

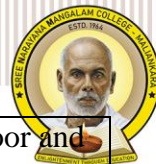


7.2 BEST PRACTICE II SAAKALYA

List of Projects carried out related to Environment and sustainability (ES) during 2022-23

Department of Botany

Sl. No.	Name of the student	Name of the project
1.	A. M. Krishnendu	Study on Banana varieties and their utilization in the selected home gardens of Pallipuram Panchayath
2.	Divya A. M.	Periphytic microalgae in the Azikode estuary
3.	Abhirami P S	A study on different Plants in Asteraceae family and their medicinal uses
4.	Afreeza	A Study on different plants in Rutaceae family and their Medicinal uses
5.	Ajanya T A	Carbon sequestration potential of tree species of Sree Narayana Mangalam College campus, Moothakunnam
6.	Anjana K S	Study of Phytoplankton diversity of Moothakunnam Temple pond
7.	Jnhanapriya U	Beach vegetation and coastal eco- morphological systems along Kannur coast of Kerala.
8.	Parthasarathy M G	A Study of medicinal plant diversity in Kerala.
9.	Athulya Jayan	Campus flora of Angiosperms: Polypetalae and Monocotyledonae
10.	Chippi C S	Campus flora of Angiosperms: Gamopetalae and Monochlamydae
11.	Krishnapriya M M	Comparative analysis of mangrove vegetation and Algal diversity in two different sites in Ernakulam District
12.	Sandra C S	Distribution and diversity of invasive plant species in the campus of S.N.M College, Maliankara
13.	Veena K.I.	Ethnobotanical survey and preliminary taxonomical study of some medicinal plants from selected areas of Puthenvelikkara panchayat
14.	Vyshnavi K	Phytosociological studies of plant diversity of Karthika kavu-a sacred grove in Poyya, Thrissur District
15.	Revathy T S	Common aquatic Pteridophytes at Moothakunnam
16.	Krishnapriya R	Effect of pollution on photosynthetic efficiency in <i>Sphagneticola trilobata</i>



17.	Krishnapriya M	Flowering plant diversity of selected sacred groves of Aloor and Sreenarayanapuram panchayaths of Thrissur district
18.	Krishnapriya Ajith	Effect of air pollution on photosynthetic efficiency in <i>Tridax procumbens</i>
19.	Nandaja Rajagopal	Morphological and anatomical studies and preliminary screening of <i>Bruguieragymnorhiza</i> (L.) Lam. and <i>Avicennia officinalis</i> L.
20.	Jiya C J and Karishma K Babu	Distribution and diversity of vegetables in the homegardens of Chittattukara panchayath.
21.	Anjali K S and Meenu E G	Distribution and diversity of ornamental plants in the homegardens of Pallipuram panchayath.
22.	Aiswarya Unnikrishnan and Ardhra K U	Wetland/wetland associated plant resources of Kuttiyaal - Aduvassery wetland system in Ernakulam district
23.	Aaslesh M S and Sneha Subash	Comparative account on the allelopathic effect of three selected plants on <i>Abelmoschus esculentus</i>

Department of Commerce

Sl. No.	Name of the student	Name of the project
1.	Akshay K.S	E-waste management in Paravur Municipality
2.	K.S.Arjun	Investment habit of employed women in Paravur municipality
3.	Lena V.S	E-waste management in Paravur Municipality

Department of Commerce- Finance and Taxation Model I

Sl. No.	Name of the student	Name of the project
1.	Thwahirudheen T N	Customer Satisfaction towards Green Products With Special Reference to Eriyadu Grama Panchayath

Department of Economics

Sl. No.	Name of the student	Name of the project
1.	Anjana Jagadeesh	A micro level study about organic farming in Vadakkekara Panchayat
2.	Anumol C.A	Role of ASHA workers in primary health care sector: A case study on Ezhikkara Panchayat
3.	Athira O A	Water pollution in Eloor area
4.	Athul A V	A study on waste management practices of small hotels in Vadakkekara Panchayat



5.	Muhsina.K.S	A comparative analysis of Medical waste management practice of public and private hospitals in Vyppin Block Panchayat
6.	Lakshmipriya K S	Consumer behavior towards green products : A study based on North Paravur
7.	Anjana Rajendran	Challenges to waste management by Harithakarmasena: A Case study in Mala Grama Panchayath
8.	LayanaArooja	A study of the functioning of Harithakarmasena in Fort Kochi
9.	Niranjana K M	Management of solid waste: A study with special reference to Kochi

Department of Malayalam

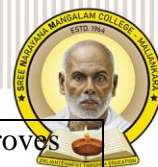
Sl. No.	Name of the student	Name of the project
1.	Aleena K J	Paristhithikavabodham Malayala kavithayil

Department of Mathematics

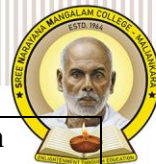
Sl. No.	Name of the student	Name of the project
1.	AnjaneySunilkumar	Waste management and recycling initiatives
2.	Keerthana K J	Renewable energy sources and their impact on climate change
3.	Krishnaveni V S	Renewable energy sources and their impact on climate change
4.	Sangeetha M S	Climate change adaptation and mitigation strategies
5.	Akshay K S	Climate change adaptation and mitigation strategies
6.	Athira Jijeesh	Conservation of biodiversity and ecosystems
7.	Denshamol P S	Conservation of biodiversity and ecosystems
8.	Dinu K D	Waste management and recycling initiatives
9.	Sreelakshmi P P	Climate change adaptation and mitigation strategies
10.	Vishnupriya S P	Waste management and recycling initiatives

Department of Zoology

Sl. No.	Name of the student	Name of the project
1	Adithya Parvathy Anil	A study on spider diversity in Thonniyakkavu, Ernakulam district Kerala.
2	Amrutha A.S	A study on ant diversity in Ezhikkara panchayat, Ernakulam district, Kerala.



3	Anagha K.M	A comparative study on the insect diversity in sacred groves of Kodungallur municipality, Thrissur.
4	Anagha P.U	Role of arthropods in maintaining soil fertility
5	Anamika E.A	Project report on ant diversity in limited areas of Thamarakulam
6	Anamika Sudheer	Study of insects fauna in Valappu
7	Antony Prinils	The impact of detergents on soil and microbial health
8	Aswani Sidhardhan	A study on mosquitoes in Devasampadam Varapuzhap.o
9	Aswin Kesav A.M	Diversity of spider in cardamom plantation in Mankulam, Idukki district, Kerala
10	K.A Nivedhitha	Study on survey of diabetes and uric acid individuals in Paravur , Ernakulam district.
11	Melvin Titus	Diversity of leech in Mankulam panchayat Idukki district Kerala
12	Priyanka M.R	A comparative study on insect diversity in Nayarambalam and Njarakkal panchayat, Ernakulam district,Kerala.
13	Safna Nizar	Diversity of spider in SNM college Maliankara, Ernakulam district kerala.
14	Sreedevi M.R	A study on diversity of coleopteran insects in Pallipuram village Ernakulam district Kerala
15	Sreeraj V.J	Peculiarities of termites in Nayarambalam Ernakulam
16	Afmitha K.Z	Comparative study on bivalvia diversity along the intertidal zone of Cherai, Kuzhupilly, Munambam beach, Ernakulam district
17	Aneena V.B	Comparative study of birds in Moothakunnam village and Paravoor municipality
18	ArdhanaV.J	Praying mantis diversity in Puthenvelikkara panchayat,Ernakulam district Kerala
19	Arya V Anuraj	Diversity of soil organisms in limited locality at Sringapuram
20	Ashitha B.S	A study on insect pests in Pallipuram village
21	Ashitha K.S	A study on indoor diversity of insects in home at limited locality of Elinjamkulam
22	Fathima Nasrin T.S	Comparitive study of molluscan diversity in Cherai, Kuzhupilly and Munambam beach
23	Gayathri Sreenivasan	The study of insect diversity in SNM College Maliankara
24	Gayathri V.G	Diversity of dragon flies in north paravur and local areas in Kadamangalam
25	Harsha M.H	A study of ant diversity in Karumalloor village Ernakulam district
26	Nandhana K.S	A study on insect fauna in Kottuvally village North Paravur Ernakulam
27	Nikhila V.P	A study on diversity of butterflies in Kadamangalam region Ernakulam district kerala

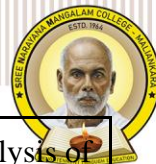


28	Nimay J	Study on musth and its effects on the captive male asian elephants (<i>Elephas maximus</i>) of kerala
29	Niranjana K sudhi	Study on bio diversity of snail in Chittattukara panchayath
30	Sheethal K.S	Comparative study of gastro pod diversity in Cherai, Munambam and Kuzhupilly beach Ernaulam Kerala
31	Sivanadana N.V	Diversity of spider in Ezhikara Panchayath Ernakulam district Kerala
32	Sreelakshmi T.M	Comparative study on molluscan diversity in Fort Kochi and Malpe beach by identification of shell
33	Aiswarya V.S	Comparative study of classes Asteroidea and Echinoidea of Phylum Echinodermata

List of Projects carried out related to Environment and sustainability (ES) during 2021-22

Department of Botany

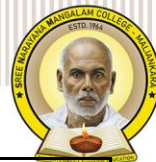
Sl. No.	Name of the student	Name of the project
1.	Akshya P. S.	Impact of invasive species in the terrestrial and aquatic ecosystem
2.	Apnamol P. P.	A review on Bio monitoring using lichen as a biological indicator
3.	Nimesh Lal K. M.	Biological activity of essential oils present in medicinal plants
4.	Sivadha P. Rajeev	Therapeutical properties of Pteridophytes
5.	Anjana K.S	Phytoplankton Diversity of Freshwater algae
6.	Ann Agnes Albi	Phytoplankton Diversity of Estuarine algae
7.	Asheera K.A	Medicinal plant diversity of Santhivan sacred grove, North Paravur Ernakulam
8.	Hareeshma Jayan	Pharmacological review of <i>Cantharanthus roseus</i>
9.	Hrithik Krishna M.S	Pharmacological review on <i>Catharanthus roseus</i>
10.	Sandra Mariya	Natural dye yielding plants
11.	Sreelakshmi.P.S	A review on medicinal plants with Anti- Diabetic activity



12.	Megha Sunil	Preliminary phytochemical analysis and nutritional analysis of <i>Curcuma angustifolia</i> Roxb
13.	Gopika P S	Preliminary phytochemical analysis and nutritional analysis of <i>Colocasia esculenta</i>
14.	Gopika M G	Studies on calcium oxalate crystals of economically important plants of family Araceae
15.	Divya M S	Callus induction and phytochemical evaluation of <i>Tinospora crispa</i> (1.) Hook. f. & Thomson
16.	Sandra M U	Comparative study of morpho-anatomical features and preliminary phytochemistry of three different species of genus <i>Coleus</i>
17.	Krishnapriya V M	Preliminary phytochemical analysis and nutritional analysis of <i>Zingiber officinale</i> Rosc.
18.	Neethumol K S	Effect of plant extract and fungicide on seed borne fungal and seedling growth in <i>Oryza sativa</i> (jyothi)seed
19.	Anjana Satheesan	Analysis of microgreen's growth parameters using different substrate
20.	Sruthy K P	Preliminary phytochemical analysis and anthelmintic activity of leaf extracts of <i>Nyctanthes arbor-tristis</i> L.
21.	Steni D. Silva	Impact of invasive species in the terrestrial and aquatic ecosystem
22.	Amrutha Dinesh	Growth kinetics of marine microalgae <i>Nannochloropsis oculata</i> (Droop 1995) Hibberd 1981 in fl2 and walnes media

Department of Chemistry

Sl. No.	Name of the student	Name of the project
1.	Aleena Lenin	Preparation of bioplastics
2.	Anandhu K M	Green Synthesis of ZnO nanoparticles
3.	Sethulakshmi P P	Determination of water hardness using EDTA titration
4.	Shadha Sidhique	Determination of water hardness using EDTA titration



Department of Commerce

Sl. No.	Name of the student	Name of the project
1.	Nithya K D	Study on attitude of consumers towards green products

Department of Commerce - Finance and Taxation Model I

Sl. No.	Name of the student	Name of the project
1.	Nijin George	A study of attitude of consumers towards Green products

Department of Economics

Sl. No.	Name of the student	Name of the project
1.	Meghadass P M	Recognition and marketing opportunities of A GI TAG in Handloom products: A study of Chendamangalam Handloom
2.	Vismaya T B	A study on Homestead farming in Kerala during Pandemic period
3.	Nirmal Jayaram	A study on the electronic payment system among students with special reference to SNM College, Maliankara
4.	Abhay K B	A study on Peeling workers and the problems faced by them: Special reference to Edavanakkad Panchayat
5.	Athira M V	A study on waste management in householders of Ernakulam District
6.	Arya P S	Management of Municipal Solid waste a case study of Kochi Corporation

Department of Malayalam

Sl. No.	Name of the student	Name of the project
1.	Daya Sojan	Chendamangalam kaythari neeridunna prasnagalum parihara margangalum

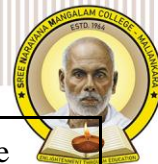
Department of Physics



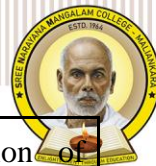
Sl. No.	Name of the student	Name of the project
1.	Anupama V M	Solar Mobile Charger
2.	Devika Chandran	Water Level Alarm
3.	Gouri C B	Fire Alarm

Department of Zoology

Sl. No.	Name of the student	Name of the project
1.	Adithya K.S	Diversity of spider in Kuzhupilly beach
2.	Anjitha M.R	Diversity of Spider in Vadakekkara panchayath Ernakulam Dist. Kerala
3.	Anju T.R	Study of biodiversity of birds in Kole wetland, Thrissur, Kerala
4.	Anoop O.P	Comparative study of molluscan diversity Valappu and Puthuvype beach by identification of shells
5.	Archana P.U	Diversity of spiders in Cheriypazhampillithuruth, Chendamangalam Grama panchayath, Ernakulam, Kerala
6.	Aswini M.T.P	Diversity of ants in SNM College campus, Maliankara
7.	Bhagyasree P.P	Odonates in selected areas of Ezhikkara Panchayath
8.	Greeshma C.D	Diversity of Butterflies in Methala Village
9.	Krishnendu V.S	Vermicompost Efficiency and Quality of Vermicompost with different worm food as substrate
10.	Nissy Jiju	Diversity of Spider in Panjipalla Puthenvelikara Panchayath, Ernakulam district, Kerala
11.	Sandra K.S	Diversity Of Brackish Water Fishes In Njarakkal Village, Ernakulam, Kerala
12.	Sreelakshmi T.P	The Study On Insect Diversity In SNM College, Maliankara
13.	Arya Madhu	An Anatomical study in adaptations of wood pecker which prevent them from concussion
14.	Aryamol P.R	Diversity of Spiders in SN Puram Panchayath, Thrissur Dist. Kerala



15.	Bhavya T.M	The Study on effect of natural and synthetic food on the growth of guppy fish (<i>Poecilia reticulata</i>)
16.	Fiza M. Sageer	The study on effect of natural and synthetic food on the growth rate of tilapia fish
17.	Kausalya C.D	Fish Diversity in Edavanakkad Village
18.	Krishna Chandana M.R	Molluscan Diversity in selected marine areas of Cherai and Puthuvype, Ernakulam district, Kerala
19.	Namithamol K.N	A study on the influence of negative trail pheromone in black garden ants, <i>Lasius niger</i>
20.	Naseeha T.N	Comparative Study of Mollusc in Edavanakad and Cochin beach
21.	Nayana C.A	The study of Biodiversity of Mollusc in Fort Kochi beach
22.	Niya N.V	How the chick breed inside its shell
23.	Rahmath K.A	Diversity of ant collection in my locality Mattupuram village
24.	Sandhra A.R	Invertebrate diversity at Kottuvally panchayath
25.	Seethalakshmi N.V	Study of Diversity of Ants in Pallippuram village, Ernakulam, Kerala
26.	Sradhakrishna K.U	Butterfly Diversity in Puthenvelikkara Panchayath
27.	Sruthy A.S	Diversity of birds in Varappuzha Grama Panchayath
28.	Alma Bibin	Comparative study of insect diversity in mangrove forest and sacred grove of Paravoor Taluk, Ernakulam, Kerala.
29.	Fema Thaliyath	Diversity of butterflies (Lepidoptera: Rhopalocera) in mala and Irinjalakuda region in Thrissur district.
30.	Jasna Ganesh	Diversity of borers in Kadannappally Panappuzha Grama panchayat, Kannur, Kerala.
31.	Jibitha Mol P. J	Diversity of micro and Macro Biofolers in Munambam area.
32.	Karthika P K	A comparative study of the Ichthyo faunal diversity of two selected mangroves of Ernakulam district, Kerala.
33.	Keerthana Jayaraj	Isolation, quantification and molecular identification of protease producing bacteria from soil.
34.	Megha M. M	A study on spider diversity in five different habitats of Koodali panchayath, Kannur, Kerala
35.	Reshma N S	A study of parasites that infest common edible fishes.

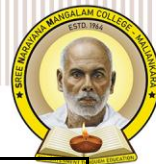


36.	Sajini. J	Isolation, quantification and molecular identification of Keratinase producing bacteria from poultry waste.
37.	Sethulakshi K K	Study on moth diversity in Kakkanad, Ernakulam district
38.	Sneha K	A study on ant diversity in five different Habitats of Iritty Municipality, Kannur, Kerala.
39.	Soorya P	A study on butterfly diversity at Banasura Sagar dam of Wayanad district, Kerala.
40.	Sreethrisha C	Study on relationship between metrological parameters and mosquito population, in Edathiruthy, Thrissur District, kerala.
41.	Vinni Varghese	Effect of temperature and volume of water on growth of tadpoles at Mattathur, Thrissur, Kerala.

List of Projects carried out related to Environment and sustainability (ES) during 2020-21

Department of Botany

Sl. No.	Name of the student	Name of the project
1.	Aiswarya Biju	Algal bloom - A review
2.	Anannya Babu	Endangered plant species
3.	Arya K S	Health benefits and uses of Jamun fruit
4.	Athulya Jayan	Mosquitocidal efficiencies of <i>Leucas aspera</i> , <i>Ocimum sanctum</i> and <i>Tagetes erecta</i>
5.	Fazna V S	Anti-inflammatory properties of <i>Cyperus esculentus</i>
6.	Nandaja Rajagopal	Antimicrobial activity of Dashapushpa
7.	Fathimathu Zuhara P.S.	A general review on true Mangroves of Kerala, India
8.	Nayana Narayanan	Status of wetlands in India- Ecosystem benefit, threats and management strategies
9.	Nikitha N Bhatt	Anti-inflammatory properties of Dashamoola
10.	Shimna Baiju	Evaluation of Anti- cancerous properties of selected medicinal plants used in traditional medication



Department of Chemistry

Sl. No.	Name of the student	Name of the project
1.	Aswathy Chandran	Degradation of Bioplastics- Wheat, Potato, Tapioca- A Smart Phone Assisted Colorimetric Study.
2.	Syama K J	Degradation of Tapioca Bioplastics:- A Smart Phone Assisted Colorimetric Study
3.	Gopika M. Shobi	Visible light assisted dye degradation by Bio- derived materials.
4.	Divya Francis C	Quantification and Characterization of Micro plastics Present in Surface sediment of Vembanad Lake

Department of Malayalam

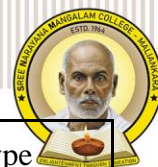
Sl. No.	Name of the student	Name of the project
1.	Asfaq	Paristhithi Dersanam Malayala Cherukadhakalil (Neerali, Bhumiyyude Avakasikal, Vellapokkathil)
2.	Anupama O A	Aathi Novalile Paristhithi Dersanam
3.	Aswathy V S	Paristhithi Bodham P Surendrante Kadhakalil
4.	Roshna Raj	V M Girijayude Kavithakalile Ecofeminisam

Department of Physics

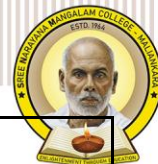
Sl. No.	Name of the student	Name of the project
1.	Revathy Nanda K S	Review on the green synthesis of carbon quantum dots
2.	Sreelakshmi T R	Review on the green synthesis of carbon quantum dots

Department of Zoology

Sl. No.	Name of the student	Name of the project
1.	Abhaykrishna V U	Study of Ant diversity in selected areas of Puthenvelikkara
2.	Abhinav Shibu U	Insect Diversity In Kadamakudy Island
3.	Akshay Manayath	Comparative Study Of Molluscan Diversity In Cherai And Kuzhupilly Beach By Identification Of Shells



4.	Akshay V R	Comparative Study Of Molluscan Diversity In Puthuvype Beach And Elamkunnappuzha Beach By Identification Of Shells
5.	Anaghalakshmi T R	Study Of Insect Diversity In Pallipuram Village
6.	Anjali K S	Comparative Study Of Insects Diversity In Mangrove Forest And Sacred Groove
7.	Anjukrishna B	Study Of Wood Borer Insects In Edavanakad Panchayat, Ernakulam District ,Kerala
8.	Ardra Gopal	Ant Diversity In Kadamakudy Wetlands
9.	Aswathy Muraleedharan	Study Of Insects Fauna In SNM College Campus
10.	Bhavana P S	Ecology & Systematic Assessment Of Macrofauna Of The Intertidal Regions Of Cherai & Azhikode Beach
11.	Gokulkrishna	Study Of Ant Diversity In Selected Area Of Sathaar Island
12.	Gopika T S	Diversity And Abundance Of Spiders In Santhivanam- Ernakulam Kerala
13.	Haripriya T D	Diversity Of Spiders In Selected Areas Of Vypin Island, Ernakulam District, Kerala
14.	Lakshmi K K	Brackish Water Fish Diversity In Nayarambalam Village
15.	Manjima Manoj	Insect Diversity In Edavanakad Village
16.	Navya T S	Comparative Study Of Crustaceans Diversity In Two Selected Mangroves Of Ernakulam District Kerala.
17.	Poojalakshmi N D	A Comparative Study Of The Ichthyofaunal Diversity Of Two Selected Mangroves Of Ernakulam District, Kerala
18.	Poojamol K S	Insect Diversity In Kottuvally Village, N. Parvur , Ernakulam.
19.	Sreejaya P C	Invertebrate Diversity At Maliankara Village In Ernakulam
20.	Sruthy T V	Diversity Of Spiders In SNM COLLEGE Campus Maliankara, Ernakulam Dist, Kerala
21.	Swarna Sajeev	The Study Of Ant Diversity In Vavakkad
22.	Vaishnavi K S	Comparative Study Of Molluscan Diversity In Puthuvype Beach And Azhikode Beach By Identification Of Shells
23.	Varsha Snthosh	Insect Diversity In Vypin
24.	Vinayamol M V	Comparative Study Of Mollusc Diversity In Fort Kochi And



		Munambam
25.	Aghosh P	Effect of heavy metals on alimentary canal of fresh water fish <i>Poecilia reticulata</i>
26.	Anjali Sasi	A study on spider Diversity and feeding potential
27.	Anju V S	A study on spider Diversity at Anappara forest area.
28.	Ashna M	A study on avian diversity in Punchavayal wetlands, Kannadikkal, Kozhikode.
29.	Aswathi K L	A study on phosphate solubilizing bacteria's in agricultural fields
30.	Athul Sankar C	Effect of industrial effluents on Odonate diversity at Chalakkudy river
31.	Devikrishna K K	Diversity of butterfly species in Naduvillae village Kottayam Dist.
32.	Hridya Harilal	Isolation and quantification of IAA producing bacteria
33.	Minimol Tomy	Comparison of insect species composition in three different ecosystems in Pottassery village, Palakkad dist.
34.	Navya Rose	Diversity of crab on Chettuvayi mangrove ecosystem
35.	Thejaswy R Varma	Study on diversity of moths in selected areas of Chalakkudy
36.	Veena Saji	Study of on Mangroves and prawn diversity
37.	Vrindha P R	Study of ant diversity at rural areas