N S S COLLEGE, NEMMARA DEPARTMENT OF BOTANY ANNUAL REPORT FOR THE ACADEMIC YEAR 2018-19

FACULTY DETAILS

Sl No.	Name	Designation	Experience
1	Dr.Jyothilikshmi.P	Associate Professor & H.o.D.	23Years
2	Dr. Zereena Viji	Assistant Professor	9 years & 1months
3	Dr. Rekha.P.S	Assistant Professor	8 years & 3 months
4	KrishnaKumari.K	Guest faculty	

PUBLICATIONS/SEMINARS/WORKSHOPS

1. Dr. Zereena Viji

Seminar : 1(International) – attended

Paper Published:

Zereenaviji and Paulsamy.S. 2018. Preliminary phytochemical screening and HPTLC finger printing analysis of traditional medicinal plant *Pueraria tuberosa* (roxb. Ex willd.)Dc. *Kongunadu research journal*, 5(1), 56-59.

2. Dr. Rekha P.S

Seminar : 3 (International) – attended

1 National attended

Refresher course: 1

Value added Course offered by the Department

Composting & Biofertilizer Technology

Awards: Dr. Zereena Viji, Assistant Professor was awarded Ph.D in Botany from Bharathiar

University Coimbatore

DEMAND RATIO DURING THE YEAR		
Number of seats available	Number of applications received	Students Enrolled
34		30

INTERNAL EXAMS:

DEGREE COURSE	
5 th Semester	02/11/18 to 09/11/18
3 rd Semester	02/11/18 to 09/11/18
1 st Semester	02/11/18 to 09/11/18

LIST OF TOPPERS:

UG			
2018- 2019	Athira.P.V	92.5 %	University Rank-3
	Akhila.G	89.5 %	University Rank-8
	Aiswarya.V.U	89.16	University Rank-9
	Sumukhi.M	85.2	University Rank-19

PTS MEETING:

SEMESTER	DATE
I	17.12.18
III	03.12.18
V	03.10.18

STUDENT PROGRESSION:

Category	Number
NET	
CUET	
JAM	
GATE	
UG TO PG	9
B.Ed.	1

STUDENTS PARTICIPATION IN VARIOUS ACTIVITIES:

- Dhanush secured first prize in group dance folk and first in Chendamelam group in A-Zone Arts festival, 2019
- Gopakumar secured first prize in Kolkkali and Vattapattu in A-Zone Arts festival, 2019
- Sandra and Kavya Sankar secured first prize in Koodiyattam, in A-Zone Arts festival, 2019

ACTIVITIES 2018-2019

An Exhibition *Expo de Plantae* was organized by the department as an extension programme for the students of high school and higher secondary school .Various instruments in the department along with an exhibition on medicinal plants was conducted. Food fest was also arranged along with this.

A biodiversity club was started in Department of Botany on 2018 People's biodiversity register preparing class was conducted under biodiversity club on 2018

Biodiversity club inauguration- 2018

People's Biodiversity Register preparing

class under Biodiversity club - 2018



Plant exhibition in department – 2018

PROGRAMME

Prayer
Acharya anusmaranam
Welcome Speech: Dr. Zereena Viji

Presidential Address: Dr. Jyothilekshmi.P (HOD Department of Botany) Inauguration &Inaugural Adress: Dr. Venugopal .S (Principal N.S.S. College, Nermana) Felicitation: 1. Sri. Balakrishnan A, Asso, Prof, Dept of Maths

Dr. Lakshmi. R Chandran, HOD of Zoology

Vote of Thanks: Dr. Rekha P.S



N.S.S COLLEGE, NEMMARA
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Website: www.nsnemmara.in
Nationally & accredited with 'A' Grade
for NAAC



Expo de Plantae

> Extension Programme on 6.12.18 Organized by

DEPARTMENT OF BOTANY N.S.S. COLLEGE, NEMMARA, Flora club & Bio-diversity club





N S S COLLEGE, NEMMARA DEPARTMENT OF BOTANY ANNUAL REPORT FOR THE ACADEMIC YEAR 2019-20

FACULTY DETAILS

Sl No.	Name	Designation	Experience
1	Dr.Jyothilikshmi.P	Associate Professor & H.o.D.	24Years
2	Dr. Zereena Viji	Assistant Professor	10 years & 1months
3	Dr. Rekha.P.S	Assistant Professor	9 years & 3 months
4	KrishnaKumari.K	Guest faculty	

PUBLICATIONS/SEMINARS/WORKSHOPS

1.Dr. Jyothilekshmi.P

Publication

Consanguinity study in hospital populations of Palakkad district, Kerala I Patterns, prevalence and effects factors of inbreeding J. Cytol Genet.20(1&2) 37-42.

Consanguinity study in hospital populations of Palakkad district, Kerala II Role of influencing factors of inbreeding J. Cytol Genet.20(1&2) 63-71

2. Dr. Zereena Viji

Seminar : 1(National) – attended & Presented Paper

Presented paper on Evaluation of anticancer activity of methanol extract of Pueraria tuberosa in DAL induced swiss albino mice. Paper presented at National Conference on Advanced Techniques in Plant Science and Nano Science organized by Karpagam Academy of Higher education, Coimbatore on 13&14 February 2020

Short term Course 1

Online Short Term Course on E-Content Development" during 14/05/2020 to 20/05/2020 organized by UGC – Human Resource Development Centre, Gujarat University, Ahmedabad.

1. Dr. Rekha P.S

Seminar : 3 (International) – attended

1 National attended

Refresher course: 1

Short term training course in Real time PCR technology from 15th to 31st July 2019 at SCMS Institute of Bioscience and Biotechnology, Cochin ,R&D in association with DBT.

Value added Course offered: Mushroom cultivation

FACULTY AS MEMBERS IN:

Dr. Jyothilekshmi.P Academic Council Member, University of Calicut **Dr. Zereena Viji**, Member, Board of Studies- Botany –UG

DEMAND RATIO DURING THE YEAR		
Number of seats available	Number of applications received	Students Enrolled
34		31

INTERNAL EXAMS:

DEGREE COURSE		
5 th Semester	02/11/18 to 09/11/18	
3 rd Semester	02/11/18 to 09/11/18	
1 st Semester	02/11/18 to 09/11/18	

LIST OF TOPPERS:

UG			
2019-2020	Adhithya. P.J	87.6 %	University Rank-11
	Athira.S	87.5 %	University Rank-12

PTS MEETING:

SEMESTER	DATE
I	15.11.19
III	14.11.19
V	23.10.19

STUDENT PROGRESSION:

Category	Number
NET	
CUET	
JAM	
GATE	

UG TO PG	12
B.Ed.	2

STUDENTS PARTICIPATION IN VARIOUS ACTIVITIES:

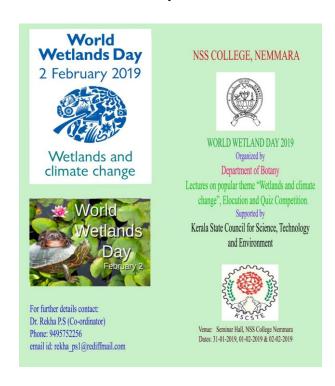
- Dhanush secured first prize in group dance folk and Chendamelam group in A-Zone Arts festival, 2019
- Gopakumar secured first prize in Kolkkali and Vattapattu in A-Zone Arts festival, 2019
- Sandra and Kavya Sankar secured first prize in Koodiyattam, in A-Zone Arts festival, 2019

ACTIVITIES 2019-2020

The Department organized a Seminar on: **Traditional Knowledge a treasure of knowledge the treasure of knowledge** resource person was Sri. Suresh Kumar Assistant Professor Department of Botany, Govt. College, Chittur.

World Wetland Day was celebrated on 2nd February, 2019 with lectures on 'Wetland and climate change', elocution and quiz competition by Department of Botany

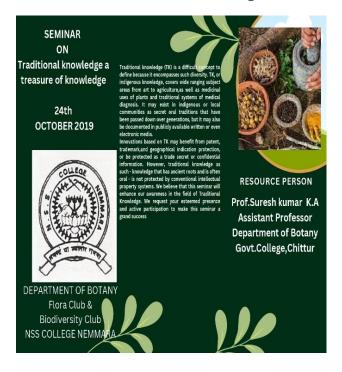
World wetland day celebration 2019







Seminar on Traditional knowledge 2019



N S S COLLEGE, NEMMARA DEPARTMENT OF BOTANY ANNUAL REPORT FOR THE ACADEMIC YEAR 2020-21

FACULTY DETAILS

Sl No.	Name	Designation	Experience
1	Dr.Jyothilikshmi.P	Principal in charge	25Years
2	Dr. Zereena Viji	Assistant Professor & H.o.D.	11 years & 1months
3	Dr. Rekha.P.S	Assistant Professor	10 years & 3 months
4	KrishnaKumari.K	Guest faculty	

PUBLICATIONS/SEMINARS/WORKSHOPS

1. Dr. Zereena Viji

Seminar : 2 (International) Paper presented

Participated on Interdisciplinary Online International Conference on "Sustainable Development And Environmental Issues" organised by the Internal Quality Assurance Cell (IQAC), Mandesh Mahavidyalaya, Junoni, Tal-Sangola, Solapur Maharashtra and Padmabhushan Dr. Krantiveer Nagnath Anna Naikwadi Kala Mahavidyalaya Zare Tal-AtpadiSangli Maharashtra India on Sunday 7th June 2020 and has presented a research paper "Quantitative phytochemical constituents, Antioxidant activity and HPTLC analysis of tuber part of Ipomoea mauritiana Jacq.

Presented Paper on "Impact of Covid-19 on mango farmers and how they tackled it: A case study of Muthalamada village in Palakkad district". Zereena Viji and Sujith S.S. **International Conference on Environment and Society (ICES 2020)** jointly organized by:Glocal Environment & Social Association (GESA), New Delhi.Maharishi Markandeshwar (Deemed to be University) Mullana Ambala (Haryana), Govt. KRG Post Graduate (Autonomous) College, Gwalior (M.P.), K. J. Somaiya College of Arts, Commerce & Science, Kopargaon, Ahmednagar (MS), National Environmental Science Academy (NESA), New Delhi, India, Asian Biological Research Foundation (ABRF), Prayagraj (U.P.), India.

Paper Published:

Zereena viji and Paulsamy. S. 2020. Quantitative phytochemical constituents, Antioxidant activity and HPTLC analysis of tuber part of *Ipomoea mauritiana* Jacq. Juni Khyat 10(6): 260-273

Short term Course Attended:

Faculty Development Programme Department of Environmental sciences, Savithribhai Phule, University, Pune Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 11-07-2020 to 17-07-2020

2. Dr. Rekha P.S

Seminar : 3 (International) – attended

1 National attended

Value added Course offered: Bioentrepreneurship

FACULTY AS MEMBERS IN:

- 1. **Dr.Jyothilekshmi.P** Academic Council Member, University of Calicut
- 2. Dr. Zereena Viji, Member, Board of Studies-Botany –UG

DEMAND RATIO DURING THE YEAR		
Number of seats available	Number of applications received	Students Enrolled
34		31

INTERNAL EXAMS: online exams

LIST OF TOPPERS:

UG		
2020- 21	Varsha.V	84.6 %

PTS MEETING:

SEMESTER	DATE
I	Online
III	Online
V	Online

STUDENT PROGRESSION:

Category	Number
NET	
CUET	
JAM	
GATE	
UG TO PG	11
B.Ed.	2

ACTIVITIES 2020-21

Webinar on research methodology was conducted by Department of Botany on 13.08.2020. Lecture was given by Dr. D. Narasimhan, Assistant Professor, Madras Christian College, Madras in "Research methodology and ethics".

Webinar on research methodology 2020



N S S COLLEGE, NEMMARA DEPARTMENT OF BOTANY ANNUAL REPORT FOR THE ACADEMIC YEAR 2021-22

FACULTY DETAILS

Sl No.	Name	Designation	Experience
1	Dr.Jyothilikshmi.P	Principal	26Years
2	Dr. Zereena Viji	Assistant Professor & H.o.D.	12 years & 1months
3	Dr. Rekha.P.S	Assistant Professor	11 years & 3 months
4	Dr. Sreeja.P.S	Guest faculty	
5	Miss. Navitha .P.R	Guest faculty	

PUBLICATIONS/SEMINARS/WORKSHOPS

1. Dr. Zereena Viji

Seminar: **1** (Workshop) Workshop on Eco Physiology Research at KFRI

Peechi Thrissur 05.12.22-08.12.2022

2. Dr. Rekha P.S

Seminar : 2 (International) – attended

1 National attended

Value added Course offered: Ethnobotany

FACULTY AS MEMBERS IN:

1. Dr.Jyothilekshmi.P Academic Council Member, University of Calicut

2. Dr. Zereena Viji, Member, Board of Studies-Botany –UG

DEMAND RATIO DURING THE YEAR		
Number of seats available	Number of applications received	Students Enrolled
34		26

INTERNAL EXAMS:

DEGREE COURSE		
5 th Semester	06/01/2022 to 13/01/2022	
3 rd Semester	Online test21/01/22	
1 st Semester	10/03/2022	

6 th Semester	07/03/22to 10/03/2022
4 th Semester	08/03/2023 to 10/03/2023

LIST OF TOPPERS:

UG		
2021- 22	Rohith R Kumar	87.9 %

PTS MEETING:

SEMESTER	DATE
I	18/03/2022
III	22/03/2022
V	20/10/2022

STUDENTS PARTICIPATION IN VARIOUS ACTIVITIES:

Aiswarya S of III B.Sc Botany won District level Painting competition conducted by Govt Palliative care team Thrissuur

STUDENT PROGRESSION:

Category	Number
NET	
CUET	
JAM	1
GATE	1
UG TO PG	6
B.Ed.	2

ACTIVITIES 2021-2022

World Environment day was celebrated by the Department with a talk to **Ecosystem Restoration** 05.06.2021 by Dr. Sojan Jose, Assistant Professor, Department of Botany, Govt. College, Chittur.

An Inter collegiate **Mobile Photography** competition based on the theme **Ecosystem Restoration** was conducted on 05.06.2021 in connection with World Environment day.

The Department organized a Talk on: **Generating Research Ideas** for Botany students by Dr. Sojan Jose, Assistant Professor, Department of Botany, Govt. College, Chittur.

Student Induction Programme on December 9th 2021 Resource person was Dr.Anto P.V., Assistant Professor, Department of Botany, St.Thomas College, Thrissur

A National Workshop on **Awareness on Intellectual Property Rights**.by Dr Parimelazhagan, Director IPR Cell ,Bharathiar University, Coimbatore on 18.12.2021

International Webinar on Wetland Conservation conducted by the department in connection with the world Wetland day on 05.02.2022

International Women's Day Was celebrated by the students of the Department by honoring the women staffs of the College On 5^{th} March 2022

Webinar On Ecosystem Restoration – 2021

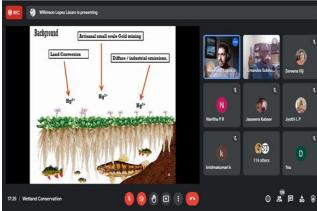
World Environment Day- Photography Contest





World Wetland Day Celebrations 2022





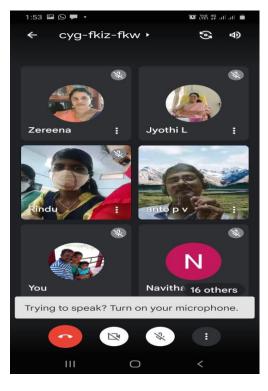


National Workshop on Intellectual Property Rights



Student Induction Programme 2021





N S S COLLEGE, NEMMARA DEPARTMENT OF BOTANY ANNUAL REPORT FOR THE ACADEMIC YEAR 2022-23

FACULTY DETAILS

Sl No.	Name	Designation	Experience
1	Dr. Zereena Viji	Assistant Professor & H.o.D.	13 years & 1months
2	Dr. Rekha.P.S	Assistant Professor	12 years & 3 months
3	Dr. Sreeja.P.S	Guest faculty	1 year
4	Miss. Swathi.M	Guest faculty	

PUBLICATIONS/SEMINARS/WORKSHOPS

1. Dr. Zereena Viji

Refresher : 1

Refresher Course on Environmental Science (Multidisciplinary) organised by UGC-HRDC, University of Calicut, from 13.07.2022 to 26.07.2022.

Publication:

Zereena Viji 2023.A Floristic Approach on the Biodiversity of Gangotri Hillocks of Nemmara. J Eco. Env. &Cons.29, 302-307.

2. Dr.Rekha P.S

Seminar : 1 (National) - attended

Refresher: 1

Special Summer school(Thrust Area: Educational Psychology organised by UGC-Human Resource Development Centre, University of Calicut, from 08.062022 to 21.06.2022.

Value Added Course offered:

• Biodiversity and Conservation

FACULTY AS MEMBERS IN:

- 1. **Dr.Jyothilekshmi.P** Academic Council Member, University of Calicut
- 2. Dr. Zereena Viji, Member, Board of Studies-Botany –UG

LIST OF EMINENT ACADEMICIANS AND SCIENTISTS / VISITORS TO THE DEPARTMENT:

- 1. Dr. Prajith .M (Assistant Professor, Department of Botany Sreekrishna College, Guruvayur)
- 2. Ms. Sreeshma. P.S(Research Scholar, St. Thomas college, Thrissur)

DEMAND RATIO DURING THE YEAR		
Number of seats available	Number of applications received	Students Enrolled
34		31

INTERNAL EXAMS:

DEGREE COURSE		
5 th Semester	23/09/2022 to 27/09/2022	
3 rd Semester	23/09/2022 to 27/09/2022	
1 st Semester	23/01/2023 to 31/01/2023	
6 th Semester	20/02/2023 to 28/02/2023	
4 th Semester	08/03/2023 to 10/03/2023	

LIST OF TOPPERS:

UG		
2021- 22	Akhila.J	94.17%

PTS MEETING:

SEMESTER	DATE
I	13/02/2023
III	02/011/2022
V	20/10/2023

STUDENTS PARTICIPATION IN VARIOUS ACTIVITIES:

- 1. Karthika.C Thirvathirakalli First college level and Third in A zone
- 2. Akhila & Sneha .G -Group Folk Dance College level First Margam kali Third prize in A zone
- 3. Drishya .S,Ansiya.S &Jaseera,M oppana second prize college level
- 4. Smruthi.M,Akhila.S& Aiswarya.P.R participated in patriotic song in A zone

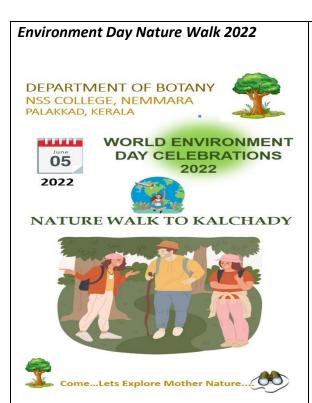
- 5. Sruthi.A- College level First English Versification
- 6. Charutha. C -College level First Sanskrit essay & story Writing
- 7. Akash .A Won silver medal in University Wrestling Championship
- 8. Surya Krishna. M Won bronze medal in University Wrestling Championship

STUDENT PROGRESSION:

Category	Number
NET	
CUET	
JAM	
GATE	
UG TO PG	7
B.Ed.	2

ACTIVITIES 2022-2023

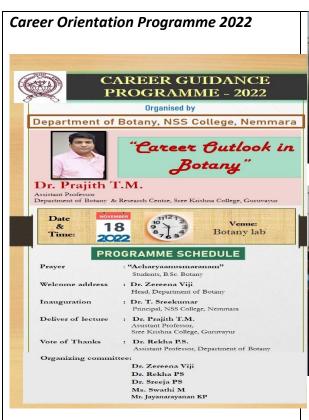
- 1. World Environment day was celebrated by the department with a nature walk to Kalchady on Saturday 06.06.2022.
- 2. *La Tomatino* A food fest was conducted by the department and Floraclub in connection with the world Vegan day and Kerala piravi dinam on01.11.2022
- 3. Career Guidance Programme was conducted to Botany students ,Dr. Prajith T.M, Assistant Professor, Department of Botany, Sree Krishna college, Guruvayoor
- 4. National Science Day was celebrated with a talk on Recent Developments in Plant Science by Ms. Sreeshma. P.S. Research Scholar ,St. Thomas College, Thrissur

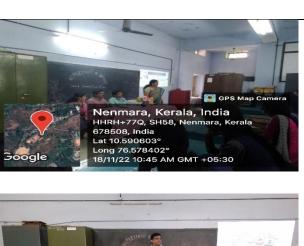














National Science Day Seminar 2023

