

About 50% of the course's stipulated marks will be required to pass add-on/certificate courses.

## Overall Assessment Results

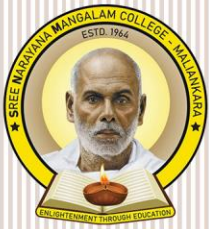
Score	Number of Students
<80%	77
60 – 79%	46

## Course Completion process

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Secretary and President of Sree narayana Study and research centre will be given to students who successfully finish the Certificate/ Add-on Courses

## Issuing certificate

The certificate for the course is issued for the all students who were successfully completed the course signed by Secretary and President of Sree Narayana Study and Research Centre. There were **123** students who successfully completed the course in the year 2018-19.



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## Outcomes

The participant in this course has the ability to see religion and spirituality with reason and acceptance, viewing all people as spiritual siblings regardless of their caste or creed.

b) The course gives the student a broad overview of the Guru and his accomplishments, allowing them to take part in debates about the Guru from an all-India viewpoint.

c) This course enables the participant to develop a rational but positive outlook on religion and spirituality and accept the fellow human being, irrespective of religion and caste, as spiritual brethren.

d) As the Course provides a general understanding about Guru, and his achievements, it enables the learner to participate in discussions about Guru from an all-India perspective.

e) The course inspires participants to take up activities leading to social and religious harmony among the people.

## Certificate Course : Darshanathinte Samakalika Prasakthi

The Sree Narayana Study and Research center is started the certificate course “Guru Darshanathinte Samakalika Prasakthi” in the year 2018-19.

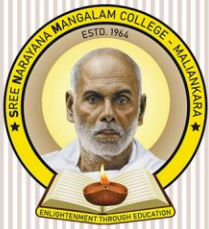
SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Guru Darshanathinte Samakalika Prasakthi	SNMC02	35	125

Teacher – in –charge: Ms. Ragi Sekharan & Ms. Viji M. P

## Summary Report

There are 125 students enrolled in Guru Darshanathinte Samakalika Prasakthi during the year offered by Sree Narayana Study and Research Centre. The course is offered for first year students of the college. The course started in the month of September and ended in the March 2019. The syllabus is covered by the teachers and the evaluation is done as per the guidelines





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of certificate course offering at the institution. Exams, Assignments, Seminar and Attendance scores were consolidated and 125 students enrolled in the course is successfully completed.

## Curriculum

### Objectives

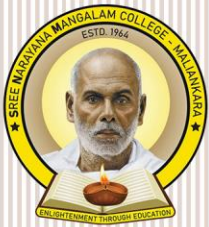
- Understanding of Life of Sree Naryana Guru
- Sree Narayana Guru's krithikal and Darshanam
- Sree Narayana Guru as a Social Reformer
- Sree Narayana Guruvinte samakalika Parsakthi

Module I (6hrs)	Module (II 8hrs)	ModuleIII (15hrs)	Module IV (6 hrs)
Sree Narayana Darsanam	Reflections on Guru's poems	Guru's: Atmopadesa – Satakam	Advaita Dipika
Life Context: Birth, Childhood and Education Socio-cultural background	5 Poems and its philosophical aspects	Guru and His Contemporaries	Daiva Dasakam

The class has started on June 2018 to February 2019 by the faculties of Malayalam Department. Ms. Sreeja V S, Ms. Viji M P is covered the modules within the time limit. As part of it, the students of the certificate course celebrated Sree Narayana Guru jayanthi and seminar is conducted on the same day as part of this course



To track attendance and syllabus coverage, the data must be given once per month by the president of Sree Narayana study and research centre. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in all of the courses for the specific semester in order to submit an essay.



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## Evaluation

About 50% of the course's stipulated marks will be required to pass add-on/certificate courses.

## Overall Result

Score	Number of Students
<80%	101
60 – 79%	24

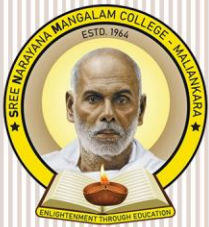
Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Secretary and President of Sree Narayana Study and research centre will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 125 students who were successfully completed the course in the year 2019.

## Outcomes

- Understand how philosophical notions and spiritual ideals paved the way for social reformations through the life of Sree Narayana Guru
- The course encourages participants to engage in activities that promote interfaith and societal harmony;
- It encourages students to delve further into the writings of the Guru and adapt his philosophy to the needs of the present world.

Head of the Institution





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## Curriculum, Assessment procedures and summary report of each program year- wise along with their outcome

**2019-20**

### Certificate course on Sree Narayana Guru- Life and Vision

The Sree Narayana Study and Research Centre at the institute has started a new course by revising the existing course with new one titled “Sree Narayana Guru- Life and Vision”. The main objective of the course is to understand guru’s the life and vision. It provides the students to study Sree Narayana Guru’s unique philosophy of integration, and his formulae for spiritual and social advancement of the people.



Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course on Sree Narayana Guru- Life and Vision	SNMCC01	50	474

Teachers-in –charge: Dr. Jitha T H, Ms. Viji M P, Ms. Ragi Segharan & Ms. Sreeja V S, Dr. PG Renjith

### Summary Report

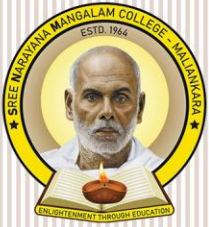
The course is open for all the students of college and the study centre increase the student intake to 500 seats. In the year many students come forward to join the course especially from backward community. The study centre has increased the total hours to 50 and the course is conducted with time table. Starting from the month of June, course is ended up in November, covered all the philosophical aspects included in the syllabus as a fruitful way. The classes are arranged in 8 batches and the time schedule is noticed prior to the students.

### Curriculum

#### Objectives

- To know about Sree Narayana Guru’s Life
- Understanding of his principles and teaching
- To know about Impact of society as a social reformer
- Formulate for spiritual and social upliftment of backward community





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Module I(15hrs)	Module II(15 hrs)	Module III(10hrs)	Module IV(10hrs)
Sree Narayana Guru jeeva charithram	Principles of Sree Narayana Guru-Deiva Deshaka	Guruvinte shikshyakal	Relevance to society with Guru;s Teachings
Sadhacharam	Teachings of Guru	Guru Prasthanagal	Sahithyavum samoohavum
Jeevakarunnya Pravarthanam	Anukamba Dasakam	Sree Narayana Guru as Poet	Life enlighten backward comunity
Gadhyaprarthana	Jathi nirnnayam	Pindanadhi - poem	Guru Krithi sampooranam

The classes are also conducted by inviting Guest Dr. B Sugeetha, Director of International study center of Sree Narayana Guru on the Topic “Deiva Deshaka”, which ia added to the course module II



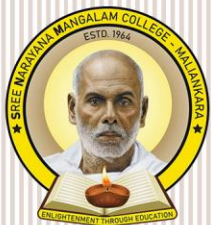
**Dr.B.SUGEETHA**  
DIRECTOR  
INTERNATIONAL STUDY CENTRE  
OF SREENARAYANA GURU

TOPIC :  
" Sree Narayana Guru's concept of God  
through Deiva Deshaka"

President:Dr.T.H JITHA  
Secretary: RAGI SEKHARAN K







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The talk was helpful to know about Sree Narayana Guru's life, darshan, and writings. The seminar was helped the students to know about how to lead a worthy full life through the writings of Sree Narayana Guru.

To track attendance and syllabus coverage, the data must be given once per month by the president of Sree Narayana study and research centre. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in all of the courses for the specific semester in order to submit an essay.

## Evaluation

About 60% of the course's stipulated marks will be required to pass this certificate course. In this course, students are actively participating quiz competitions, test, social extension activities and all these are considered for the assessment marks and is published at the end of December 2019.

## Overall Result

Score	Number of Students
<80%	420
60 – 79%	4

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Secretary and President of Sree narayana Study and research centre will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 474 students who were successfully completed the course in the year 2019-20.



**S.N.M. COLLEGE, MALIANKARA, ERNAKULAM, KERALA, INDIA**  
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**CERTIFICATE COURSE ON SREE NARAYANA GURU : LIFE AND VISION**

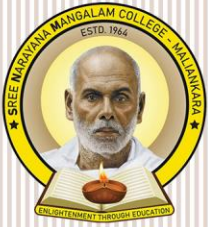
*Course Completion Certificate*

This is to certify that **ASHITHA V s,III year BSc Botany** has successfully completed the certificate course on **Sree Narayana Guru: Life and Vision** organised by Sree Narayana Study Centre at SNM College Maliankara, Ernakulam, Kerala, India during the academic year 2020-21.

  
Secretary

  
President &Principal-in- charge





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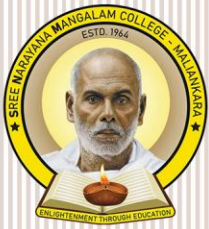
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## Outcome

- Understanding Sree Narayana Guru's works and biography to the students
- Motivate the students to lead a worthy life
- Utilize spiritual values and practical experience for social upliftment
- It encourages the students further into the writings of the Guru and adapts his philosophy to the needs of the present world.



Head of the Institution



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## Curriculum, Assessment procedures and summary report of each program year- wise along with their outcome

**2020-21**

### **Certificate course in Yoga**

The Yoga Club of the College is offering a certificate course in Yoga in the year 2020. The main objective is that the student was able to understand the importance of yoga in real life. The club is organized this course in association with Vivekananda Kendra Vedhik Vision Foundation, Kodugallur, Trissur.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course in Yoga	SNMCC02	30	44

Teacher-in-charge: Sri. Sunilkumar C P, Sri Vipin K D and faculties of Vivekananda Kendra Vedhik Vision Foundation

### **Curriculum**

#### **Objectives of the Course:**

- Development of theoretical knowledge about Yoga principles and practices.
- Development of practical skills in performing Yoga techniques.
- Exploration of the benefits of Yoga for overall health and wellness.

#### **Module 1**

Introduction to Yoga

- What is Yoga? (Theory: 1 hour)
- History and Philosophy of Yoga (Theory: 2 hours)
- Paths of Yoga: Hatha, Bhakti, Karma, Jnana, and Raja Yoga (Theory: 2 hours)
- Understanding the Yogic Lifestyle (Theory: 1 hour)

#### **Module 2**

Yoga Asanas (Postures) and Pranayama (Breathing Techniques)

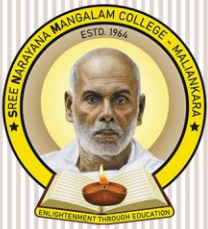
- Popular Yoga Asanas and their benefits (Theory: 2 hours)
- Importance of Pranayama and different techniques (Theory: 2 hours)
- Yoga Asana and Pranayama Practice (Practical: 8 hours)

#### **Module 3**

Meditation and Relaxation Techniques

- Introduction to Meditation (Theory: 1 hour)





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- Different Meditation Techniques (Theory: 2 hours)
- Yoga Nidra and Relaxation Methods (Theory: 1 hour)
- Guided Meditation and Relaxation Practice (Practical: 4 hours)

## Module 4

Yogic Anatomy and Physiology

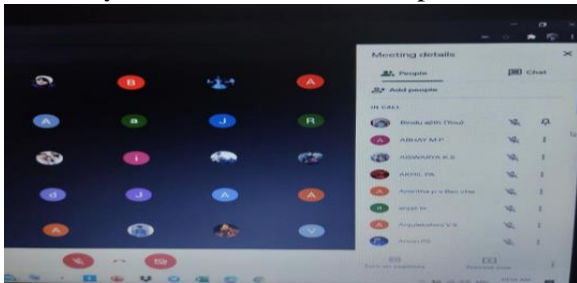
- Understanding the Energy System (Chakras and Nadis) (Theory: 2 hours)
- The Science of Breathing (Theory: 1 hour)
- Benefits of Yoga on the Nervous System (Theory: 1 hour)

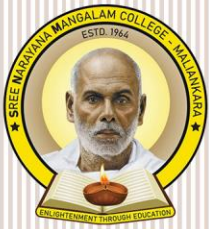
## Module 5

Yoga for Health and Wellness

- Yoga for Stress Management (Theory: 1 hour)
- Yoga for Back Pain and Postural Alignment (Theory: 1 hour)
- Yoga for Digestive Health (Theory: 1 hour)
- Yoga for Emotional Balance (Theory: 1 hour)
- Designing Personalized Yoga Practice (Practical: 4 hours)

The class has started in the month of June and ended in August 2020. Due to Covid Pandemic the 60% of classes are arranged in the online mode. SNM yoga club conducted health awareness class on 'Yoga in Everyday Life and Class is presented by Dr Amrita BNYS Sreenarayana Medical Mission Hospital, Varkala.





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## Assessment Procedure

In this course, exams are conducted in practical mode. The students who can do the corrective yoga postures and meditation exercise without trainer is qualifying the course and marks given to the students based on attendance of the class. Here above 90% attendance is mandatory for getting Course Completion

## Evaluation

About 90% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are actively celebrating International Yoga day and all these are considered for the assessment marks and is published at the end of September 2020

## Overall Result

Score	Number of Students
<80%	44
60 – 79%	0

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Secretary of Yoga Club and will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 44 students who were successfully completed the course in the year 2020-21.



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**CERTIFICATE COURSE ON YOGA**

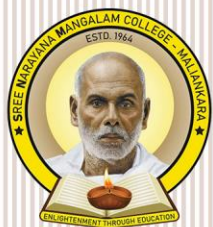
## *Course Completion Certificate*

This is to certify that **ANAGHAMOL . T . N, III BSc Pysics** has successfully completed the **Certificate course on Yoga** organised by Yoga Club at SNM College Maliankara, Ernakulam, Kerala, India during the academic year 2020-21

  
Convener  
Yoga Club

  
Principal-in- charge





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## Outcomes

- Provide a basic understanding of the principles and philosophy of Yoga.
- Gain practical knowledge and experience in various Yoga practices.
- Promote physical, mental, and emotional well-being through Yoga.

## Certificate Course on Communication Skills in English

### Summary Report

The English Certificate Course titled “Communication skills in English” is planned as 30 hours training programme offered by the Department of English. The students will be given training in the four language skills to make them functional in the English language but the major focus of the course will be on the enrichment of English speaking skills. The faculty from the department will give the classes. Content and interactive videos to enhance linguistic competency of the learners will be provided by the faculty of the department. The students’ progress will be monitored and recorded from time to time. Once language training starts there is the need of full-fledged language lab to make the training effective.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Communication Skills in English	SNMCC03	30	145

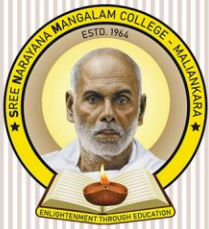
Teacher-in-charge: Ms. Vismaya K B, Ms. Binsha B, Ms. Anupa Asok

### Curriculum

Module I (6hrs)	Module (II 8hrs)	ModuleIII (15hrs)	Module IV (6 hrs)
Introductory Session	Listening Skills	Speaking Skills	Group Discussion
Ice Breaking	Various Listening Activities	Art of Small Talk	Debate
Language Games	Role play	Public Speaking	Interview

The class has started in the Month of January 2021 and covered the syllabus in online and offline mode, ended up in March. Attendance sheet is maintained at the department of English. Three batches of students are completed at the same time and the concerned faculties were completed the syllabus. Evaluation is done with the guidelines and the course results are published and 145 recommended for course completion certificate.





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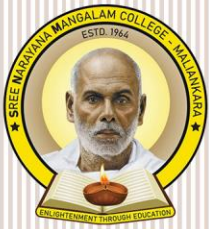
### Assessment Methods: Assignments, Tests, Speech Assessment

In this course, 75% above attendance is mandatory for the course. 20 % is given for the assignment. 5% is to Speech Assessment. The Mock Interview, Debate completion is conducted as part of this course.

SREE NARAYANA MANGALAM COLLEGE, MALIANKARA  
ATTENDANCE SHEET 2020-21  
DEPARTMENT: ENGLISH  
NAME OF CERTIFICATE COURSE: COMMUNICATION SKILLS IN ENGLISH

Sl. No	Name of the student	4/1/21	9/1/21	16/1/21	5/2/21	27/2/21	2/3/21	9/3/21	27/3/21	5/4/21	8/4/21	22/4/21	30/4/21	4/5/21	9/5/21	26/5/21
1	ADARSH AJAY	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
2	ADITHYAN K.S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
3	ADITHYAN M.V	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
4	AHAB K. J	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
5	AHAMMED BEERAN IMTHIYAS	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
6	DILNA S KUMAR	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P
7	DONA BEATRICE	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P
8	ELSA JOSEPH	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
9	FARISANA P.A	P	P	P	P	P	P	P	A	P	P	A	P	P	P	P
10	GOPIKA	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
11	SREEJITH S KUMAR	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P

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## Overall Result

Score	Number of Students
<80%	99
<70%	46

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of the Institution, IQAC co-coordinator and certificate course co-coordinator will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 145 students who were successfully completed the course in the year 2020-21.

## Outcomes

- Enhance the four fold language skills (listening, speaking, reading and writing) of learners
- Make the bright students confident enough to communicate in English in various situations
- Make the learners career ready

## Certificate Course in Value Education

### Summary Report

The Certificate course on Value Education is offering at the department of Commerce in the year 2020. Value-based education places an emphasis on helping students develop their personalities so they can shape their future and deal with challenges with ease. It shapes students to effectively carry out their social, moral, and democratic responsibilities while becoming sensitive to changing circumstances.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Value Education	SNMCC04	30	120

Teacher-in-charge: Dr. U R Krishnakumar, Ms. Theertha Joy and Ms. Reena T S

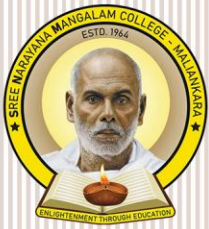
There are 120 students were registered in the course, and the department is tried to accommodate as many as students with seat of 120. All the seats were filled in the current year. The class is divided into two batches. In the month of January, after the commencement of first year class, the certificate course class started. Two sessions were arranged by the faculties. One in the morning time 8.30 to 9.30 am and another was in the afternoon 3.30 to 4.30 pm.

## Curriculum

### Module 1

Overview and Perspectives of Value Education- Value Education – Definition –

Objectives - Concept of Human Values - Family Values – Aesthetic Values – Ethical Values–



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Spiritual Values- Self-Discipline – Self-Confidence - Self-Initiative – Self-awareness – Empathy– Compassion-Honesty and Courage - Leadership qualities -Personality Development. (10 Hours)

## Module 2

Socio-Psychological aspects of Value Education – Psychological parameters of value education (Individual Approach and Group Approach) - Social interaction and human values - Value Development through Social Institutions: Family & Neighborhood – College and Peer - Role of Parents - Influence of Media on Value Development . (10Hours)

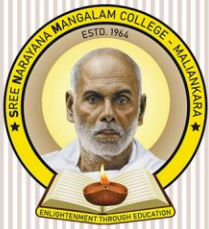
## Module 3

Value Development and Life skill Education – Value Models – Value Identification – Value Integration – Value Transaction - Character and personality - ICT and value development – ICT use and abuse – Generating awareness: Minimizing the abuse of ICT – Life skills and their importance.



To track attendance and syllabus coverage, the data must be given once per month by the Head of department of Commerce. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in these courses and is mandatory.





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Sree Narayana Mangalam College, Maliankara

## ATTENDANCE SHEET

DEPARTMENT: Commerce Regular

NAME OF CERTIFICATE COURSE: Value Education

Year:- 2020-21

Sl. No	Name of the student	2-1-21	5-1-21	9-1-21	12-1-21	15-1-21	18-1-21	21-1-21	23-1-21	24-1-21	25-1-21	27-1-21	28-1-21	30-1-21
1	AKSHAYA V S	P	P	P	P	P	P	P	P	P	P	P	P	P
2	ANJALI T D	P	P	P	P	P	P	P	P	P	P	P	P	P
3	ANJANA P M	P	P	P	P	P	P	P	P	P	P	P	P	P
4	ANUPAMA O A	P	P	P	P	P	P	P	P	P	P	P	P	P
5	ARYA RAMESH	A	P	P	P	P	P	P	P	P	P	P	P	P
6	ARYANANDA P S	P	P	P	P	P	P	P	P	P	P	P	P	A

119	AFFEEFA FATHIMA	P	P	P	P	A	P	P	P	P	P	P	P	P
120	AKHILA M S	A	P	P	P	P	P	P	P	P	A	P	P	P

NB:- Classes are conducted online for certificate course during covid 19, the data is marked as per the instructions and guidelines of the course.

Dr. Krishnakumar U R

Name and signature of teacher in charge

Dr. Reena T S

Name and signature of Head Of the Department

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## Evaluation

During Covid pandemic, precautions are being taken up and online sheet is maintained and 75% of class after Covid lockdown. About 60% of the course's stipulated marks will be required to pass this certificate course. In this course, students are evaluated by tests, assignments and all these are considered for the assessment marks and are published at the end of April 2021.

## Overall Result

Score	Number of Students
<80%	120
60 – 79%	0

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by Principal, Certificate, IQAC co-coordinators and will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 120 students who were successfully completed the course in the year 2020-21.




S.N.M. COLLEGE, MALIANKARA, ERNAKULAM, KERALA, INDIA


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CERTIFICATE PROGRAM IN VALUE EDUCATION

## Course Completion Certificate

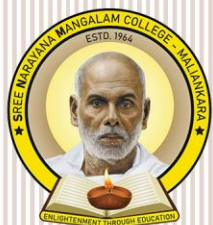
This is to certify that AKHSHAYA V S III year BA Malayalam has successfully completed the certificate course on Value Education organised by SNM College Maliankara, Ernakulam, Kerala, India during the academic year 2020-21.

  
Dr. Lakshmi S. Bose  
Teacher in Charge

  
Dr. Baiju E.C.  
IQAC Coordinator



  
Dr. Jitha T.H.  
Principal In charge



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## Course Outcome

1. Generate awareness and interest for inculcating positive values among students and the community
2. Develop awareness and societal responsibility among students

## Certificate course in First Aid and Emergency Care

### Summary Report

The department of Zoology is offered a certificate course in the year titled “First Aid and Emergency Care”. The course has seat limited to 75, and 66 students were enrolled in the program in the current year. The course is started in the month of October and is completed within one month. The teachers are arranged class without disturbing normal working hours and make notice of timetable prior to the commencement of class. All registered students are successfully completed the course without fail.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	First Aid and Emergency Care	SNMCC05	30	66

Teacher-in charge: Ms. Archana K S and Dr. Rekha Parthadsarathy

### Curriculum

#### UNIT I

First aid basics: first aid, importance of first aid, first aider, laws of first aid, contents of an ideal first aid kit, dealing with an emergency. (4hrs)

#### UNIT II

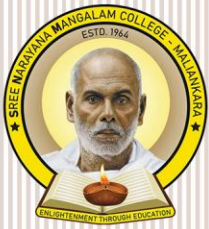
Emergency response: CPR, steps for performing CPR, CPR for newborns and infants, recovery position, first aid in drowning, fractures of bones, causes and types of fractures, dislocation. (8hrs)

#### UNIT III

First aid in burns: Types of burns, danger of burns, first aid in dry burns and scalds, electrical burns, chemical burns, sunburn, heatstroke. (3hrs)

#### UNIT IV

First aid in wounds and injuries: types of wounds- small cuts and abrasions, Head injury- nose bleed, bleeding gums, bleeding from varicose veins, Shocks- causes of shock and its first aid. (3hrs)



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## UNIT V

First aid in poisoning: poisoning by swallowing, gases, injections, skin absorption, Animal bites, snake bites and insect stings. (3hrs)

## UNIT VI

First aid in foreign objects entering the sense organs: foreign body in the eye, ear, nose, skin, swallowing of foreign objects. (3hrs)

## PRACTICALS (6hrs)

CPR, Management of fracture and Dressing and bandages



## Assessment Procedure

In this course, exams are conducted in practical and theory mode. The students who can do CPR, Management of fracture and Dressing and bandages is qualifying the course and marks given to the students based on attendance of the class. Here above 60% attendance is mandatory for getting Course Completion

Sree Narayana Mangalam College, Maliankara

ATTENDANCE SHEET

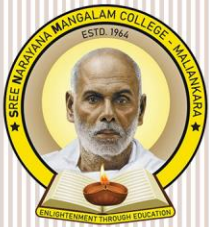
Department : Zoology

Name of the Certificate Course : First Aid & Emergency Care

Year	Name of the student	6/10/20	7/10/20	8/10/20	9/10/20	12/10/20	13/10/20	14/10/20	15/10/20	16/10/20	19/10/20	20/10/20	21/10/20
2020-21	Anjali K S	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Anjana Sivasdas	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Anjureshna B	P	P	P	P	P	A	A	P	P	P	P	P
2020-21	Reshma V Radhakrishnan	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Anakhu K. M	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Veenu Saji	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Vrinda P R	P	P	P	P	P	P	A	A	P	P	A	A
2020-21	Anshma M S	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Anjali Aji K. A	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Anjaliha K N	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Arsha E S	P	P	A	A	P	P	P	P	P	P	P	P
2020-21	Ashaque Sabu M	P	P	P	P	P	A	A	P	P	P	A	P
2020-21	Aswath Krishna K R	P	P	P	P	P	P	P	P	P	P	P	P
2020-21	Aihara P A	P	P	P	P	P	P	P	P	P	P	P	P

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## Evaluation

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are actively participating medical camps and all these are considered for the assessment marks and are published at the end of November 2020

## Overall Result

Score	Number of Students
<80%	41
60 – 79%	19

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of Institution and will be given to students who successfully finish the Certificate Course. There are 66 students who are recommended for course completion certificate in the current year.



**S.N.M. COLLEGE, MALIANKARA, ERNAKULAM, KERALA, INDIA**

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**CERTIFICATE COURSE ON  
FIRST AID & EMERGENCY CARE**

### *Course Completion Certificate*

This is to certify that **ANJANA SIVADAS, DEPARTMENT OF ZOOLOGY** has successfully completed the certificate course on **FIRST AID & EMERGENCY CARE** organised by Department of **ZOOLOGY** at SNM College Maliankara, Ernakulam, Kerala, India during the academic year 2020-21.

  
Dr. Lakshmi S. Bose  
Teacher in Charge

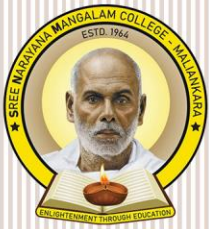
  
Dr. Baiju E.C.  
IQAC Coordinator



  
Dr. Jitha T.H.  
Principal In charge

## Course Outcomes

- At the completion of this course, the student should be able to Administering basic life support skills including cardiopulmonary resuscitation
- Providing first aid of simple and multiple system trauma such as Controlling hemorrhage, Managing Burns and wounds
- Manually stabilizing injured extremities
- Identifying signs of Stroke and heart attack and safe transfer after first aid without delay in transfer
- Manage general medical complaints seizures and animal bites (snake /dog bite)



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## Certificate course on Sree Narayana Guru- Life and Vision

### Summary Report

The Sree Narayana Study and Research Centre at the institute has started a new course by revising the existing course with new one titled “Sree Narayana Guru- Life and Vision”. The main objective of the course is to understand guru’s the life and vision. It provides the students to study Sree Narayana Guru’s unique philosophy of integration, and his formulae for spiritual and social advancement of the people.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course on Sree Narayana Guru- Life and Vision	SNMCC01	50	47

Teachers-in –charge: Dr. Jitha T H, Ms. Viji M P, Ms. Ragi Segharan & Ms. Sreeja V S, Dr. PG Renjith

### Summary Report

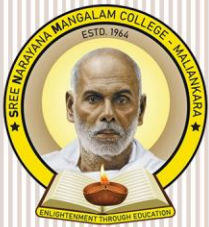
The course is open for all the students of college and the faculties of Malayalam department are taking the class of this certificate course. There are 47 students from various department come forward to join the course. The study centre offering this course with total hours of 50 and the course is conducted with time table. Starting from the month of June, course is ended up in November, covered all the philosophical aspects included in the syllabus as a fruitful way. The classes for this batch are conducted successfully and the time schedule is noticed prior to the students.

### Curriculum

#### Objectives

- To know about Sree Narayana Guru’s Life
- Understanding of his principles and teaching
- To know about Impact of society as a social reformer
- Formulate for spiritual and social upliftment of backward community

Module I(15hrs)	Module II(15 hrs)	Module III(10hrs)	Module IV(10hrs)
Sree Narayana Guru jeeva charithram	Principles of Sree Narayana Guru- Deiva Deshaka	Guruvinte shikshyakal	Relevance to society with Guru;s Teachings
Sadhacharam	Teachings of Guru	Guru Prasthanagal	Sahithyavum samoohavum
Jeevakarunnya Pravarthanam	Anukamba Dasakam	Sree Narayana Guru as Poet	Life enlighten backward comunity
Gadhyapararthana	Jathi nirnnayam	Pindanadhi - poem	Guru Krithi sampooranam



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To track attendance and syllabus coverage, the data must be given once per month by the president of Sree Narayana study and research centre. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in all of the courses for the specific semester in order to submit an essay.

## Evaluation

About 60% of the course's stipulated marks will be required to pass this certificate course. In this course, students are actively participating quiz competitions; test, social extension activities and all these are considered for the assessment marks and is published at the end of December 2019.

## Overall Result

Score	Number of Students
<80%	43
60 – 79%	4

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Secretary and President of Sree narayana Study and research centre will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 47 students who were successfully completed the course in the year 2020-21.

## Outcomes

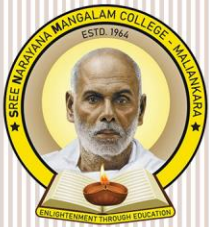
- Know about Sree Narayana Guru's Life
- Understanding of his principles and teaching
- Know about Impact of society as a social reformer
- Formulate for spiritual and social upliftment of backward community

## Certificate course on MS word and Power Point

### Summary Report

The department of commerce offered the certificate course on MS word and power point. Computer Proficiency is an inevitable part of today's education and job market. The course is aiming to equip all the students to have basic skills as well as hands on experience on word processing, for creating excel spreadsheets, for building databases and preparing presentations, through the use of Microsoft Office Word and PowerPoint programmes. There are 100 seats allotted for this course and 82 students from various departments is enrolled in the course. Evaluation is done as part of this course and students who got minimum 60% of marks were recommended for a course completion certificate. All the students enrolled in the course are successfully completed this course.





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SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	MS Word and Powerpoint	SNMC03	36	82

## Curriculum

### 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 Indent

### 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

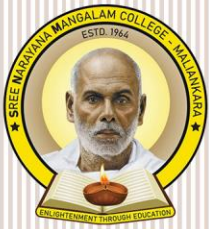
### Module 5

Setting Up PowerPoint Environment: New, Open, Close, Save, Save As Typing the text, Alignment of text Formatting Text: Font Size, Font Style Font Color, Use the Bold, Italic, and Underline Cut, Copy, Paste, Select All, Clear text Find & Replace Working with Tabs and Indents

### Module 6

Creating slides and applying themes Inserting new slide Changing layout of slides Duplicating slides Copying and pasting slide Applying themes to the slide layout Changing theme color Slide background Formatting slide background Using slide views.

The class started on June 2020 and ended in March 2021. Two classes per month is arranged without disturbing regular class. Time for lab work is done in a fruitful way to understand more about word and powerpoint



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## Assessment Procedure

In this course, exams are conducted in practical and theory mode. The students who can prepare document in the word and a presentation using PowerPoint is qualifying the course and marks given to the students based on attendance of the class. Here above 60% attendance is mandatory for getting Course Completion

## Evaluation

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are actively participating medical camps and all these are considered for the assessment marks and are published at the end of May 2021

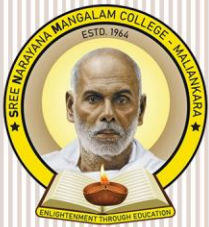
## Overall Result

Score	Number of Students
<80%	57
60 – 79%	30

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of Institution and will be given to students who successfully finish the Certificate Course. There are 66 students who are recommended for course completion certificate in the current year

## Outcomes

- Give basic information about the computer system.
- Familiarize students with the use of MS Windows, Internet and E-mail.
- Familiarize students with the use of MS Office-MS Word & MS PowerPoint



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## MOOC Course on Organic Farming

### Summary report

The MOOC Cell of the College is coordinating all the activities of MG University's MOOC Course on Organic Farming for all First year UG students from January 2021. The MOOC Coordinator Ms. Saipriya Sudarsan and all the First year UG Tutors were actively involved in all the activities of MGU MOOC. In the month of June, the Coordinator, the Mentors and all the students were enrolled in the Organic Farming MOOC page of MG University. Mentors started to guide the students to prepare the project report on 'Jaiva poshaka thottam'.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	MOOC Course on Organic Farming		56	691

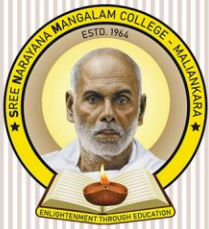
The MOOC Cell also took initiative to give awareness to both teachers and students about doing some small eye-hand exercises during their online teaching and learning.

The MOOC Cell also forwarded the brochures of various MOOC, Refresher courses, and Induction course brochures for the students and teachers.



As a part of MG University project, we are transforming students into eco-conscious farmers. With tailored instructions from dedicated tutors in each department, students are gaining practical knowledge about organic farming and homegrown organic fertilizer production. In connection with bhoomithasana we are giving seminars and talks, featuring experts in sustainability, are broadening students' horizons and motivating them to adopt eco-friendly practices. As a result, students are becoming advocates for responsible agriculture, leading to healthier diets, heightened environmental awareness, and reduced reliance on commercial





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produce. This initiative not only enriches academic learning but also cultivates a culture of sustainability, ensuring a greener and more self-reliant future.

## Curriculum

### Module 1

History of organic agriculture 1.1 History of Agriculture 1.2 History of Organic Agriculture  
1.3 Indian Green Revolution

### Module 2

Basic principles of Organic farming 2.1 What is organic farming 2.2 Organic farming Vision  
2.3 Ecology and organic farming 2.4 Modern agriculture and organic farming

### Module 3

Organic Agricultural Systems 3.1 Biodynamic farming 3.2 LEISA 3.3 Perma culture 3.4  
Regenerative agriculture 3.5 Sustainable development 3.6 Nature farming 3.7 Organic  
farming 3.8 Natural Farming or Do nothing Farming 3.9 Zero budget farming 3.10 SOFT  
agriculture and other systems.

### Module 4

Importance of soil 4.1 What is soil? 4.2 Soil as a living body 4.3 Soil classification 4.4 Soil  
and Organic farming 4.5 Soil conservation

### Module 5

Plant stand establishment and nutrient management 5.1 Seeds and planting materials 5.2  
Organic nutrient sources 5.3 Manures of animal origin 5.4 Manures of plant origin 5.5 Rock  
phosphate 5.6 Composts 5.7 Fermented bioslurries 5.8 Bio fertilizers

### Module 6

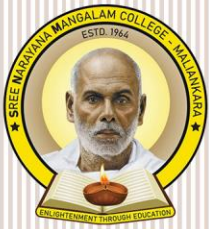
Pest and disease management in Organic farming 6.1 Approaches to pest and disease  
management in organic farming 6.2. Use of Bait traps / Pheromone Traps 6.3 Natural  
insecticides and botanicals 6.4 Microbial insecticides 6.5 Biocontrol agents –Insect parasites  
and predators 6.6 Biofungicides 6.7 Appropriate Cultural practices

### Module 7

Organic farming Project

### Module 8

Organic farming in Kerala 8.1 Agricultural situation in Kerala 8.2 Organic agriculture in  
Kerala 8.3 Organic farming organizations 8.4 Organic farming systems



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## Module 9

Watershed and Water conservation 9.1. Organic farming outlook on soil moisture and water use. 9.2 Watershed - definition 9.3 Contour based cultivation practices 9.4 Land development works 9.5 Water reservoirs 9.6 Agricultural practices

## Module 10

Integrated farming 10.1 Integrated farming 10.2 Homestead farming 10.3 Terrace farming 10.4 Integrated farming in paddy fields 10.5 Integrated farming in Pokkali lands 10.6 Integrated farming in Kuttanad 10.7 Multi level Integrated farming model 10.8 Other Integrated farming system models

## Module 11

Organic Certification 11.1 What is Organic Certification ? 11.2. Organic certification in different countries 11.3. Accredited Indian Agencies 11.4. National Programme for Organic Production 11.5. PGS certification

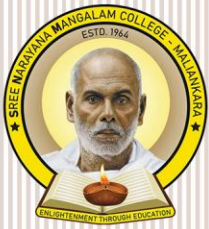
## Module 12

Marketing organic produce 12.1 Growing organic market 12.2 International organic market and India's contribution 12.3 Domestic organic market of India 12.4 Challenges of organic market 12.5 Opportunities of organic marketing

MOOC – Organic Farming is conducted during pandemic. The course completion is recorded as video and is given below

1. Commerce Regular- <https://youtu.be/KTXLBBuBWjU>
2. Zoology- [https://youtu.be/ItW\\_wGzyZM](https://youtu.be/ItW_wGzyZM)
3. Botany- <https://youtu.be/kFjujAJAqhY>
4. Malayalam- <https://youtu.be/Gg0QgoXKFm4>
5. B.Com Tax SF- <https://youtu.be/mFZYy3eoDMI>
6. Statistics- <https://youtu.be/yt0uyKufP8w>
7. English- <https://youtu.be/w4NHBkHF3Ao>
8. B.Com CA1- <https://youtu.be/RLnyvPpvqOM>
9. Mathematics- <https://youtu.be/lEmjUg-eb9k>
10. B. com CA2- [https://youtu.be/VyAOa-\\_5u4A](https://youtu.be/VyAOa-_5u4A)
11. Chemistry- <https://youtube.com/shorts/kXvgOxZOHBu?feature=share>
12. Physics- <https://youtu.be/OEe4JdBDozU>
13. B. com OM SP- <https://youtu.be/QiryHeJwL1II>
14. Economics- <https://youtu.be/eivJHvMOSyE>
15. BBA- <https://youtu.be/hAbPwGPxxvo>

There are 658 students who were completed the MOOC Course on Organic Framing in the year 2020-21.



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**Mahatma Gandhi University**  
(Established by Kerala State Legislature By Notification Number 3431/Eng.C1.85/Law dated 17th April 1983)

  
**Massive Open Online Course**  
**Certificate of Completion**

This certificate is awarded to  
**PAVITHRA T C**  
**PRN-200021023591**

For successfully completing the Massive Open Online Course on **Organic Farming** 2020 Admission with **4 Credits** in the examination held in 2022

**Grade Card**

Project 1	Project 2	Final Exam	Total	Grade	Pass/Fail
96	48	60	204	B plus	Pass

Certificate No-**200FD1262**  
Date of Issue- 20-01-2023

  
**Vice Chancellor**

\*55-138- D, \*45-45- A plus, \*75-85- A only, \*45-475- B plus, \*55-65- B only, \*45-55- C, \*55-65- F, \*35-8  
\*For Validity Certificate see [www.snmcollege.ac.in](http://www.snmcollege.ac.in) or [principalsnmc@gmail.com](mailto:principalsnmc@gmail.com)

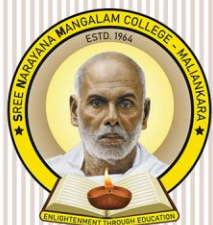
## Outcomes

1. Provide knowledge about basic concepts and principles related to agriculture and crop production.
2. Develop concepts of agronomic classification and classification of crop plants.
3. Provide the knowledge of crop and crop production method.
4. Help students to understand various crop production practices in the national and international level.



Head of the Institution





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## Curriculum, Assessment procedures and summary report of each program year- wise along with their outcome

2021-22

### Certificate course in Photography

#### Summary Report

The Certificate course on Photography is offered by Department of Physics. The course is helpful to understand technical and creative aspects of digital imaging and processing. Students get the foundational business skills in photography after the course. There are 100 seats for two batches are limited by the department. Students from various departments have enrolled the course. There are 87 students joined the course and got the course completion certificate.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Photography	SNMCC06	30	87

Teacher-In-charge: Sri. Sunil Kumar C P, Ms. Priya S Nair, Dr. Urmila K S, Mr. Namith Navakrishnan

#### **Curriculum**

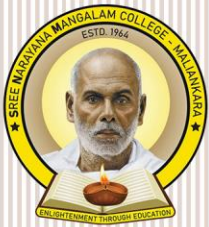
**Module 1:** History and Evolution of Photography Early history of photography (Theory: 1 hour) Basic principles of digital photography (Theory: 1 hour) Film Cameras and Processing (Practical: 3 hours) Digital cameras (Practical: 2 hours)

**Module 2:** Basics of Digital Photography Types of digital cameras (Theory: 2 hours) Photographic optics (Practical: 3 hour) Photographic light sources (Practical: 2 hours)

**Module 3:** Camera Focusing Focusing of cameras (Theory: 2 hours) Focusing: Spot, Matrix (Theory: 2 hours, Practical: 5 hours) Use of colour filters, light sources and lenses (Practical: 3 hours)

**Module 4:** Nature and Wildlife Photography (Theory: 4 hours) Nature photography Wildlife photography

The classes are arranged with the help of external faculty and assessment was conducted by internally. Starting from the month of October, two batches with theory and practical session were conducted and completed at the end of February. As part of this certificate course an awareness class on “Basics of Photography”. Mr. Shiva Prasad, Freelance Photographer, Maliankara was the resource person. He discussed about digital photography, cameras and processing, photographic optics, camera focusing, use of colour filters and light sources,



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nature and wildlife photography and so on. There was also a hand on training session for the students where he demonstrated various types of cameras.



## Evaluation

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by theory test and practical sessions and all these are consolidated in the assessment marks and are published at the end of March 2021

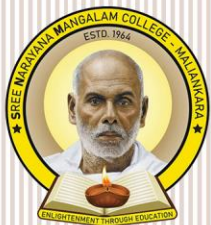
Assessment class on "Basics of Photography"		2021-2022		U.G. Students		S	
Sl. No.	Register No.	Name	Department	I	II	III	IV
1	19020119142	Ashwin K.K.	Physics	80	80	80	80
2	19020119170	Ananya V.K.	Physics	80	80	80	80
3	19020119175	Anu V.K.	Physics	80	80	80	80
4	19020119176	Arjun V.O.	Physics	80	80	80	80
5	19020119179	Arjun V.K.	Physics	80	80	80	80
6	19020119180	Arjun V.K.	Physics	80	80	80	80
7	19020119181	Arjun V.K.	Physics	80	80	80	80
8	19020119182	Arjun V.K.	Physics	80	80	80	80
9	19020119183	Arjun V.K.	Physics	80	80	80	80
10	19020119184	Arjun V.K.	Physics	80	80	80	80
11	19020119185	Arjun V.K.	Physics	80	80	80	80
12	19020119186	Arjun V.K.	Physics	80	80	80	80
13	19020119187	Arjun V.K.	Physics	80	80	80	80
14	19020119188	Arjun V.K.	Physics	80	80	80	80
15	19020119189	Arjun V.K.	Physics	80	80	80	80
16	19020119190	Arjun V.K.	Physics	80	80	80	80
17	19020119191	Arjun V.K.	Physics	80	80	80	80
18	19020119192	Arjun V.K.	Physics	80	80	80	80
19	19020119193	Arjun V.K.	Physics	80	80	80	80
20	19020119194	Arjun V.K.	Physics	80	80	80	80
21	19020119195	Arjun V.K.	Physics	80	80	80	80
22	19020119196	Arjun V.K.	Physics	80	80	80	80
23	19020119197	Arjun V.K.	Physics	80	80	80	80
24	19020119198	Arjun V.K.	Physics	80	80	80	80
25	19020119199	Arjun V.K.	Physics	80	80	80	80
26	19020119200	Arjun V.K.	Physics	80	80	80	80

Report  
 Classes on certificate course on "Photography" for the academic year 2021-2022 for II UG students was conducted from 3/1/2022 to 4/1/2022 and for III UG students from 11/01/2021 to 3/1/2021. Classes were handled by Smt. S. Sreeraj, Faculty, Department of Physics, Maliankara. There were four modules. Module 1 was about history and evolution of photography, Module 2 and 3 were about basics of digital photography and camera focusing respectively. Module 4 dealt with nature and wildlife photography. There were a total of 30 hours (12 hours theory with 18 hours practical). Certificates were issued to those students who have successfully completed the course.

TH JITHA  
 Digitally signed by TH JITHA  
 Date: 2023.10.19 11:01:11 +05'30'

## Overall Result

Score	Number of Students
<80%	50
60 – 79%	37



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Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of Institution and will be given to students who successfully finish the Certificate Course. There are 87 students who are recommended for course completion certificate in the current year.

## Outcomes

- Provide basic information about photography
- Gain knowledge about various types of cameras, its components and accessories
- Familiarize students in hands on training (through practical sessions)
- Select and use photographic equipment and technologies appropriate to the task

## Certificate course in Yoga

### Summary Report

The Yoga Club of the College is offering a certificate course in Yoga in the year 2021 same as that of previous year. The main objective is that the student was able to understand the importance of yoga in real life. The club is organized this course in association with Vivekananda Kendra Vedhik Vision Foundation, Kodugallur, Trissur. This year seats are limited to 25. But 26 students were taken by the Yoga Club and successfully completed the course.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course in Yoga	SNMCC02	30	26

Teacher-in-charge: Sri. Sunilkumar C P, Sri Vipin K D and faculties of Vivekananda Kendra Vedhik Vision Foundation

## Curriculum

### Objectives of the Course:

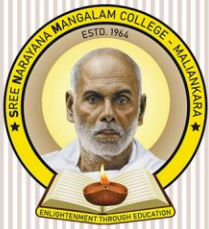
- Development of theoretical knowledge about Yoga principles and practices.
- Development of practical skills in performing Yoga techniques.
- Exploration of the benefits of Yoga for overall health and wellness.

### Module 1

Introduction to Yoga

- What is Yoga? (Theory: 1 hour)
- History and Philosophy of Yoga (Theory: 2 hours)
- Paths of Yoga: Hatha, Bhakti, Karma, Jnana, and Raja Yoga (Theory: 2 hours)
- Understanding the Yogic Lifestyle (Theory: 1 hour)





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## Module 2

Yoga Asanas (Postures) and Pranayama (Breathing Techniques)

- Popular Yoga Asanas and their benefits (Theory: 2 hours)
- Importance of Pranayama and different techniques (Theory: 2 hours)
- Yoga Asana and Pranayama Practice (Practical: 8 hours)

## Module 3

Meditation and Relaxation Techniques

- Introduction to Meditation (Theory: 1 hour)
- Different Meditation Techniques (Theory: 2 hours)
- Yoga Nidra and Relaxation Methods (Theory: 1 hour)
- Guided Meditation and Relaxation Practice (Practical: 4 hours)

## Module 4

Yogic Anatomy and Physiology

- Understanding the Energy System (Chakras and Nadis) (Theory: 2 hours)
- The Science of Breathing (Theory: 1 hour)
- Benefits of Yoga on the Nervous System (Theory: 1 hour)

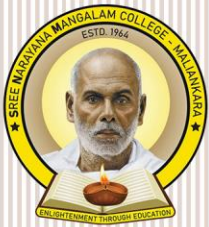
## Module 5

Yoga for Health and Wellness

- Yoga for Stress Management (Theory: 1 hour)
- Yoga for Back Pain and Postural Alignment (Theory: 1 hour)
- Yoga for Digestive Health (Theory: 1 hour)
- Yoga for Emotional Balance (Theory: 1 hour)
- Designing Personalized Yoga Practice (Practical: 4 hours)

The class has started in the month of June and ended in January 2022. Dr. M. Lakshmi Kumar, the Director of Vivekananda Kendra Vedhik Vision Foundation was the external resource person for training the students as part of course completion.





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## Assessment Procedure

In this course, exams are conducted in practical mode. The students who can do the corrective yoga postures and meditation exercise without trainer is qualifying the course and marks given to the students based on attendance of the class. Here above 90% attendance is mandatory for getting Course Completion

## Evaluation

About 90% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are actively celebrating International Yoga day and all these are considered for the assessment marks and is published at the end of March 2022

## Overall Result

Score	Number of Students
<80%	26
60 – 79%	0

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Secretary of Yoga Club and will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 26 students who were successfully completed the course in the year 2021-22.

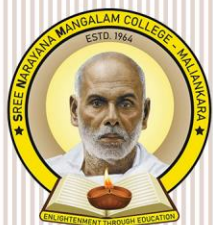
## Outcomes

- Provide a basic understanding of the principles and philosophy of Yoga.
- Gain practical knowledge and experience in various Yoga practices.
- Promote physical, mental, and emotional well-being through Yoga.

## Statistical tools for Research Methodology

### Summary Report

The Integrated PG Department of Statistics is offered an new generation certificate course in this year titled “Statistical tools for Research Methodology”. The course is designed to equip students with the essential statistical knowledge and skills required for conducting meaningful research across various disciplines. The course covers a wide range of topics, including descriptive statistics, correlation and regression, sampling methods and hypothesis testing. By the end of the course, students will be well-prepared to apply statistical tools effectively in their research endeavors and contribute to the advancement of knowledge in their respective fields. In this course is completely devoted to Postgraduate students in the college. The department took initiative to arrange the course offering to all departments having PG. The faculties of statistics went to take course and cover the syllabus in each department. The concerned department made other arrangements and facilities to the concerned teacher. There were 310 PG students in the college and in monthly manner class



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starting from science department, syllabus were took by the faculties and end up successfully for all P department students.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Statistical tools for Research Methodology	SNMCC02	30	310

Teacher in charge: Dr Linu M N and Ms. Manju N

## Curriculum

**Module 1:** Descriptive Statistics Measures of central tendency-Arithmetic Mean, Median, Mode Measures of dispersion- Range, Quartile deviation, Standard deviation (5 Hours)

**Module 2:** Correlation & Regression Correlation-Scatter diagram, Karl Pearson's coefficient of correlation, spearman's rankcorrelation coefficient. Regression-Finding regression equations, regression coefficients, prediction based on regression equations. (5 Hours)

**Module 3:** Probability distributions Binomial distributions, Poisson distribution, Normal distribution and their applications (5 Hours)

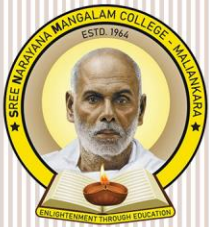
**Module 4:** Sampling methods & sampling distributions Sampling methods: Population and sample, Probability and non-probability samplingmethods, determination of sample size Sampling distributions: Chi square, t and F distributions-definition, properties and tables of distribution (5 Hours)

**Module 5:** Inferential Statistics Estimation: Parameter and statistic, Estimation of parameters-Point estimation and interval estimation. Testing of Hypothesis: Hypothesis-Simple and composite hypothesis, Null and alternativehypothesis, Rejection & Acceptance region, Type I and type II errors, significance level, power of a test, p value of a test. Parametric tests- testing mean, testing equality of means, paired t test, Testing variance, testing equality of variances , ANOVA Non Parametric tests-Chi square test of independence and goodness of fit, sign test, Wilcoxon's Signed rank test , median test, Mann-Whitney U test, Kruskal Wallis test

The class started in the Month of October 2021 and ended up in February. The certificate course also takes advantage of external resources like faculties and invited talks etc.







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## Assessment Procedure

In this course, exams are conducted in practical and theory mode. The students could get 45% marks from practical and remaining 55 % for theory is qualifying the course and marks given to the students based on attendance of the class. The consolidate marks is above 60% attendance is mandatory for getting Course Completion.

## Evaluation

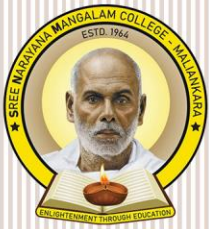
About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are actively participating medical camps and all these are considered for the assessment marks and are published at the end of May 2021

## Overall Result

Score	Number of Students
<80%	111
60 – 79%	199

## Outcomes

- Provide students with a comprehensive understanding of statistical concepts and methods, covering descriptive statistics, correlation and regression, probability distributions, sampling methods, sampling distributions, and inferential statistics.
- Develop students' proficiency in analyzing and interpreting data using descriptive statistics, understanding and applying correlation and regression techniques to explore relationships between variables, gaining a solid grasp of probability distributions to model uncertainty in real-world scenarios, learning various sampling methods and their implications for data collection, and finally, mastering inferential statistics to draw accurate conclusions about larger populations based on sample data.
- Equip students with the necessary analytical skills to make data-driven decisions, conduct meaningful research, and effectively communicate statistical findings to a wide audience



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## Certificate course on Solar- LED Product Making

### Summary report

The Department of Physics is offered a new certificate course in this year “Solar- LED Product Making” to inculcate entrepreneurship skills in students. There are 40 seats allocated for this course and 33 seats were filled in the current year. The faculties of Physics department and an external expert are the resource persons of this course. Practical sessions were handled by the external expertise and from the session, students were able to make an LED product.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Solar- LED Product Making	SNMCC08	30	33

Teacher-in-charge: Sri. Sunilkumar CP, DR. Urmila K S, Mr. Sabir, operator engineer, KSEB as external resource person



### **Curriculum**

**Module 1:** Fundamentals of LED, Basic principles of light sources (Theory: 1 hour)

Light measurement techniques and its units. (Theory: 1 hour)

Series and Parallel Connection of LEDs (Practical: 3 hours)

White light production from LED (Practical: 2 hours)

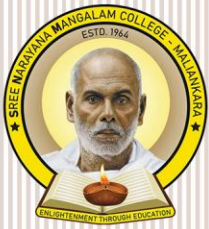
**Module 2.** Designing of LED Types of LEDs and light sources (Theory: 2 hours)

Reliability parameters for LED designing (Practical: 1 hour)

Design Fundamentals of LED Driver (Practical: 2 hours)

LED switching using LDR (Practical: 1 hour)

LED Lighting Design (Practical: 1 hour)



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## Module 3. Testing & Safety Requirements of LED Lights

Standards of LED Lights (Theory: 2 hours)

Testing requirements of LED Lights (Theory: 2 hours, Practical: 5 hours)

Safety Requirement of LED Lights (Practical: 3 hours)

## Module 4. Benefits and Applications of LEDs (Theory: 4 hours)

Medical applications

Commercial applications

Household applications

### Assessment Procedure

The theory and practical component of the course is evaluated through assignment, test and Quizz. Practical exam is focused on the method of LED bulb making. Attendance of the course is above 70% is required to fulfill the criteria of the course.

## Evaluation

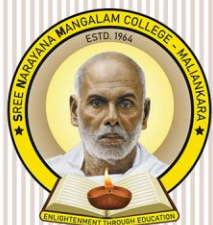
About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by theory test and practical sessions and all these are consolidated in the assessment marks and are published at the end of March 2021

## Overall Result

Score	Number of Students
<80%	25
60 – 79%	8

The course completion certificate is issued for the students who are completed the course successfully. There are 33 students qualified the course in the current year.





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## Outcomes

- Provide basic information about the LED working principle
- Gain knowledge about various aspects of LED making
- Familiarize students in hands on training (through practical sessions)
- Inculcate entrepreneurship skills in students

## Certificate course on Scientific Typesetting using LATEX

### Summary Report

The department of Mathematics is offered a certificate course on Scientific Typesetting using LATEX. This course is explaining how to write a paper using LATEX software. The students were encouraged to use after this course and for project submission in the final year. There are only 50 seats allotted for this course and increased to 62 as per the request from student side. The course is successfully completed by 62 students who were gone through theory and practical sessions of this course.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Scientific Typesetting using LATEX	SNMCC09	30	62

Mentors : Ajan K A, Assistant Professor, Dept. of Mathematics Sreejamol P R, Assistant Professor, Dept. of Mathematics

## **Curriculum**

### **Module 1**

Introduction to online LATEX editor Overleaf - Typing text - Text environments – Typing maths - Your first article Chapter 2, 5, 6 - Chapter 3 , 7 and Chapter 4 upto 4.2.4 (10 Hours )

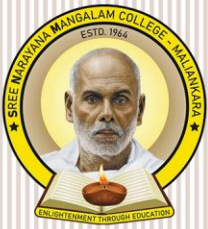
### **Module 2**

More math – Multiline with displays - Document structure - Typing maths - Your first article Chapter 8, 9 and 10 (10 Hours)

### **Module 3**

Using Tikz for creating graphics – Using Beamer for making presentations Tikz Manual - TikZ and pgf Manual for version 1.18 Beamer - The beamer class User Guide for version 3.68. (10 Hours)

The class has started on October and covered the whole syllabus in the mid-January. The evaluation at the end of the course is conducted in offline mode and practical aspects of this course are done before Christmas vacation.



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## Assessment Procedure

Total course points: 50

Assignments for each module (10 points for each assignment)

A test at the end of the course ( 20 points)

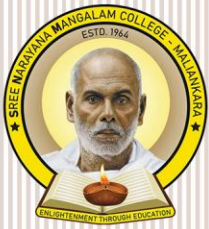
Participants have to secure at least 25 points for the successful completion of the course

CERTIFICATE COURSE ON			SCIENTIFIC TYPESETTING USING LATEX													
III DC (19-22 Batch)																
S.No	Register Number	Name of Student	Department	1	2	3	4	5	6	7	8	9	10	11	12	
1	19001034081	Amalakrishnan M.A.	Mathematics													
2	19001034071	Asif K.S	Mathematics													
3	19001034076	Geetha V. Geetha	Mathematics													
4	19001034082	Ujjay T.V	Mathematics													
5	19001034077	Sandhya A.S	Mathematics													
6	19001034109	Vijaykumar M	Mathematics													
7	19001034087	Sunitha K.P	Mathematics													
8	19001034072	Prudha C.A	Mathematics													
9	19001034075	Krishnapriya P.S	Mathematics													
10	19001034100	Sneha Riji	Mathematics													
11	19001034078	Rajeev Raj	Mathematics													
12	19001034086	Atanayya J.L	Mathematics													
13	19001034079	Shreyasriya P.B	Mathematics													
14	19001034071	Aradhana Prasad	Mathematics													
15	19001034077	Nidhina Vijayaraj	Mathematics													
16	19001034105	Devika P.S	Mathematics													
17	19001034075	K.P. Lakshminarayana	Mathematics													
18	19001034089	Akhil V.S	Mathematics													
19	19001034088	Ashik Anitha K.S	Mathematics													
20	19001034083	Vignesh Jayano	Mathematics													
21	19001034072	Ramamya F.J	Mathematics													
22	19001034086	Ashik Raju	Mathematics													
23	19001034103	Sunitha P.S	Mathematics													
24	19001034072	Aishwarya K.V	Mathematics													
25	19001034076	Rishi Roy	Mathematics													
26	19001034102	Smitha K.S	Mathematics													
27	19001034080	Sona S.A	Mathematics													
28	19001034072	Sandya Suresh Babu	Mathematics													
29	19001034073	Blaise V.T	Mathematics													
30	19001034079	Rajal Krishna P.K	Mathematics													
31	19001034081	Shreya A.J	Mathematics													
32	19001034070	Ashwini K.M	Mathematics													

## Overall Result

Score	Number of Students
Above 50 points	51
30-19 points	11

The course completion certificate is issued for the students who are completed the course successfully. There are 62 students qualified the course in the current year.



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## Outcomes

- Understand LaTeX, a document preparation system for high - quality typesetting
- Understand features of LaTeX
- Have hands on experience to become a user of LaTeX
- Enables students to produce high-quality documents, such as academic papers, scientific publications, and even books

## Fundamentals of Capital Market and Techniques of Trading

### Summary Report

To familiarize students with fundamental concepts in capital market, department of Economics is offered a new course on Fundamentals of Capital Market and Techniques of Trading in the current year. There are 109 student were enrolled in the course and attained the course completion certificate. After the course the student get an overview of stock market trading and financial management in the competitive and dynamic world of security trading.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Capital Market and Techniques of Trading	SNMCC10	45	109

Teacher in charge: Ms. Saipriya Sudarsan, Ms. Nitha A U, Mr. Nikhil MB

### **Curriculum**

**Module 1** Capital market in India: Overview of Indian security market- primary market and secondary market- Functions- IPOs, FPOs (10hrs)

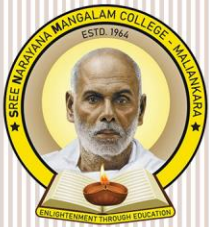
**Module 2** Problems of new issues market-SEBI measures for primary market- Players of Indian stock market-Investors- brokers - depository participants- clearing corporation (10 hrs)

**Module 3** Trading: Demat Account- Equity – Derivatives: futures and options-Intraday-delivery - stop loss-Margin trading. Mutual funds: types -Allocation of funds -Entry and exit (10 hrs)

**Module 4** Investment strategies: Fundamental analysis and technical analysis- Taxation: Capital gain. Exchange taxation and levies. (10 hrs)

The class is started on the first week of October and is ended in mid-November. The concerned faculty is kept the student attendance register.





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## Assessment Procedure

About 60% of the course's stipulated marks will be required to pass this certificate course. In this course, students are actively participating quiz competitions; test, social extension activities and all these are considered for the assessment marks

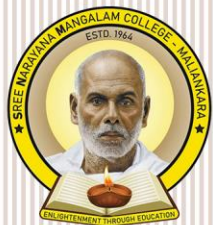


Sl. No.	Name	Roll No.	Grade	Percentage
1	ABHIRAM M S	19010101	B	65
2	ADARSH K S	19010102	B	65
3	ADARSH K S	19010103	B	65
4	ADARSH K S	19010104	B	65
5	ADARSH K S	19010105	B	65
6	ADARSH K S	19010106	B	65
7	ADARSH K S	19010107	B	65
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97	ADARSH K S	19010197	B	65
98	ADARSH K S	19010198	B	65
99	ADARSH K S	19010199	B	65
100	ADARSH K S	19010200	B	65

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of Institution and will be given to students who successfully finish the Certificate Course. There are 109 students who are recommended for course completion certificate in the current year.

## Outcomes

- Provide students basic ideas about the fundamental concepts in the capital market
- Give a precise understanding of the stock market operations in terms of its structure, trading, settlement procedures, process and related component
- Impart knowledge about the regulations and emerging challenges in the Indian stock market
- Equip students the techniques to be followed by any investor or trader looking for profits



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## Certificate course on Health impact of chemicals

### Summary Report

The Department of Chemistry took initiative for conducting a certificate course on Health impact of chemicals. This course covers chemicals in our environment and in our bodies and how they impact our health. It explains the main forms of toxic chemicals, particularly related to how they get into our bodies (exposures), what they do when they get there (toxicology), how we measure them (biomonitoring) and their impact on our health. Outline the ill effects of chemicals in our daily life. Recognize the main water pollutants and their impact. It also explains the food adulteration and its contamination. There were a total of 82 students enrolled and completed this course during the year.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Health impact of chemicals	SNMCC11	30	82

Teacher-in-charge: Ms. Anusree A U, Dr. Resmi V C and Ms. Preena N

### **Curriculum**

**Module I** Introduction: Chemicals and health; an overview of the course, a discussion of chemicals & how we are exposed and an introduction to chemical production & regulation. The module ends with a homework assignment. (3 Hours)

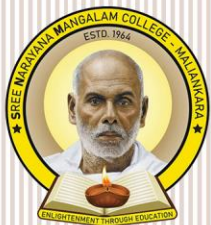
**Module II** Toxicology: What do chemicals do in our bodies? Acute toxicology, chronic toxicology; toxicokinetics and toxicodynamics, Introduction to toxic chemicals.(4 Hours)

**Module III** Biomonitoring: How do we measure these chemicals in our bodies. Toxic chemicals related to our daily routine; analysis of biological samples; Exposure and uptake. (3 Hours)

**Module IV** Health effects of chemicals: How do we figure out how chemicals affect our health? Risk Assessment in Environmental Decision Making. Water pollution: causes of chemical water pollution – Organic wastes and Chemical pollutants. (7 Hours)

**Module V** Case Studies; Real world examples of chemical exposure; impact of tobacco, food additives Types and uses, Food adulteration, contamination of food (5 Hours)

The class started on 3<sup>rd</sup> January 2021 and completed on 31<sup>st</sup> of the same month. The faculties of chemistry department conducted class on evening time 3.30 to 4.30 pm. Three class with one hour duration per is conducted throughout the month. An external expertise Dr. Sujith S.S, Raystar Optronics Inc in the field also took online class as part of certificate course.

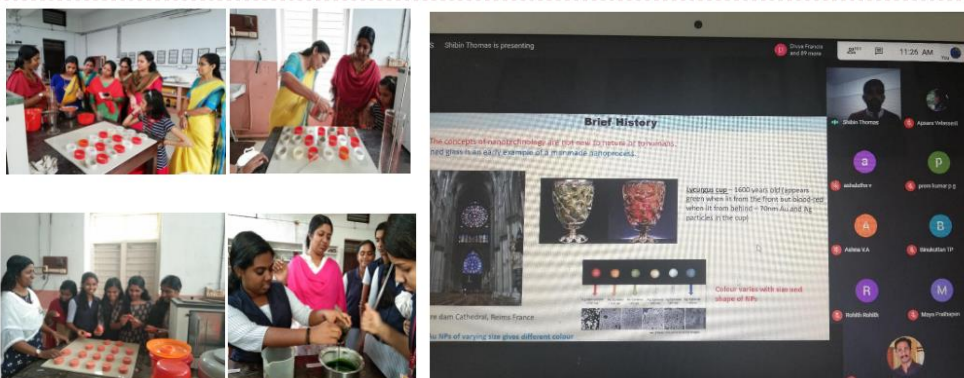


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## Assessment Methods

Exam: I hr duration with maximum marks 30

Assignment: 10 marks

Attendance: 10 marks

Score	Number of Students
Above 40 marks	45
25-39- marks	37

There are 82 students who are recommended for course completion certificate in the current year.

## Outcomes

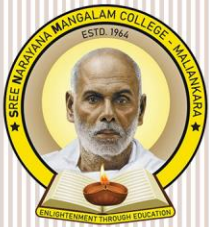
- Students will be able to understand about toxic chemicals and its impacts
- Acquire the skills to explain the main forms of toxic chemicals
- Ability to find adulteration in food industry
- Understand main water pollutants and their impacts
- Students will be able to understand Biomonitoring of chemicals in our bodies.

## Certificate course on Artificial Propagation of Garden and Fruit plants

### Summary Report

In this year, department of Botany is offered a certificate course on Artificial Propagation of Garden and Fruit plants to familiarize students on various artificial propagation methods. Propagation of plant is the involvement of science and art in a skillful way. There are 75 seats limited to the course and in the current year 74 are filled. Two batches of class were arranged, one in morning session and other in evening session. Saturdays were used as course time. Starting from October, about 50 % of portions were completed before Christmas vacation and within February whole syllabus were covered. The evaluation is done as per the guidelines and 74 students were finally recommended for course completion.





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SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Artificial Propagation of Garden and Fruit plants	SNMCC13	30	74

Teacher-in-Charge: Dr. MG Sanilkumar, Drr. Baiju EC, Dr. Simi M S & Ms. Thushara V S

## Curriculum

### Module I

Vegetative propagation - advantages and disadvantages. Natural methods of vegetative propagation. Artificial methods – budding, grafting and layering. Budding- Shield budding, Ring budding and Patch budding (Theory – 2 hrs; Practical- 7 hrs)

### Module II

Grafting- Principles and techniques of grafting; Types- Veneer grafting, Side grafting, Wedge or cleft grafting (Theory – 2 hrs; Practical- 7 hrs)

### Module III

Layering- Principles and techniques of layering. Types- Simple layering, Compound layering or Serpentine layering, Air layering. Advantages and disadvantages of artificial propagation (Theory – 4 hrs; Practical- 8 hr)

The classes were conducted inside the college and outside. The Budding and layering was conducted with the help of external expertise.



## Assessment Procedure

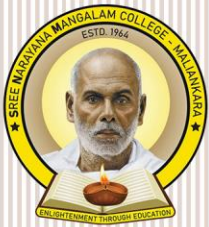
Total course points: 100

Assignments for each module (20 points for each assignment)

A test at the end of the course (20 points)

Practical: 60 points

Participants have to secure at least 50 points for the successful completion of the course



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Certificate course on Artificial Propagation of Garden and Fruit plants 2021-2022

Sl.No	Register number	Name	Class	5-1-21	15-02-21	15-03-21	15-04-21	15-05-21	15-06-21	15-07-21	15-08-21	15-09-21	15-10-21	15-11-21	15-12-21	15-01-22
1	20021023365	LAKSHMI.M.J	Commerce													
2	20021023370	MARINA TOMAT	Commerce													
3	20021023387	MANDANA A.M	Commerce													
4	20021023392	MANGALAM P.S	Commerce													
5	20021023393	RAJASANKAR.N	Commerce													
6	20021023423	KRISHNA VENKA.S	Commerce													
7	20021023424	NAGHANA.S.A	Commerce													
8	20021023432	ROOJA.S.R	Commerce													
9	20021023438	REJITHA.M.M	Commerce													
10	20021023460	AMRITHASUBRAMANIAM	SBA													
11	20021023461	ANANTHAKRISHNAN	SBA													
12	20021023462	ANUJ.S.D	SBA													
13	20021023463	ADARSH.P.D	SBA													
14	20021023464	ARJUN.R.S	SBA													
15	20021023465	ARUN.M.H	SBA													
16	20021023466	ARUN.T.P	SBA													
17	20021023467	ARUN.M.H	SBA													
18	20021023468	A.SURAJ.S.R	SBA													
19	20021023469	ATHIRA.P.V	SBA													
20	20021023470	ATHIRA.P.H	SBA													
21	20021023471	ATHIRA.P.H	SBA													
22	20021023472	ATHIRA.P.H	SBA													
23	20021023473	ATHIRA.P.H	SBA													
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25	20021023475	ATHIRA.P.H	SBA													
26	20021023476	ATHIRA.P.H	SBA													
27	20021023477	ATHIRA.P.H	SBA													
28	20021023478	ATHIRA.P.H	SBA													
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30	20021023480	ATHIRA.P.H	SBA													
31	20021023481	ATHIRA.P.H	SBA													
32	20021023482	ATHIRA.P.H	SBA													

## Overall Result

Score	Number of Students
Above 75 points	74
50-74 points	0

The course completion certificate is issued for the students who are completed the course successfully. There are 72 students qualified the course in the current year.

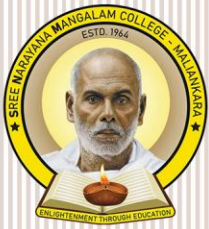
## Outcomes

- ✓ Provide basic skills of artificial plant propagation
- ✓ Provide hands on training in nursery operations
- ✓ Familiarize common garden tools and implements

## Certificate course on Nattyakala Sidhandavum Prayogavum

### Summary Report

The department of Malayalam is offered a new course based on dance titled “Nattyakala Sidhandavum Prayogavum”. This course is benefitted to the students who have enough talent and interest in performing classical dance. This will help the students who are not financially fit for studying the dance and given a plenty of opportunity for performing stage competitions. The class is conducted in 75 % in online mode due to the increased number of interested students. And 25% class conducted in offline mode with 6 batches. Starting from October and ended up in February in which the students who were joined the class (53) are successfully completed the course.



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SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Nattiyakala Sidhandavum Prayogavum	SNMCC12	30	53

Teacher-in-charge: Dancer from Kalamadalam & Guest faculty of Malayalam Department: Anjana C S

## Curriculum

### Unit-I:

Historical background of Indian Classical dance. [Marks: 20]

Bharatnatyam, Kuchipudi, Mohiniattam, Kathakali

i. Place of Origin

ii. Costume

iii. Stylistic feature

iv. Techniques and repertoire

v. Music and musical instrument

### Unit-II:

Rasa Definition and explanation of the nine Rasa ii. Importance of nine Rasa (sentiments) in Dance [15 marks]

### Unit-III:

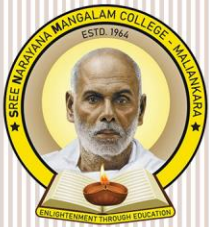
Folk & Traditional Theatre forms [Marks 15]



## Assessment Procedure

In this course, exams are conducted in practical mode. The students who can do the basic mudras bhavas and natya of various classical dances is qualifying the course and marks given to the students based on attendance of the class. Here above 90% attendance is mandatory for getting Course Completion





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## Evaluation

About 90% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are actively cultural festivals and all these are considered for the assessment marks and are published at the end of March 2021

## Overall Result

Score	Number of Students
<90%	53
60 – 79%	0

Upon registering for, taking, and passing the exam, students will receive a certificate. The course completion certificate is recommended for 53 students who were successfully completed the course in the year 2021-22.

## Certificate course on Advanced MS Office

### Summary Report

Microsoft office is a powerful suite of tools that can help students to stay organized, collaborate with colleagues, and create professional documents from creating reports and proposals to analyzing data in Excel to managing email and scheduling in Outlook & Microsoft. It helps the students to learn Microsoft word from beginner to expert level learns to create a professional document template. So the certificate course on Advance MS Office is necessary for the students, department of commerce self financing is offered the course in the current year. There were 272 students enrolled the course and the course is conducted in department wise throughout the year. Time scheduled at 8.30 to 9.30 am and 3.30 to 9.30pm and included Saturdays at 10 to 12.30pm. The evaluation is done as minimum standard. The enrolled students who were successfully completed the course got the certificate for course completion.

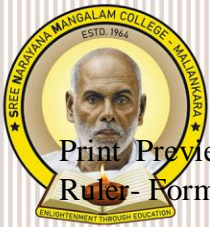
Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Advanced MS Office	SNMCC14	30	272

Teacher-in-charge: Ms. Seaju C S, Ms Keerthi Unnikrishnan, Aparna C S

## Curriculum

### Module-I

Word Processing Package: MS-Word 2013- Introduction-Features- Word User Interface Elements- Creating New Documents- Basic Editing Saving a Document-Printing a Document-



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Print Preview-Page Orientation Viewing Documents Setting TabsPage Margins- Indents-  
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Ruler- Formatting Techniques Font Formatting-Paragraph Formatting- Page Setup Headers  
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&Footers-Bullets and Numbered List Borders and Shading- Find and Replace-Page Break  
Page Numbers-Mail Merging-Spelling and Grammar Checking- Thesaurus- Macros- Tables-  
SideBy-Side and Nested Tables- Formatting Tables- Drawing- Word art- Paint Brush

## Module II

Spreadsheet Package: MS -Excel 2013-Introduction-Excel User Inter face Working With Cell  
and Cell Addresses- Selecting a Range, Moving, Cutting, Copying With Paste-Inserting and  
Deleting Workbook- Cells- Freezing Renaming Cells- a Worksheet- Adding, Deleting Cell,  
Contents Height Selecting Using and Copying Borders- / Width-Formatting in Print a  
Worksheet Cell- Boxes Area-Margin Using and Colors- Within Print a Worksheet and  
Preview- Fonts- a Centering Orientation- Automatically- Aligning-Wrapping Preparing a  
Heading, Centering Worksheet Insert a and Worksheet- Comments- for Rotating Row/ the  
ColumnPrinter-UsingClearTextFormatting OptionsFormatting Changing Header and Footer-  
Inserting Page Breaks- Sorting Data.

## Module-III

Advanced Features of Excel: All Functions in Excel- Using Logical FunctionsStatistical  
Functions- Mathematical Functions – Linking Data between WorksheetElements of Excel  
Charts-Categories- Create a Chart- Choosing Chart Type- Edit Chart Axis – Titles, Labels,  
Data Series and Legend- Adding a Text Box- Rotate Text in a Chart

## Module-IV

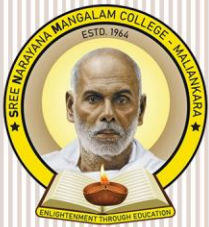
Presentation Package: Ms-Power Point 2013- Advantages of Presentation-Screen Layout-  
Creating Presentation- Inserting Slides-Adding Sounds andVideosFormatting Slides -Slide  
Layout Views in Presentation – Colour Scheme-Background Action Buttons- Slide  
Transition- Custom Animation- Managing Slide Shows – Using Pen Setting Slide Intervals.  
(12 Hours)

## Assessment Procedure

In this course, exams are conducted in practical and theory mode. The students who can  
prepare document in the word, calculations in excel and a presentation using PowerPoint is  
qualifying the course and marks given to the students based on attendance of the class. Here  
above 60% attendance is mandatory for getting Course Completion

## Evaluation

About 60% of the course's stipulated marks will be required for attendance to pass this  
certificate course. In this course, students are actively participating medical camps and all  
these are considered for the assessment marks and are published at the end of May 2022



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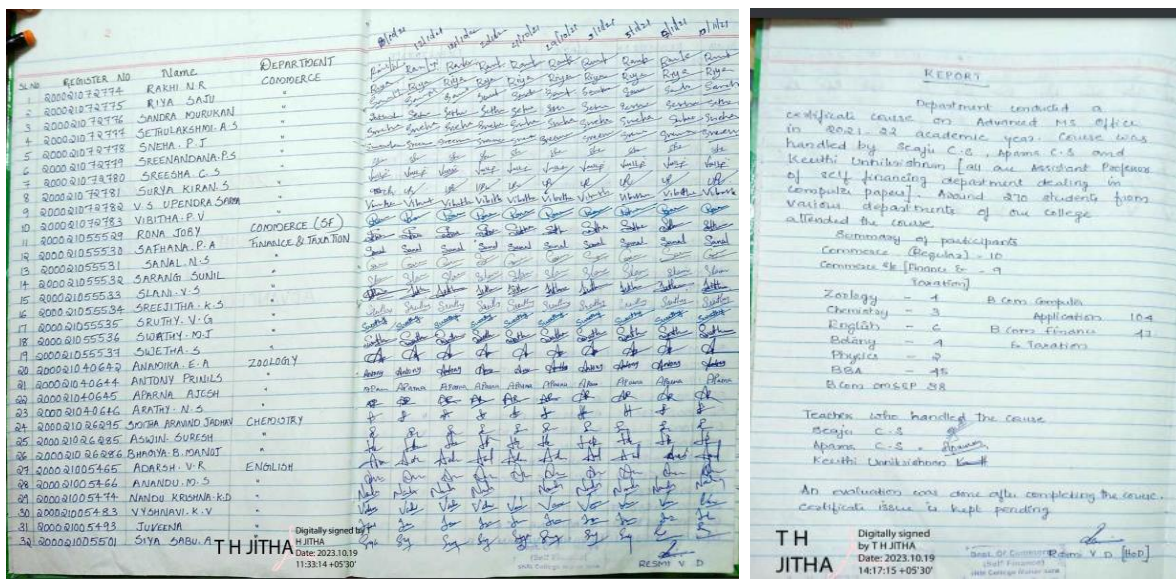
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## Overall Result

Score	Number of Students
<80%	179
60 – 79%	93

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of Institution and will be given to students who successfully finish the Certificate Course. There are 272 students who are recommended for course completion certificate in the current year



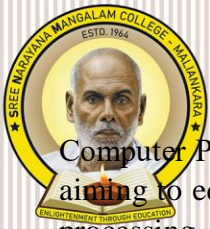
## Outcomes

- Know how to use the most common Microsoft office programs.
- Able to create documents for printing and sharing.
- Able to create and share presentations

## Certificate course on Basics of MS Office

## Summary Report





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Computer Proficiency is an inevitable part of today's education and job market. The course is aiming to equip all the students to have basic skills as well as hands on experience on word processing, for creating excel spreadsheets, for building databases and preparing

presentations, through the use of Microsoft Office Word, Excel, and PowerPoint programmes. So the department of Economics is provided a certificate course offered for the second year students of Economics. This course is not providing for students of other department. There are 63 students who are in second year is get benefitted for this certificate course. After completion the certificate is issued for 63 students in the current year.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Advanced MS Office	SNMCC14	40	64

Teacher-in-charge: Ms. Nitha A U, Ms. Saipriya Sudarsan

## Curriculum

**Module I** Introduction to Computer Fundamentals, Windows OS, Internet, Modem, Web browsers, Email, Establishing your e-mail account (6Hours)

**Module II** Introduction to Microsoft Word Basic components of a Word window, Preparing a word document, Editing a prepared document, Adjusting the margin settings, Additional formatting options, Header and Footer options, Border and Shading of page, Drawing options, Inserting images, Saving a document, Creating a new document, Inserting audio and video files (13 Hours)

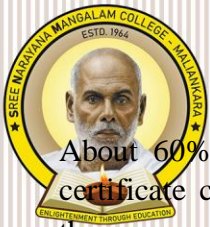
**Module III** Introduction to Microsoft Excel, Enter data in excel workbook, Formatting toolbar, Shortcut to fill a series, Simple Mathematical functions, Editing a data sheet, Format cell, Rename a sheet, Save, Open a workbook, Arrange data in ascending or descending order, Insert new column or row, Insert picture, graph or clipart in excel sheet (13Hours)

**Module IV** Introduction to Microsoft PowerPoint How to create a new slide, How to apply animation to slides, Fill background with effects, How to apply sound to slides, How to save a presentation, Opening an existing presentation, Insert new slides with different layout, Editing a slide, Inserting picture to a slide, Inserting media files to PowerPoint slides (8 Hours)

## Assessment Procedure

In this course, exams are conducted in practical mode. The students who can prepare document in the word, calculations in excel and a presentation using PowerPoint is qualifying the course and marks given to the students based on attendance of the class. Here above 80% attendance is mandatory for getting Course Completion

## Evaluation



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About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are actively participating medical camps and all these are considered for the assessment marks and are published at the end of May 2022

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## Overall Result

Score	Number of Students
<80%	63
Below 80%	1

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of Institution and will be given to students who successfully finish the Certificate Course. There are 63 students who are recommended for course completion certificate in the current year

## Outcomes

- Basic information about the computer system
- Familiarize students with the use of MS Windows, Internet and E-mail.
- Familiarize students with the use of MS Office-MS Word, MS Excel & MS PowerPoint.

## Certificate course on Sree Narayana Guru- Life and Vision

### Summary Report

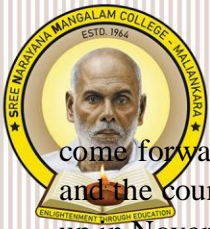
The Sree Narayana Study and Research Centre at the institute has started a new course by revising the existing course with new one titled “Sree Narayana Guru- Life and Vision”. The main objective of the course is to understand guru’s the life and vision. It provides the students to study Sree Narayana Guru’s unique philosophy of integration, and his formulae for spiritual and social advancement of the people.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course on Sree Narayana Guru- Life and Vision	SNMCC01	50	21

Teachers-in –charge: Dr. Jitha T H, Ms. Viji M P, Ms. Ragi Segharan & Ms. Sreeja V S, Dr. PG Renjith

### Summary Report

The course is open for all the students of college and the faculties of Malayalam department are taking the class of this certificate course. There are 21 students from various department



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come forward to join the course. The study centre offering this course with total hours of 50 and the course is conducted with time table. Starting from the month of June, course is ended up in November, covered all the philosophical aspects included in the syllabus as a fruitful

way. The classes for this batch are conducted successfully and the time schedule is noticed prior to the students.

## Curriculum

### Objectives

- To know about Sree Narayana Guru's Life
- Understanding of his principles and teaching
- To know about Impact of society as a social reformer
- Formulate for spiritual and social upliftment of backward community

Module 1(15hrs)	Module II(15 hrs)	Module III(10hrs)	Module IV(10hrs)
Sree Narayana Guru jeeva charithram	Principles of Sree Narayana Guru- Deiva Deshaka	Guruvinte shikshyakal	Relevance to society with Guru;s Teachings
Sadhacharam	Teachings of Guru	Guru Prasthanagal	Sahithyavum samoohavum
Jeevakarunnya Pravarthanam	Anukamba Dasakam	Sree Narayana Guru as Poet	Life enlighten backward comunity
Gadhyaparthana	Jathi nirnnayam	Pindanadhi - poem	Guru Krithi sampooranam

To track attendance and syllabus coverage, the data must be given once per month by the president of Sree Narayana study and research centre. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in all of the courses for the specific semester in order to submit an essay.

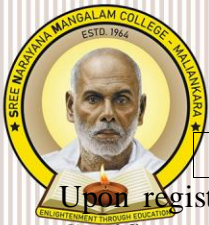
### Evaluation

About 60% of the course's stipulated marks will be required to pass this certificate course. In this course, students are actively participating quiz competitions; test, social extension activities and all these are considered for the assessment marks and is published at the end of December 2021.

### Overall Result

Score	Number of Students
<80%	21





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Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Secretary and President of Sree narayana Study and research centre will be given to students who successfully finish the Certificate Course. The

course completion certificate is recommended for 21 students who were successfully completed the course in the year 2021-22.

## Outcomes

- Know about Sree Narayana Guru's Life
- Understanding of his principles and teaching
- Know about Impact of society as a social reformer
- Formulate for spiritual and social upliftment of backward community

## Certificate Course on Communication Skills in English

### Summary Report

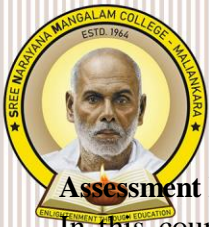
The English Certificate Course titled "Communication skills in English" is planned as 30 hours training programme offered by the Department of English. The students will be given training in the four language skills to make them functional in the English language but the major focus of the course will be on the enrichment of English speaking skills. The faculty from the department will give the classes. Content and interactive videos to enhance linguistic competency of the learners will be provided by the faculty of the department. The students' progress will be monitored and recorded from time to time. Once language training starts there is the need of full-fledged language lab to make the training effective.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Communication Skills in English	SNMCC03	30	145

Teacher-in-charge: Ms. Vismaya K B, Ms. Binsha B, Ms. Anupa Asok

## Curriculum

Module I (6hrs)	Module (II 8hrs)	ModuleIII (15hrs)	Module IV (6 hrs)
Introductory Session	Listening Skills	Speaking Skills	Group Discussion
Ice Breaking	Various Listening Activities	Art of Small Talk	Debate
Language Games	Role play	Public Speaking	Interview



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**Assessment Methods:** Assignments, Tests, Speech Assessment

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In this course, 75% above attendance is mandatory for the course. 20% is given for the assignment. 5% is to Speech Assessment. The Mock Interview, Debate completion is conducted as part of this course.

## Overall Result

Score	Number of Students
<80%	99
<70%	13

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of the Institution, IQAC co-coordinator and certificate course co-coordinator will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 112 students who were successfully completed the course in the year 2021-22.

## Outcomes

- Enhance the four fold language skills (listening, speaking, reading and writing) of learners
- Make the bright students confident enough to communicate in English in various situations
- Make the learners career ready

## Certificate Course in Value Education

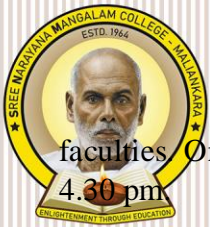
### Summary Report

The Certificate course on Value Education is offered at the department of Commerce in the year 2021. Value-based education places an emphasis on helping students develop their personalities so they can shape their future and deal with challenges with ease. It shapes students to effectively carry out their social, moral, and democratic responsibilities while becoming sensitive to changing circumstances.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Value Education	SNMCC04	30	105

Teacher-in-charge: Dr. U R Krishnakumar, Ms. Theertha Joy and Ms. Reena T S

There are 120 students were registered in the course, and the department is tried to accommodate as many as students with seat of 105. All the seats were filled in the current year. The class is divided into two batches. In the month of January, after the commencement of first year class, the certificate course class started. Two sessions were arranged by the



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faculties. One in the morning time 8.30 to 9.30 am and another was in the afternoon 3.30 to 4.30 pm. Maliankara P.O., Moothakunnam Via, Ernakulam (DT), Kerala, India - 683516

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## Curriculum

### Module 1

Overview and Perspectives of Value Education- Value Education – Definition – Objectives - Concept of Human Values - Family Values – Aesthetic Values – Ethical Values– Spiritual Values- Self-Discipline – Self-Confidence - Self-Initiative – Self-awareness –Empathy– Compassion-Honesty and Courage - Leadership qualities -Personality Development. (10 Hours)

### Module 2

Socio-Psychological aspects of Value Education – Psychological parameters of value education (Individual Approach and Group Approach) - Social interaction and human values - Value Development through Social Institutions: Family & Neighborhood – College and Peer - Role of Parents - Influence of Media on Value Development . (10Hours)

### Module 3

Value Development and Life skill Education – Value Models – Value Identification – Value Integration – Value Transaction - Character and personality - ICT and value development – ICT use and abuse – Generating awareness: Minimizing the abuse of ICT – Life skills and their importance.

## Assessment Procedure

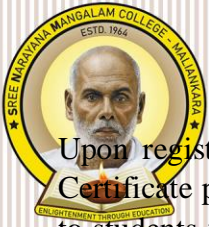
To track attendance and syllabus coverage, the data must be given once per month by the Head of department of Commerce. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in these courses and is mandatory.

About 60% of the course's stipulated marks will be required to pass this certificate course. In this course, students are evaluated by tests, assignments and all these are considered for the assessment marks and are published at the end of April 2022.

## Overall Result

Score	Number of Students
<80%	95
60 – 79%	10





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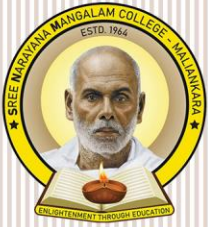
Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by Principal, Certificate IQAC co-coordinators and will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 105 students who were successfully completed the course in the year 2021-22.

## Course Outcome

1. Generate awareness and interest for inculcating positive values among students and the community
2. Develop awareness and societal responsibility among students



Head of the Institution

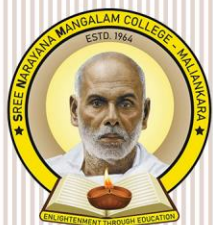


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## **Curriculum, Assessment procedures and summary report of each program year- wise along with their outcome**

**2022-23**

### **Certificate course on Energy Management and Energy Auditing**

#### **Summary Report**

The department of Physics is introduced a new course on Energy Management and Energy Auditing” in this year. Primarily focus of this course is to conserve our energy resources. Auditing is good method to evaluate the usage of energy per month. This course is new generation course where the student gets an idea of the methods of energy auditing. There are 31 students from post graduate degree in physics were joined the course and as make it as compulsory at the department. The class started at the beginning of December and covered the whole syllabus at the end of February 2023. Proper evaluation is conducted and given marks to each student. There were 31 students who got the course completion certificate in this year.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Energy Management and Energy Auditing	SNMCC17	32	31

Teacher in charge: Dr. Neena P. Dr. Urmila K S

#### **Curriculum**

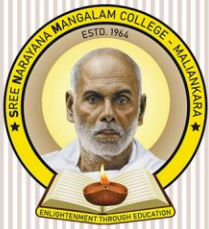
##### **Module 1**

- Basics of Energy Management & Energy Auditing
- Definition & Objectives of Energy Management (Theory: 1 hour)
- Energy Audit: Types And Methodology (Theory: 2 hours)
- Need for Energy Audit (Theory: 1 hour)
- Preliminary Energy Audit Methodology (Theory: 1 hour)
- Detailed Energy Audit Methodology (Theory: 1 hour)

##### **Module 2**

- Energy management (audit) approach
- Ten Steps Methodology for Detailed Energy Audit (Theory: 1 hour)
- Phase I -Pre Audit Phase Activities (Practical: 2hours)
- Initial Site Visit and Preparation Required for Detailed Auditing
- Phase II- Detailed Energy Audit Activities (Practical: 12 hours) The information to be collected during the detailed audit
- Identification of Energy Conservation Opportunities
- Energy Audit Reporting Format





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- Understanding Energy Costs
- Benchmarking and Energy Performance

## Module 3

- Matching energy use to requirement & Maximizing system efficiencies SNM College, Maliankara
- Plant Energy Performance (Theory: 1 hour)
- Production factor (Theory: 1 hour)
- Reference Year Equivalent Energy Use (Theory: 1 hour)
- Monthly Energy Performance (Practical: 2 hours)
- Matching Energy Usage to Requirement (Theory: 2 hour)
- Maximizing System Efficiency (Practical: 4 hours)
- Energy Audit Instruments (Practical: 2 hours)

## Evaluation

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by theory test and practical sessions and all these are consolidated in the assessment marks and are published at the end of March 2022

## Overall Result

Score	Number of Students
<80%	25
60 – 79%	6

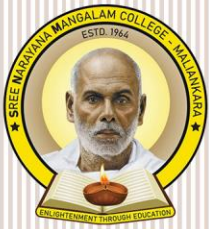
The course completion certificate is issued for the students who are completed the course successfully. There are 31 students qualified the course in the current year.

## Outcomes

Provide basic information about energy management

Gain practical knowledge about energy management

Familiarize the concept of energy auditing through practical sessions



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## Certificate course on Spoken English

### Summary Report

English enjoys the status of a global language and mastery of the language can bring a vast array of opportunities to the students. Proficiency in English and excellent communication skills enhance students' employability. Keeping in view the increasing importance of English for career purposes, the department of English has designed its certificate courses. The Certificate Course titled "Certificate Course in Spoken English" is designed as 30 hours training programme. The students will be given training in the presentation skills to enrich the English proficiency of the learners. The faculty from the department will give the classes. Content and interactive videos to enhance linguistic competency of the learners will be provided by the faculty of the department. The students' progress will be monitored and recorded from time to time. This course aims to develop students' ability to use English accurately, appropriately and fluently both for face-to-face and telephone communication in academic, social and professional situations. There were 17 students joined and completed the course this year and issued the course completion for them.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course on Spoken English	SNMCC1	30	17

Teacher in charge: Ms. Vismaya K B, Ms Arya A, Ms. Anupa Asok

### Curriculum

Module1 – 10 Hours

- Preparatory session
- Sounds and symbols in English

Module 2 – 5 Hours

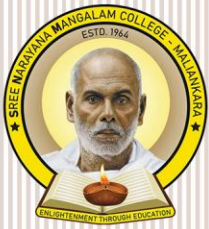
- Oral Communication
- Art of small talk

Module 3 – 5 Hours

- Face to face Conversation
- Telephone Communication

Module 4 – 10 Hours

- Role Play
- Public Speaking



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## Assessment Procedure

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students who had attained good communication skill and participated for Public speaking, role play competitions and all these are considered for the assessment marks and are published at the end of September 2022

## Overall Result

Score	Number of Students
<80%	10
60 – 79%	7

- Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of Institution and will be given to students who successfully finish the Certificate Course. There are 17 students who are recommended for course completion certificate in the current year.

## Outcome

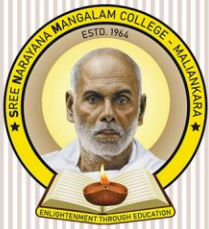
- Enhance the speaking skills of the learners by enhancing the pronunciation of the learners.
- Make the students confident enough to speak in English in various situations
- Make the learners fluent speakers of English
- Develop the students' ability to use English for performing some of the most common communicative functions in academic, social and professional situations
- Familiarizes students with the sounds of English.
- Attempts to familiarize students with the different accents.
- Attempts to improve students' spoken English
- Introduces learners to the nuances of oral communication

## Certificate course on Presentation Skill

### Summary Report

The Certificate Course titled “Certificate Course in Presentation Skills” ” is planned as 30 hours training programme offered by the Department of English. The students will be given training in the presentation skills to enrich the English proficiency of the learners. The faculty from the department will give the classes. Content and interactive videos to enhance linguistic competency of the learners will be provided by the faculty of the department. The students' progress will be monitored and recorded from time to time. The course aims to hone the ability of the students to make presentations in various settings. There are 17 students enrolled in this course in the current year. The method of assessment was conducted as per the guidelines. The students get course completion certificate at the end of the course.





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SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course on Spoken English	SNMCC1	30	17

Teacher in charge: Ms. Binsha B, Ms. Drishya Dileep

## Curriculum

### Module1 – 5 Hours

- Preparatory session
- Soft Skills for Academic Presentations

### Module 2 – 5 Hours

- Effective Communication Skills

### Module 3 – 10 Hours

- Structuring the presentation
- PowerPoint Presentation
- Tips for effective presentation

### Module 4 – 10 Hours

- Interview Skills
- Group Discussions

## Assessment Method

1. Assignments
2. Tests
3. Presentation Assessment

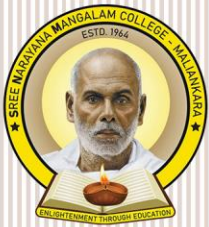
## Overall Result

Score	Number of Students
<80%	12
<70%	5

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of the Institution, IQAC co-coordinator and certificate course co-coordinator will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 17 students who were successfully completed the course in the year 2022-23.

## Outcomes

- Familiarizes students with the presentation skills
- Attempts to familiarize students with the structuring a presentation to develop their language ability
- Introduces learners to various presentations
- Attempts to improve students' presentation skills



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## **Certificate course on Human Rights Essentials: Principles and Practice**

### **Summary Report**

Educate students to recognize and interpret the nature of and need for human rights to respond to moral violations such as genocide, slavery and trafficking, torture, denial of liberty, and world poverty. Overall, studying Human Rights in college fosters responsible citizenship, a commitment to social justice, and a deeper understanding of the global community. Hence department of Economics is offered a new course Human Rights Essentials: Principles and Practice in the current year. There are 43 students enrolled in the course. The faculties of Economics department took classes according to the syllabus. The classes were conducted in the month of June & July 2022. The course completion certificate is issued for the students at the end of the course.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	<b>Human Rights Essentials: Principles and Practice</b>	<b>SNMCC20</b>	<b>30</b>	<b>43</b>

Teacher in charge: Mr. Nikhil MB, Ms. Nitha A U

### **Curriculum**

#### **Module I (10 Hours)**

- Meaning of Human Rights; Three Generations of Human Rights. ii. Ecological approach towards Human Rights. iii. The western and non-western approach towards Human Rights.

#### **Module II (10 Hours)**

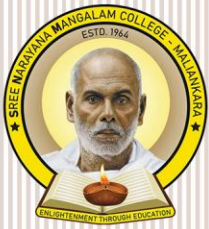
- Human rights and Environmental concerns: Environmental movements and right to life/Development Induced Displacement and the right of Tribal population. ii. Article 21 and Protection of Environment iii. Chipko movement/Appiko movements/Salient valley movements/Narmada Bachavo Andolan/Posco Agitation; Supreme Court and Polluter Pays Principle.

#### **Module III (10 Hours)**

Human Rights and United Nations – contributions, main human rights related organs UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human Rights. 2. Human Rights in India – Fundamental rights and Indian Constitution, Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

### **Evaluation**

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by theory test and practical sessions and all these are consolidated in the assessment marks and certificates were issued at the end of March 2023



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## Overall Result

Score	Number of Students
<80%	42
60 – 79%	1

The course completion certificate is issued for the students who are completed the course successfully. There are 43 students qualified the course in the current year.

## Certificate course on Fundamentals of Gender Economics

### Summary Report

The department of Economics is offered a new certificate course titled “Fundamentals of Gender Economics in the current year. The purpose of this course is to provide students with a state-of-the-art overview of the literature relating to gender differences in labor market outcomes, its origins, and evidence on policies that can help to decrease these gender differences. The course contains three themes: The first outlines some potential mechanisms behind gender inequality: discrimination, stereotypes, identity, norms, and the transition to parenthood. The second outlines research on different dimensions of gender differences and their origins. The third covers some policies and evidence of their effects. There are 50 seats allotted for this course, 49 are filled. All these students were successfully completed this course. The class has started on June of 2022 and covered the whole syllabus within one month. Assessment were conducted based on assignments, attendance and tests. About 49 students got course completion certificate of this course.

TSl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Fundamentals of Gender Economics	SNMCC21	40	49

Teacher in charge: Ms. Sreejamol, Ms. Nitha A U

### Curriculum

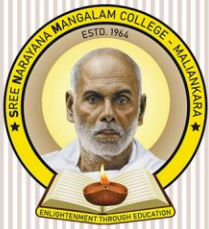
#### **Module I**

Subject and methods of gender economics -A brief history of gender economics- Gender statistics System of gender inequality factors-Gender inequality in the labour market- Inequality in the labour market: entry into and exit from the labour market, careers, wages, skills training. (10 Hours)

#### **Module II**

Economic growth and gender equality-Globalisation of the world economy and gender status Feminisation of poverty-Women’s contribution to GDP- gender dimensions of economic





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development- Gender Related Development Index- Gender Empowerment Measures-Gender Inequality Index (15 Hours)

## Module III

Demographic changes and gender status-Gender factor of demographic development. Gender shift and demographic development- gender gap in development and the problem of missing women in the Indian context -Gender policy: national, regional and global level- Gender budgets- Gender review. (15 Hours)

## Assessment

About 75% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by exams, assignment and attendance and all these are consolidated in the assessment marks and are published at the end of March 2023

## Overall Result

Score	Number of Students
<80%	16
60 – 79%	33

The course completion certificate is issued for the students who are completed the course successfully. There are 49 students qualified the course in the current year.

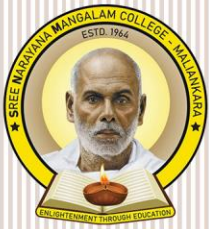
## Outcomes

- Students will be able to value sources of socio-economic and demographic information for analyzing the impact of the gender factor on demographic processes and economic development
- Ability to prepare analytical materials to evaluate measures in the area of gender policy
- Understand with the methodology of gender analysis in economic sciences and research gender analysis indicators
- Acquire the skills to conduct gender review of socio-economic and demographic development policies, programmes and strategies

## Certificate Program in Personal Finance and Savings

### Summary Report

One of the most pivotal parts of an individual's livelihood is learning about personal finance, a term used to describe how one manages their money. It essentially encompasses everything from how you earn and spend your money to how you save, invest and borrow it. Upon completion of this course, students will be able to save, protect and make much more so that



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their net worth is significantly higher in the long run. This course targets to transform the audience to a personal finance expert by the end of this course. This course is mainly allotted for the students in commerce department. No of seats are limited to 35. The portions of the syllabus were covered by the faculties of commerce department. The class started at mid week of June and end up in July. There are 35 students who were attained minimum mark for qualification and got the course completion certificate.

TSl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate Program in Personal Finance and Savings	SNMCC22	30	35

Teacher-in-charge: Dr. Krishnakumar U R, Dr. Reena T S

## Curriculum

### MODULE 1

Meaning of personal finance - Financial Literacy - Decision Making & Financial Goals - financial success - financial events do people have to concern in their lives - difference between needs and wants - Budgeting -functional budget - track spending. Kakeibo method (Japanese model of savings) - 5Cs of credit - various savings tools that people can use. (10 Hrs)

### MODULE 2

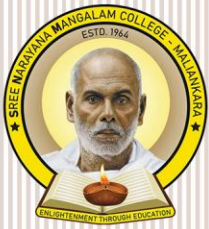
History and psychology behind excessive debt - various sources of credit - cost of credit - benefits of using credit - ways one can responsibly use credit - difference between saving and investing - relationship between risk and reward - outside factors can influence the markets – bankruptcy – Management of home loan. (10 Hrs)

### MODULE 3

Insurance – needs of insurance - meaning of risk - protect yourself from risk -meaning of insurance - types of insurance - different types of risk - how do insurance needs change throughout the life cycle– tax benefit of insurance and mutual fund (briefing of 80 c deduction of income tax Act)

## Assessment Procedure

About 75% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by exams, assignment and attendance and all these are consolidated in the assessment marks and are published at the end of March 2023



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## Overall Result

Score	Number of Students
<80%	16
60 – 79%	29

The course completion certificate is issued for the students who are completed the course successfully. There are 35 students qualified the course in the current year.

## Course Outcome

- Generate awareness about the mode of personal finance and its application
- Develop thrift and savings among the students

## Certificate Program in Business Skill Development

### Summary Report

Business skills are competencies that help people understand consumer habits and organizational behavior so they can use this information to promote the success of the company. Business skills typically qualify as soft skills and may include leadership and communication skills. Business Skills Certificate program provides essential business skills to advance the business skill aptitude of students. Learn business communication, leadership, critical thinking, problem solving, and more skills to help the students to succeed in their life. There are 35 students who were enrolled in the program in this year. The faculties were arranged the classes and conducted evaluation for the certificate course. All the students got course completion certificate in the year 2022.

qualification and got the course completion certificate.

TSl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate Program in Business Skill Development	SNMCC23	30	35

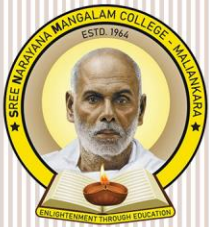
Teacher-in-charge: Dr. Krishnakumar U R, Dr. Reena T S and Ms.Theertha Joy

## Curriculum

### MODULE-1

Basic concepts and forms of business organisation - method of raising finance-Stock exchanges and its operation – Marketing of products -Advertising -Banking -Business risk and insurance. (10 Hrs)





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## MODULE-2

Business communication -Barriers of communication - Methods of improving business communication-Choosing to become an entrepreneur -Setting up small business development - Legal requirements of small business -Ease of doing business index – make in India initiatives in India. (10 Hrs)

## MODULE-3

Sources of business ideas-Opportunity recognition Idea evaluation- entrepreneurial outlookCustomer insight-ideas development -Industry and competition analysis -Ideas of start-ups – creativity and entrepreneurship – steps in creativity – innovations and inventions 10 Hrs)

The class has started on 15<sup>th</sup> of June 2022 and the syllabus was covered by three faculties of the commerce department. Timing are arranged in the evening time 3.30 to 4.40.

### Assessment Procedure

The upkeep of the Attendance and Assessment Records for students who have enrolled for this course is the responsibility of the faculty member conducting the course. The sheets have information about the students' attendance and the percentage of marks is based on their internal assessments- conduct of assignments and seminars.

About 75% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by exams, assignment and attendance and all these are consolidated in the assessment marks and are published at the end of March 2023

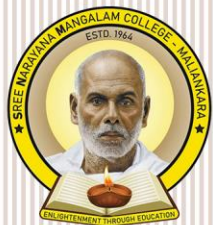
### Overall Result

Score	Number of Students
<80%	10
60 – 79%	25

The course completion certificate is issued for the students who are completed the course successfully. There are 35 students qualified the course in the current year.

### Course Outcome

Generate awareness and skill as regards business skills and expertise  
Develop business attitude among students



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## Certificate Course on Industrial Chemistry

### Summary Report

Our daily need is industry based. We cannot move a single step without the chemistry and industry. We need food which is based on Agricultural industry. We need shelter which is based on industry. What we use for 24 hours each day are coming from industry. So we must have knowledge about industrial chemistry. It is envisaged that professionally qualified graduates with a sound knowledge and expertise in the discipline, Industrial Chemistry will have more openings in service, industry and self-employment sectors. So Department of chemistry is offered a new course on **Industrial Chemistry**, which are mainly focused for degree and post graduate degree students from chemistry. There were 39 students who were enrolled the course and various assessment process, the certificate course is evaluated. The students who were qualified the course were issued course completion certificate.

TSL.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate Course on Industrial Chemistry	SNMCC24	30	39

Teacher-in-charge: Dr. Resmi V C, Ms. Preena N, Dr. Gayathri T H

### Curriculum

#### **Module I**

Agro Based Chemicals Chemistry of Pesticides and fertilizers (6 Hours)

#### **Module II**

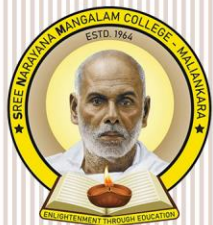
Drug Industry-Classification of drugs - Analgesics, Antipyretics, Antihistamines, Antacids, Antibiotics and Antifertility drugs with examples. Psychotropic drugs with examples. Drug addiction and abuse. Prevention and treatment. (6 Hours)

#### **Module III**

Food Industry- Food additives – definition. Preservatives, Food colours - permitted and non-permitted, Toxicology. Flavours - natural and synthetic. Artificial sweeteners, Emulsifying agents, Antioxidants, Leavening agents and Flavour enhancers. (6 Hours)

#### **Module IV**

Cosmetic Industry- Introduction. General formulation of different types of cosmetics - Dental cosmetics, Shampoos, Hair dyes, Skin products (creams and lotions, lipstick, perfumes, deodorants and antiperspirants), Bath oil, Shaving cream and Talcum powder. Toxicology of cosmetics. (6 Hours)



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## Module V

Plastic Industry - Plastics in everyday life. Plastics and Polymers. Classification of polymers. Brief idea of polymerization. Environmental hazards of plastics. Biodegradable plastics. Recycling of plastics. (6 Hours)

The classes were started in the month of June. Faculties of chemistry department were taken the classes for the course without disturbing the regular working time.

### Outcomes

- The programmes are designed to ensure that graduates who pass out after completing the courses would have knowledge, skills and aptitude for gainful employment in the wage sector in general and self-employment in particular.
- Students expertise in the concerned skill will have more opening in service, industry and entrepreneurship development.
- The certificate course is shaped and oriented to make the most relevant and career oriented with focus on quality and excellence.

### Assessment Procedure

The upkeep of the Attendance and Assessment Records for students who have enrolled for this course is the responsibility of the faculty member conducting the course. The sheets have information about the students' attendance and the percentage of marks is based on their internal assessments- conduct of assignments and seminars.

About 75% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by exams, assignment and attendance and all these are consolidated in the assessment marks and are published at the end of March 2023

### Overall Result

Score	Number of Students
<80%	19
60 – 79%	20

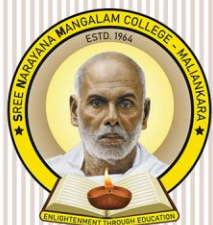
The course completion certificate is issued for the students who are completed the course successfully. There are 39 students qualified the course in the current year.

## Certificate course on Health and Hygiene

### Summary Report

The department of chemistry is offered a new certificate course in this year titled “Health and Hygiene”. The course is designed to provide a complete guidance on health and hygiene systems, guidelines for implementing and role of government and public in maintaining a





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healthy life. At the end of the course the student shall be able to understand – the importance of health and hygiene in life, the importance of nutrition for a healthy life , different health care programmes of India, basic concept of health impact assessment as a means of assessing the policies, plans and projects using quantitative and qualitative techniques, importance of community and personal health & hygiene measures, Importance of food, social tenets, mental condition, physical activity on health. There were 19 students were enrolled out of 25 seats. The classes were conducted in the month of June and completed at the end of July. The faculties of chemistry department were conducted assessments and recommended the students who were qualified the course. There 19 students who got the course completion certificate in the year 2023.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course on Health and Hygiene	SNMCC25	30	19

Teacher-in-charge: Dr. Resmi V C, Ms. Preena N, Dr. Gayathri T H

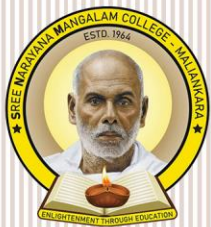
## Curriculum

### Module I (10 hour)

1. Nutrition – definition, importance, Good nutrition and mal nutrition; Balanced Diet: Basics of Meal Planning 2. Carbohydrates –functions, dietary sources, effects of deficiency. 3. Lipids –functions, dietary sources, effects of deficiency. 4. Proteins –functions, dietary sources, effects of deficiency. 5. Brief account of Vitamins- functions, food sources, effects of deficiency. 6. Macro and micro minerals –functions, effects of deficiency; food sources of Calcium, Potassium and Sodium; food sources of Iron, Iodine and Zinc 7. Importance of water– functions, sources, requirement and effects of deficiency.

### Module II (10 hour)

8. Health - Determinants of health, Key Health Indicators, Environment health & Public health; Health Education: Principles and Strategies 9. Health Policy & Health Organizations: Health Indicators and National Health Policy of Govt. of India-2017; Functioning of various nutrition and health organizations in India viz., NIN (National Institution of Nutrition), FNB (Food and Nutrition Board), ICMR (Indian Council of Medical Research), IDA (Indian Dietetics Association),WHO-India, UNICEF-India 10. National Health Mission: National Rural Health Mission (NRHM) Framework, National Urban Health Mission (NUHM) Framework 11. Women & Child Health Care Schemes: Reproductive, Maternal, Newborn, Child and Adolescent Health (RMNCH+); Janani Shishu Suraksha Karyakaram (JSSK); Rashtriya Bal Swasthya Karyakram(RBSK); India Newborn Action Plan (INAP); Adolescent Health- Rashtriya Kishor Swasthya Karyakram (RKSK) 12. Disaster Management – Containment, Control and Prevention of Epidemics and Pandemics – Acts, Guidelines and Role of Government and Public



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## Module III (10 hour)

13. Hygiene – Definition; Personal, Community, Medical and Culinary hygiene; WASH (Water, Sanitation and Hygiene) programme 14. Rural Community Health: Village health sanitation & Nutritional committee (Roles & Responsibilities); About Accredited Social Health Activist (ASHA); Village Health Nutrition Day, Rogi Kalyan Samitis 15. Community & Personal Hygiene: Environmental Sanitation and Sanitation in Public places 16. Public Awareness through Digital Media - An Introduction to Mobile Apps of Government of India: NHP, Swasth Bharat, No More Tension, Pradhan Mantri Surakshit Manritva Abhiyan (PM Suman Yojana), My Hospital (Mera aspataal), India fights Dengue, JSK Helpline, Ayushman Bhava, Arogya Setu, Covid 19AP

## Assessment Procedure

The upkeep of the Attendance and Assessment Records for students who have enrolled for this course is the responsibility of the faculty member conducting the course. The sheets have information about the students' attendance and the percentage of marks is based on their internal assessments- conduct of assignments and seminars.

About 75% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by exams, assignment and attendance and all these are consolidated in the assessment marks and are published at the end of March 2023

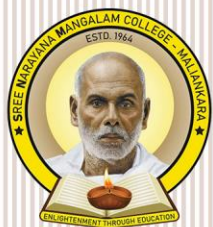
## Overall Result

Score	Number of Students
<80%	19
Below 80%	0

The course completion certificate is issued for the students who are completed the course successfully. There are 19 students qualified the course in the current year.

## Outcomes

- Provide knowledge on different health indicators and types of hygiene methods
- Impart knowledge on different health care programmes taken up by India
- Enable student with disaster mitigation strategies
- Create awareness on community health and hygiene
- Enrich knowledge on communicable and non-communicable diseases and their control
- Aware the student on the importance of food, social strategies, mental status and physical activities on health
- Introduce different community-based mobile apps on health to student and thereby to the community



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## Certificate course on Scientific Methods in Research

### Summary Report

The department of chemistry is offered a certificate course on Scientific Methods in Research in the current year. The aim of this course is to provide students with the body of theoretical knowledge and practical skills of scientific work. The course consists of three parts. The first part covers general introduction to methodology of scientific research, including the topics on the principles of science and scientific research and basic concepts and principles of scientific creative work. The second part focuses on the logic of realising the scientific work, elaboration of the model of research, methods of research, and techniques of thesis defense. The third part focuses on the reference sources and ethics in research. There were 41 student were joined the course. The faculties of chemistry department took the syllabus and completed the course in the month of July. About 41 students who got course certificate after successful completion of this certificate course.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course on Health and Hygiene	SNMCC26	30	41

Teacher-in-charge: Dr. Resmi V C, Ms. Preena N, Dr. Gayathri T H

### Curriculum

#### **Module I (10 hour)**

Basic concepts of research -Meaning, Objectives, Motivation and Approaches. Types of Research Research Process. Defining and formulating the research problem, Selecting the problem and necessity of defining the problem. Literature review - Importance of literature review in defining a problem, Critical literature review. Research Design Basic principles, Meaning, Need and features of good design. Types of research designs. Development of a research plan Exploration, Description, Diagnosis, Experimentation, determining experimental and sample designs.

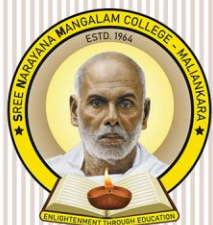
#### **Module II (10 hour)**

Structure and components of Scientific Reports - types of Report - Technical Reports and Thesis/dissertations. Preparing Research papers for journals, Seminars and Conference. Impact factor, Citation Index, h-index. DOI ISBN & ISSN. Citation styles, bibliography, referencing and foot notes. Presentation techniques

#### **Module III (10 hour)**

Sources of Information - Primary and secondary sources. Online resources- Networking platforms for researchers - Academia, Research Gate. Ethics in research Plagiarism, Plagiarism checking software





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The class started in the month of June and ended up in July.

## Assessment Procedure

In this course, exams are conducted in practical and theory mode. The students who can prepare sample paper as part of project is qualifying the course and marks given to the students based on attendance of the class. Here above 60% attendance is mandatory for getting Course Completion

## Evaluation

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are actively participating medical camps and all these are considered for the assessment marks and are published at the end of May 2021

## Overall Result

Score	Number of Students
<80%	23
60 – 79%	18

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of Institution and will be given to students who successfully finish the Certificate Course. There are 41 students who are recommended for course completion certificate in the current year

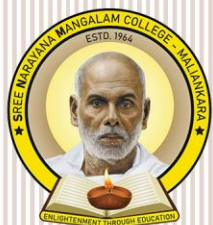
## Outcomes

- Understand different scientific research designs and methods
- Learn how to set up a research study
- Understand correct ways to refer to and cite from scientific literature
- Write or present a scientific report and research proposal by adopting copyright based ethical values

## Certificate course on Scientific Computing Using Python

### Summary Report

Scientific Computing using Python is a comprehensive certificate course that introduces participants to the fundamental concepts and practical applications of Python programming in the field of scientific computing. The course focuses on leveraging Python's versatility and popular libraries, such as NumPy, SciPy, and Matplotlib, to perform numerical computations, data analysis, and visualization for scientific purposes. Participants will gain hands-on experience and develop essential skills required for scientific computing using Python. So the department of Mathematics is offered a new course on Scientific Computing Using Python in this year. There were 35 seats allotted for this course and all the seats are filled. Faculties of mathematics department were took class for this course. This mainly focused for PG students



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who will move on to research. The Syllabus is completely covered and exams are conducted for this course. After the assessment 35 students were issued course completion certificate.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Scientific Computing Using Python	SNMCC27	30	35

Teacher-in-charge: Mr. Ajan K SA, Dr. Neelima C A, Ms. Ninu S lal

## Curriculum

### **Module 1:**

Introduction to Python Programming (4 hours) Introduction to Python as a programming language for scientific computing Basic syntax and data types in Python Variables, loops, and conditional statements Functions and modules in Python Introduction to Jupyter Notebook for interactive coding

### **Module 2:**

Numerical Computing with NumPy (8 hours) Introduction to NumPy and its importance in scientific computing NumPy arrays: creation, manipulation, and indexing Mathematical operations with NumPy arrays Linear algebra with NumPy Array broadcasting and vectorization NumPy functions for statistics and random number generation

### **Module 3:**

Scientific Computing with SciPy (10 hours) Introduction to the SciPy library and its modules Numerical integration and optimization with SciPy Solving linear and nonlinear equations with SciPy Statistical analysis with SciPy Signal processing using SciPy Image processing and manipulation with SciPy

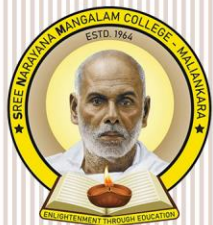
### **Module 4:**

Data Analysis and Visualization with Matplotlib (8 hours) Introduction to data analysis in Python Data manipulation with Pandas library Data visualization using Matplotlib Creating line plots, scatter plots, histograms, and bar plots Customizing plots with labels, titles, and legends Creating subplots and multiple plots

### **Module 5:**

Project Work (2 hours) Participants will work on a project applying the concepts learned throughout the course They will analyze and visualize scientific data using Python libraries Participants will present their projects to the class, sharing their findings and experiences

**Note:** The course outline is subject to customization and adjustment based on the specific requirements and pace of the participants.



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**Assessment:** Regular in-class exercises and quizzes to gauge understanding and progress. Completion of a project demonstrating the application of Python in scientific computing. Overall participation and engagement in class activities and discussions.

**Prerequisites:** Basic understanding of programming concepts would be beneficial. Familiarity with mathematical and scientific concepts will be advantageous, although not mandatory.

**Certificate:** Upon successful completion of the course and assessment criteria, 35 student were awarded a certificate in Scientific Computing using Python

## Outcome

- Understand the basics of Python programming language and its significance in scientific computing. Familiarize participants with the NumPy library for efficient numerical computations.
- Explore the SciPy toolbox for various scientific computing tasks.
- Learn data analysis techniques using Python.
- Develop skills for scientific data visualization using Matplotlib.
- Gain practical experience through hands-on exercises and projects.

## Certificate course Basics in Libre Office

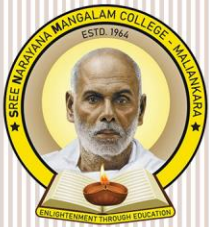
### Summary Report

The department of Mathematics is offered a certificate course on Basics of LibreOffice, e is a comprehensive certificate course that aims to provide participants with a solid foundation in using the LibreOffice suite of office productivity software. LibreOffice, being a free and open-source alternative to proprietary office suites, offers a range of programs for word processing, spreadsheets, presentations, diagrams, drawings, databases, and mathematical formulae. This course will focus on the key components of LibreOffice, including LibreOffice Writer, LibreOffice Calc, LibreOffice Impress, and LibreOffice Draw. Participants will learn essential skills to create, edit, and format documents, spreadsheets, presentations, and drawings using the LibreOffice suite. There are 26 students from mathematics department enrolled the course in the current year. These students were gone through practical session of Libre office. The faculties were taken classes' according to the syllabus. Assessment is done and issue certificate for 26 students.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Basics in Libre Office	SNMCC28	30	26

Teacher-in-charge: Dr. Neeliama C A, Ms. Sreejamol, Mr.Ajan K A





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## Curriculum

### **Module 1:**

Introduction to LibreOffice (2 hours)

Overview of LibreOffice and its advantages as a free and open-source office suite  
Introduction to the key programs in LibreOffice: Writer, Calc, Impress, and Draw  
Exploring the user interface and navigating through the LibreOffice applications  
Customizing LibreOffice to suit personal preferences

### **Module 2:**

LibreOffice Writer (10 hours)

Creating, saving, and opening documents in LibreOffice Writer  
Text formatting: font styles, sizes, colors, alignment, and indentation  
Working with paragraphs: line spacing, bullets, numbering, and styles  
Page layout and formatting: margins, page size, headers, footers, and page numbering  
Working with tables, images, and hyperlinks in Writer  
Spell checking, grammar checking, and other writing aids  
Printing and exporting documents in different formats

### **Module 3:**

LibreOffice Calc (10 hours)

Creating, saving, and managing spreadsheets in LibreOffice Calc  
Working with cells: data entry, formatting, and basic formulas  
Data manipulation: sorting, filtering, and conditional formatting  
Creating charts and graphs to visualize data  
Using functions and formulas for calculations  
Data analysis and basic statistical operations in Calc  
Printing and exporting spreadsheets

### **Module 4:**

LibreOffice Impress (4 hours)

Creating, saving, and managing presentations in LibreOffice Impress  
Working with slides: adding, deleting, and rearranging slides  
Applying themes, styles, and templates to presentations  
Inserting text, images, shapes, and multimedia elements in slides  
Transition effects and animations for visual appeal  
Slide show settings and delivery options  
Printing and exporting presentations

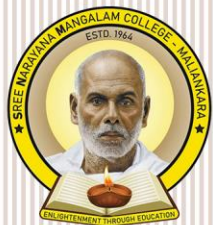
### **Module 5:**

LibreOffice Draw (4 hours)

Introduction to LibreOffice Draw for creating diagrams and drawings  
Drawing shapes, lines, and objects  
Working with layers and arranging elements  
Inserting images, text boxes, and connectors  
Applying formatting and styles to drawings  
Printing and exporting drawings

### **Assessment:**

Regular in-class exercises and quizzes to gauge understanding and progress.



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Completion of hands-on assignments to demonstrate proficiency in using LibreOffice applications. Overall participation and engagement in class activities and discussions.

## **Prerequisites:**

Basic computer literacy and familiarity with the Windows or Linux operating system.

No prior knowledge of Libre Office is required.

**Certificate:** Upon successful completion of the course and assessment criteria, 26 student were awarded a certificate in Basics of LibreOffice.

## **Outcome**

- Understand the purpose and features of the LibreOffice suite.
- Learn the basics of word processing using LibreOffice Writer.
- Develop skills in creating and managing spreadsheets with LibreOffice Calc.
- Gain proficiency in creating and delivering presentations using LibreOffice Impress.
- Explore the functionalities of LibreOffice Draw for creating diagrams and drawings.
- Apply formatting and styling techniques to enhance the visual appeal of documents, spreadsheets, presentations, and drawings.
- Familiarize participants with advanced features and customization options available in LibreOffice.
- Develop practical skills through hands-on exercises and projects

## **Certificate course on Advanced Polymer Science**

### **Summary Report**

The department of Chemistry is offered a new certificate course on Advanced Polymer Science, this course will educate the students on the subject of polymers that constitute one of the most important materials used presently. The course will include fundamentals of synthesis, characterization, properties and also include discussion on the applications of polymers. The goal of this course is to provide students with an introduction to the various methods and techniques of polymerization reactions, their chemistry, mechanism, structures, properties and applications. This course is for chemistry students, 32 students were joined the course in the current year.

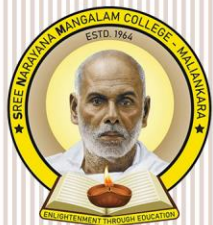
SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Advanced Polymer Science	SNMCC29	30	32

Teacher-in-charge: Ms. Preena N and Ms. Anusree K U

### **Curriculum**

#### **Module I**

General- Introduction to polymers , classification of polymers on the basis of source, elemental composition, heat, pressure, chemical reactivity, chemical/monomer composition, geometry and stereo regularity. Nomenclature of polymers. (6 Hours)



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## Module II

Mechanism of polymerization- Definition of polymerization, factors affecting on polymerization, Addition polymerization (free radical, ionic and co-ordination polymerization). Condensation and Ring opening polymerization. Redox and Living radical polymerization. (7 Hours)

## Module III

Engineering Polymers: Unsaturated polyester resin, Epoxy resins, phenolic resins, Aminoresins, Alkyds. Properties and applications of engineering polymers: Nylons, polyesters, PAN, PC, PU, ABS, Polyacrylates and allied polymers, Fluoropolymers, (5 Hours)

## Module IV

Polymer molecular weight: Importance of molecular weight control. Arithmetic mean-molecular weight, Weight average molecular weight,  $M_w$ , number –average molecular weight,  $M_n$  and viscosity average molecular weight  $M_v$ . Molecular weight distribution and its importance from the point of applications.(7 Hours)

## Module V

Physical properties of polymers in relation to chemical structure: volumetric properties- volume and density, thermal expansion, calorimetric properties- heat capacity, enthalpy, and entropy. (5 Hours)

### Assessment procedure

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by theory test and practical sessions and all these are consolidated in the assessment marks and certificates were issued at the end of March 2023

### Overall Result

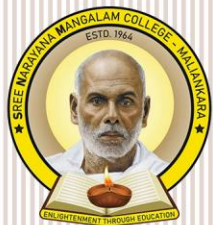
Score	Number of Students
<80%	22
60 – 79%	10

The course completion certificate is issued for the students who are completed the course successfully. There are 32 students qualified the course in the current year

### Outcome

- Students will be able to understand Different kind of polymers and their properties
- Acquire the skills to explains factors like nature of monomer, type of initiator, emulsifiers etc. to produce polymer of desired physical form.
- Understand Analyze the various recycling methods used for thermosets, thermoplastic and rubbers waste.





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- Students will be able to understand Properties and applications of engineering polymers. Learn preparation of thermoplastic polymers Learn preparation of thermosetting polymers

## Certificate course on Commercial Plant Production Techniques

### Summary Report

The department of Botany offered a certificate course on Commercial Plant Production Techniques. The purpose of this course is to enlighten the knowledge on various commercial plant production techniques. Plant propagation is the skillful integration of science and art. Through commercial nurseries, basic knowledge and expertise might be a greater source of revenue. It aids in the conservation of plant species and the preservation of endangered (extinct) species. Various propagation techniques have been devised with the goal of achieving crop uniformity, early bearing, higher production, resistance to pests and diseases, and introducing specific characteristics into subsequent generations. These goals have made plant propagation both interesting and difficult. The most popular artificial propagation methods include budding, layering, grafting, and budding, all of which need specialised ability and varies in different plants. Growing of tissues in controlled conditions is an advance and recent method of vegetative propagation. It is known as 'tissue culture'. It is a highly specialised technique of propagation. By using this technique, a large number of true-to-type virus-free saplings can be produced in a short span. There were 16 students were enrolled in the course. This course is for PG students of Botany Department. The class were started in the month of August and completed within one month. The faculties of Botany department were took classes without affecting regular working times. The student who were completed the course were got course completion certificate.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Commercial Plant Production Techniques	SNMCC30	38	16

Teacher-in-charge: Ms. Thushara VS, Dr. Baiju E C, Dr. MG Sanilkumar

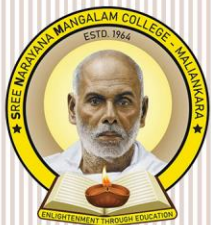
### Curriculum

#### **Module I**

Vegetative propagation - advantages and disadvantages. Natural methods of vegetative propagation. Artificial methods – budding, grafting and layering. Budding- Shield budding, Ring budding and Patch budding (Theory – 2 hrs; Practical- 7 hrs)

#### **Module II**

Grafting- Principles and techniques of grafting; Types- Veneer grafting, Side grafting, Wedge or cleft grafting (Theory – 2 hrs; Practical- 7 hrs)



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## Module III

Layering- Principles and techniques of layering. Types- Simple layering, Compound layering or Serpentine layering, Air layering. Familiarization of common garden tools and implements (Theory – 4 hrs; Practical- 8 hrs)

## Module IV

Plant tissue culture- Concept of totipotency, infrastructure of a tissue culture laboratory, Solid and liquid media – composition and preparation, Sterilization techniques, Explant-inoculation and incubation techniques, Stages of micropropagation- hardening and transplantation. Packaging and transportation of tissue culture regenerated plantlets Theory – 2 hrs; Practical- 6 hrs)

In this course, exams are conducted in practical and theory mode. The students who can do attained pass mark of 60% in both theory and practical is qualifying the course and marks given to the students based on attendance of the class. Here above 90% attendance is mandatory for getting Course Completion

## Evaluation

About 90% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated through test, assignments, seminar and all these are considered for the assessment marks and are published at the end of September 2022

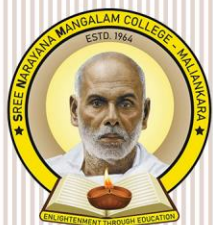
## Overall Result

Score	Number of Students
<80%	16
60 – 79%	0

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of the Institution. The course completion certificate is recommended for 16 students who were successfully completed the course in the year 2022-23

## Outcomes

- ✓ Provide basic information about the business opportunities in plant sciences.
- ✓ Understand the propagation and cultural practices of useful vegetable, fruit and garden plants
- ✓ Understand the methods of crop improvement
- ✓ Hands on training will be provided in budding, grafting, layering and tissue culture techniques



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## Certificate course on Research Methodology

### Summary Report

The department of Botany offered a certificate course on Research Methodology. The course covers all the conceptual and methodological issues that cater successful conduction of research. The content of course includes techniques of research, IPR, literature review, main texts of research work, preparation of project proposal etc.. It will enable the researchers to build up the most suitable methodology for their research studies. The mission of the course is to teach research skills to the beginners and assist to improve the quality of research. It also provides a detailed plan that helps to keep researchers on track, making the process smooth, effective and manageable. There were 53 students were enrolled in this course. The course is devoted to final year students of UG and PG of Botany. The three teaching faculties were taken classes of this course. The class started in August, and covered whole syllabus, assessment were done as per the guidelines. There were 53 students who were completed the course got the certificate of this course.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Research Methodology	SNMCC31	32	53

Teacher-in-charge: Ms. Thushara VS, Dr. Baiju E C, Dr. MG Sanilkumar

### Curriculum

#### **Module I**

Introduction to Research Methodology- Principles, goals, and techniques of research, stages of research; generation of a research problem, execution of work; interpretation of results - analysis of data, interpretation and conclusions. (Theory – 2 hrs)

#### **Module II**

Intellectual Property rights- Patent, copyright, trademarks (Theory – 7 hrs)

#### **Module III**

Literature review- Journals-indexing journals, abstracting journals, research journals, review journals, e- journals. Impact factor of journals; h-Index; NCBI, PubMed, Medline; books, bibliographic tools (Theory – 7 hrs)

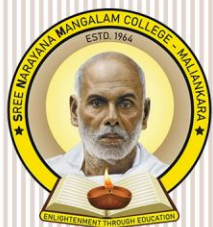
#### **Module IV**

Preparation of research report- (IMRAD-System)- Introduction, Materials and methods, results, discussion, bibliography (Theory – 8 hrs)

#### **Module V**

Preparation of project proposal- KSCSTE proposal model, statistical tools. PowerPoint presentation (Theory- 8 hrs)





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## Module VI

Analysis and derivation from a problem to research (Practical: 6hrs)

## Evaluation

About 90% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are writing research papers and all these are considered for the assessment marks and are published at the end of March 2023

## Overall Result

Score	Number of Students
<80%	43
60 – 79%	10

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of the Institution. The course completion certificate is recommended for 53 students who were successfully completed the course in the year 2022-23

## Outcome

- Promote scientific temper by learning research methodology
- Equip the students to conduct independent research and prepare research reports.
- Make the students acquaint with different tools and techniques used in research work

## Certificate Course in Value Education

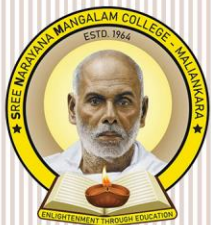
### Summary Report

The Certificate course on Value Education is offered at the department of Commerce in the year 2022. Value-based education places an emphasis on helping students develop their personalities so they can shape their future and deal with challenges with ease. It shapes students to effectively carry out their social, moral, and democratic responsibilities while becoming sensitive to changing circumstances.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Value Education	SNMCC04	30	58

Teacher-in-charge: Dr. U R Krishnakumar, Ms. Theertha Joy and Ms. Reena T S

There are 120 students were registered in the course, and the department is tried to accommodate as many as students with seat of 100. All the seats were filled in the current year. The class is divided into two batches. In the month of January, after the commencement of first year class, the certificate course class started. Two sessions were arranged by the faculties. One in the morning time 8.30 to 9.30 am and another was in the afternoon 3.30 to 4.30 pm.



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## Curriculum

### Module 1

Overview and Perspectives of Value Education- Value Education – Definition – Objectives - Concept of Human Values - Family Values – Aesthetic Values – Ethical Values– Spiritual Values- Self-Discipline – Self-Confidence - Self-Initiative – Self-awareness –Empathy– Compassion-Honesty and Courage - Leadership qualities -Personality Development. (10 Hours)

### Module 2

Socio-Psychological aspects of Value Education – Psychological parameters of value education (Individual Approach and Group Approach) - Social interaction and human values - Value Development through Social Institutions: Family & Neighborhood – College and Peer - Role of Parents - Influence of Media on Value Development . (10Hours)

### Module 3

Value Development and Life skill Education – Value Models – Value Identification – Value Integration – Value Transaction - Character and personality - ICT and value development – ICT use and abuse – Generating awareness: Minimizing the abuse of ICT – Life skills and their importance.

## Assessment Procedure

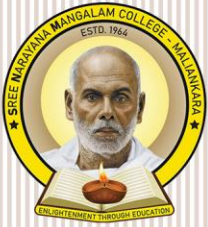
To track attendance and syllabus coverage, the data must be given once per month by the Head of department of Commerce. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in these courses and is mandatory.

About 60% of the course's stipulated marks will be required to pass this certificate course. In this course, students are evaluated by tests, assignments and all these are considered for the assessment marks and are published at the end of April 2022.

## Overall Result

Score	Number of Students
<80%	57
60 – 79%	1

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by Principal, Certificate, IQAC co-coordinators and will be given to students who successfully finish the Certificate Course. The course completion certificate is recommended for 58 students who were successfully completed the course in the year 2022-23.



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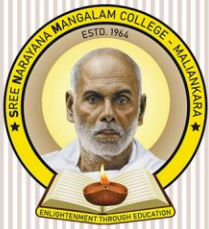
## Course Outcome

1. Generate awareness and interest for inculcating positive values among students and the community
2. Develop awareness and societal responsibility among students



Head of the Institution





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## Certificate course on Civil Liberties: Indian Perspectives

### Summary Report

The department of Commerce self financing wing is offered a course Civil Liberties: Indian Perspectives in the current year. The objective of course on “Civil Liberties – Indian Perspective” would typically be to provide students with a comprehensive understanding of Human Rights Principles, Concepts, and issues within the context of India. This course would aim to explore how human rights are interpreted, protected, and promoted in the Indian legal and social framework. By the end of the course, students should ideally have a well-rounded understanding of the Human Rights landscape in India, including its historical, legal, cultural and social dimensions, and be equipped to engage thoughtfully with human rights issues in both theoretical and practical context. In this year 143 students from BBA, Finance and Taxation, Computer Application and Office Management and Secretarial Practice were enrolled in the course. There are five faculties in each section were divided the students into five batches and classes were conducted online and offline mode. Assessment is done through exams and assignments. The students who were attained the minimum requirement got the course completion certificate.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Civil Liberties: Indian Perspectives	SNMCC32	30	143

Teacher-in-charge: Ms. Resmi V D, Ms. Seaju C S, Mr.Ajeesh Bose, Nikhil B, Ms. Krishnapriya

### Curriculum

#### **Module I**

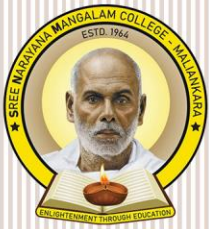
An introduction to Human rights, Evolution of the Idea- Meaning, concept and development - History of Human Right- different Generations of Human rights- classification of Human right. Basic International Human rights documents-UDHR, ICCPR, ICESCR - value dimension of Human Right. (5 Hours)

#### **Module II**

The Universal Declaration of Human Rights; human rights and Democracy; human rights and Globalization Role of UN secretariat- The Economic and social council-The commission of Human Rights-The committee on the elimination of Racial Discrimination- The committee on the elimination of discrimination against women, social and cultural rights. (6 Hours)

#### **Module III**

Human Rights and duties in India- The constitutional frame work; Basic Features of the Constitution of India Fundamental Rights-Right to Equality, Right to freedom –Right to life-freedom of Religion- Right of minorities-Right to Constitutional Remedies. Directive Principles of State Policy and Fundamental Duties. (9 Hours)



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## Module IV

Dimensional Aspects of Human Rights- Human Rights of special category; Rights of the Women- Rights of the Children- -Prisoners- Rights of Minorities Scheduled caste and Tribes. (5 Hours)

## Module V

Protection of Human Rights in India: National Human Rights Commission 1993- State Human Right Commission – Human Right Awareness in Education-Role of NGOs. (5 Hours)

## Evaluation

About 60% of the course's stipulated marks will be required for attendance to pass this certificate course. In this course, students are evaluated by exams, assignments and seminars and all these are considered for the assessment marks and are published at the end of February 2023

## Overall Result

Score	Number of Students
<80%	123
60 – 79%	20

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of the Institution. The course completion certificate is recommended for 143 students who were successfully completed the course in the year 2022-23

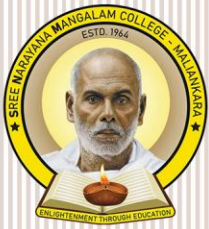
## Outcome

- Understand the historical growth of the idea of Human Rights.
- Demonstrate an awareness of International context of Human Rights.
- Display a good understanding of the nature and scope of special legislation dealing with protection of Human rights.
- Reflectively evaluate the effectiveness of human rights practice on local, national or international humanitarian efforts.
- Create awareness to become an enlightened citizen with commitment to deliver one's responsibilities within the scope of bestowed rights and privileges.

## Certificate course on Soft Skill Development

### Summary Report

Learning Objective Today's World is all about relationship, communication and presenting oneself, one's ideas and the company in the most positive and impactful way. This course intends to enable students to achieve excellence in both personal and professional life. The department of Commerce self financing wing is offered a course on Soft Skill Development



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in the current year. There were 170 students joined the class and faculties from commerce department taken classes at Saturdays without disturbing working hours. There were conducted exam at the end of the course. There are programs and competitions as part of this course. The students who were successfully completed the course got course completion certificate.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Soft Skill Development	SNMCC33	35	170

Teacher-in-charge: Ms. Komal, Ms. Divya K Mani, Mr.Ajeesh Bose, Nikhil B, Ms. Krishnapriya

## Curriculum

### Unit I

Know you/Understanding self Introduction to Soft Skills – Self discovery-Developing positive attitude- Improving perceptions- Forming values. (8 Hours)

### Unit II

Interpersonal Skills/ Understanding Others Developing interpersonal relationship- Team building – group dynamics- Net working – Improved work relationship (7 Hours)

### Unit III

Communication skills/ Communication with others Art of listening – Art of reading- Art of speaking- Art of writing – Art of writing e-mails- e-mail etiquette (5 Hours)

### Unit IV

Corporate Skills/ Working with Others Developing body language- practicing etiquette and mannerism- Time management- Stress management

### Unit V

Selling self/ Job Hunting Writing resume/ CV- interview skills- group discussion- mock interview- Mock GD- Goal setting- Career planning (10 Hours)

**Assessment Methods:** Assignments, Tests, Speech Assessment

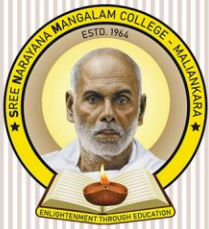
In this course, 75% above attendance is mandatory for the course. 20 % is given for the interpersonal skills. 5% is to Mock test for resume. The Mock Interview, Debate completion is conducted as part of this course.

## Overall Result

Score	Number of Students
<80%	99
<70%	71

Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Head of the Institution, IQAC co-coordinator and certificate course co-coordinator will be given to students who successfully finish the





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Certificate Course. The course completion certificate is recommended for 170 students who were successfully completed the course in the year 2022-23.

## Outcomes

- Provide students a comprehension of what industry expects.
- Increase students' employment skills.
- Close the skills gap and prepare students for the workplace

## Certificate course on Statistical analysis using SPSS

### Summary Report

The “Statistical Analysis Using SPSS” course conducted by department of statistics offers a comprehensive exploration of data analysis through the lens of the SPSS software. Covering essential topics such as data entry, manipulation and visualization. Participants will master techniques in data interpretation, learn to navigate ethical considerations and develop critical skills for effective decision making. With real world applications, case studies and hands on projects, this course equips learners to confidently interpret and communicate analysis results while fostering a deep understanding of statistical concepts and SPSS functionality. This course is advanced level certificate course and so the completed given to the integrated PG students in statistics. There were 6 students joined the course in this year. They were completed the course with required marks for qualification. The faculties from statistics conducted the course successfully with full coverage of syllabus and conducted proper assessment.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Soft Skill Development	SNMCC34	30	6

Teacher-in-charge: Dr. linu M N, Ms. Manju N

### Curriculum

#### **Module I:**

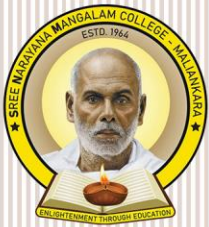
Introduction to SPSS Starting SPSS, Entering Data, Defining Variables, Loading & Saving Datafiles, Running yourfirst analysis, Examining & Printing Output files, Modifying Datafiles. (6 Hours)

#### **Module II:**

Working with Data Variables and Data Representation, Transformation and Selection of Data - Selecting a subset, Computing a new variable, Recording a variable - Different variable. (8 Hours)

#### **Module III:**

Graphing Data Graphing Basics, Bar Charts, Pie Charts & Histograms, Scatterplots, Advanced Bar Charts. (6 Hours)



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## Module IV:

Exploring Data Descriptive Statistics - Frequency Distribution and Percentile Ranks for Single & Multiple Variables, Measures of Central Tendency and Measures of Dispersion for Single Group and Multiple Groups, Standard Scores, Pearson correlation, Simple linear regression. (15 Hours)

## Assessment:

Regular in-class exercises and quizzes to gauge understanding and progress.

Completion of hands-on assignments to demonstrate proficiency in using SPSS applications.

Overall participation and engagement in class activities and discussions.

## Prerequisites:

Basic computer literacy and familiarity with the Windows or Linux operating system.

No prior knowledge of SPSS is required.

**Certificate:** Upon successful completion of the course and assessment criteria, 26 student were awarded a certificate in SPSS

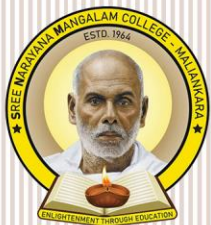
## Outcomes

- Introducing students to the SPSS software, its interface, data entry, and basic functions
- Teaching students to calculate and interpret measures like Mean, Median, Mode, Standard deviation, and Variance
- Providing Practical examples and exercises that stimulate real – world scenarios where SPSS can be applied
- Showing students how to create effective graphs, charts and plots visually represent data.

## Certificate course on Artificial Propagation of Garden and Fruit plants

### Summary Report

In this year, department of Botany is offered a certificate course on Artificial Propagation of Garden and Fruit plants to familiarize students on various artificial propagation methods. Propagation of plant is the involvement of science and art in a skillful way. There are 75 seats limited to the course and in the current year 63 are filled. Two batches of class were arranged, one in morning session and other in evening session. Saturdays were used as course time. Starting from June, about 100 % of portions were completed before August and within February whole syllabus were covered. The evaluation is done as per the guidelines and 74 students were finally recommended for course completion.



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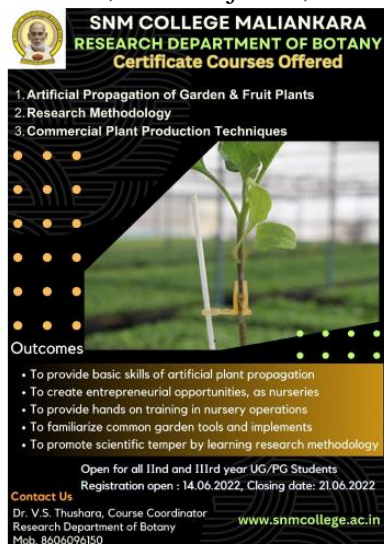
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SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Artificial Propagation of Garden and Fruit plants	SNMCC13	30	63

Teacher-in-Charge: Dr. MG Sanilkumar, Drr. Baiju EC, Dr. Simi M S & Ms. Thushara V S



## Curriculum

### Module I

Vegetative propagation - advantages and disadvantages. Natural methods of vegetative propagation. Artificial methods – budding, grafting and layering. Budding- Shield budding, Ring budding and Patch budding (Theory – 2 hrs; Practical- 7 hrs)

### Module II

Grafting- Principles and techniques of grafting; Types- Veneer grafting, Side grafting, Wedge or cleft grafting (Theory – 2 hrs; Practical- 7 hrs)

### Module III

Layering- Principles and techniques of layering. Types- Simple layering, Compound layering or Serpentine layering, Air layering. Advantages and disadvantages of artificial propagation (Theory – 4 hrs; Practical- 8 hr)

The classes were conducted inside the college and outside. The Budding and layering was conducted with the help of external expertise.

### Assessment Procedure

Total course points: 100

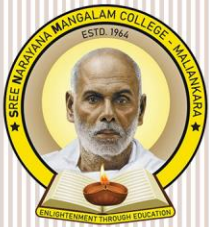
Assignments for each module (20 points for each assignment)

A test at the end of the course (20 points)

Practical: 60 points

Participants have to secure at least 50 points for the successful completion of the course





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## Overall Result

Score	Number of Students
Above 75 points	63
50-74 points	0

The course completion certificate is issued for the students who are completed the course successfully. There are 63 students qualified the course in the current year.

## Outcomes

- ✓ Provide basic skills of artificial plant propagation
- ✓ Provide hands on training in nursery operations
- ✓ Familiarize common garden tools and implements

## Certificate course on Prasangaparichayam

### Summary Report

Presentations are made to share ideas or information in a creative way with others. This should be done with a lot of planning and preparation. The first part of this course helps you to understand how to plan and prepare your presentation. Next you will learn how to make and practise the presentation. You will also learn the different methodologies used in making a presentation. The department of Malayalam is started a new course on Prasangaparichayam, where student can improve their skills by getting new planning and preparation. The course is offered for degree students in Malayalam department. There are 33 students joined the class and teachers from the department offered the course. The class has started in the month of November and completed in the end of December. There are 33 students who were successfully completed the course got certificate of this course.

Sl.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
1	Certificate course on Prasangaparichayam	SNMCC35	30	33

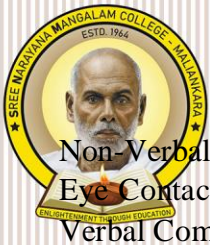
Teacher-in-charge: Dr. Jitha T H, Ms. Viji M P

### Curriculum

#### **Unit-1:**

Communication: An Introduction Definition, Nature and Scope of Communication Importance and Purpose of Communication Process of Communication Types of Communication

#### **Unit-2:**



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

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## Unit-3:

Effective Communication Essentials of Effective Communication Communication Techniques Barriers to Communication

### Assessment procedure

To track attendance and syllabus coverage, the data must be given once per month by the Head of department. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in all of the courses for the specific semester in order to submit an essay.

### Evaluation

About 50% of the course's stipulated marks will be required to pass add-on/certificate courses.

### Overall Assessment Results

Score	Number of Students
<80%	12
60 – 79%	21

### Course Completion process

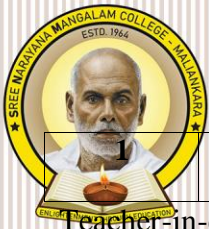
Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Principal will be given to students who successfully finish the Certificate and here 33 got the completion certificate.

## Certificate course on Sahithyarachana

### Summary Report

Certificate course in creative writing is necessary for the following reasons; firstly, no knowledge is complete without creativity and this course promotes creativity, creative skills, techniques and acumen; secondly, imagination and experiences combined are perceptible only in creative writing; and finally, the art of living can be inculcated through creative writing. It is therefore needed as at least a certificate course in creative writing and serve the need of society. The department of Malayalam is offered a new course on Sahithyarachana for literary writing. There were 34 students enrolled in this course. The faculties of Malayalam department took the classes for this course. The class started on January 2023 and completed in end of February. Assessment is done and 34 students got completion certificate for this course.

SI.No	Name of the Certificate Course	Course Code	Total hours	No of students registered
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Certificate course on **Sahithyarachana** SNMCC36 30 34  
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Teacher-in-charge: Mr. Sajeev, Ms. Sonu, V Sagar, Ms. Viji MP ✉ [principalsnmc@gmail.com](mailto:principalsnmc@gmail.com)  
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## Curriculum

### **Unit-1:**

Effective Writing Skills-I Elements of Effective Writing (What is Writing?)• The Sentence, Phrases and Clauses• Types of Sentences•

### **Unit-2:**

Effective Writing Skills-II Main Forms of Written Communication• Paragraph Writing (Linkage and Cohesion)• Letter Writing(formal and informal)• Essay writing• Notices•

### **Unit-3:**

Effective Writing Skills-III Summarising• Précis Writing• Note-making

Unit 4 Traditional Forms of Creative Writing: (08 Lectures) Fiction: short story, novella and novel• Poetry• Drama• Essay• Fable

### **Assessment procedure**

To track attendance and syllabus coverage, the data must be given once per month by the Head of Department. The record must be properly signed by faculty and at the end of the semester and stored safely for any ensuing verification. Each student must have a minimum of 75% attendance in all of the courses for the specific semester in order to submit a project

### **Projects**

- Critical Appreciation of any literary text chosen in consultation with the concerned teacher: 20 marks (15 marks + 5 marks for viva voce)
- Writing a piece of fiction- novella, story, play or poem with commentary on the written text as well as the experience of writing: 20 marks (15 marks + 5 marks for viva voce)

### **Evaluation**

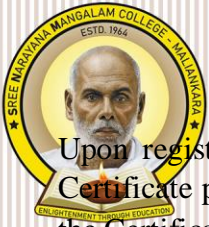
About 50% of the course's stipulated marks will be required to pass add-on/certificate courses.

### **Overall Assessment Results**

Score	Number of Students
<80%	9
60 – 79%	25

### **Course Completion process**





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Upon registering for, taking, and passing the exam, students will receive a certificate. A Certificate properly signed by the Principal will be given to students who successfully finish the Certificate. There were 34 students who got the completion certificate for this course.

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## Outcomes

- Improve the language skill Malayalam
- Improve the communication skills
- Improve the presentation and writing skills

At the end of the course, learners will be able to:

- i. Distinguish between the literary genres
- ii. Write for various literary and social media
- iii. Critically appreciate various forms of literature
- iv. Make innovative use of their creative and critical faculties
- v. Seek employment in various creative fields

Head of the Institution

