

Maliankara P O, Moothakunnam Via,. Ernakulam (DT), Kerala - 683 516 (Affiliated to Mahatma Gandhi University, Kottayam)

Accredited by NAAC with – B++ Grade

Phone: 0484 2482386, 2483600, Mobile: 9495742386

Website: www.snmcollege.in, e-mail: principalsnmc@gmail.com

This is to certify that the institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

List of courses offered in the UG and PG curriculum related to Professional ethics (PE), Gender (G), Human Values (HV), Environment and sustainability (ES)

Department of Chemistry

 CH5CRT05 Environment, ecology and Human Rights ES Environmental awareness is to understand the fragility and sensitivity of our environment, in particular the biosphere and the importance of its protection. Promoting environmental awareness is an easy way to become an environmental steward and participate in creating a brighter future for our next generations. The most important goal of this paper is to impart awareness on various environmental aspects, with some glimpses of contemporary issues. This will help them foster a sense of responsibility and "proactive citizenship". 	SI No	Course Code	Name of the course	Issue addressed	Objectives of the course
	T-L		ecology and	ES	 understand the fragility and sensitivity of our environment, in particular the biosphere and the importance of its protection. Promoting environmental awareness is an easy way to become an environmental steward and participate in creating a brighter future for our next generations. The most important goal of this paper is to impart awareness on various environmental aspects, with some glimpses of contemporary issues. This will help them foster a sense of responsibility and "proactive"

Department of Physics

SI No	Course Code	Name of the course	Issue addressed	Objectives of the course
1	PH5CRT08	Environmental Physics and Human Rights	HV and ES	Environmental Education helps students to understand how their decisions and actions affect the environment, builds knowledge and skills necessary to address complex environmental issues, as well as ways we can take action to keep our environment healthy



		and sustainable for the future. It encourages character building, and develops positive attitudes and values. To give an introduction to Human Rights, Meaning, concept and development –History of Human Rights-Different Generations of Human Rights- Universality of Human Rights- Basic International Human Rights
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Department of Botany

1	BO5CRT0 8	Environmental sciences and Human Rights	Environm ental issues	Acquaint the student with the significance of Environmental Science. Help the student to design novel mechanisms for the sustainable utilization of natural resources. Make the students aware about various human rights.
2	BY010304	Environmental science	Environm ental issues	Make the students aware about the extent of the total biodiversity and the importance of their conservation. Enable the students to understand various kinds of pollution in the environment, their impacts on the ecosystem and their control measures
3	BY820401	Basic concepts in environmental studies	Environm ental issues	Acquaint the student with the significance of Environmental Science. Enable the students to understand the structure and function of the ecosystems.
4	BY820402	Natural resources and their management	Environm ental issues	Acquaint the student with the significance of Environmental Science. Make the students aware about the various natural resources.
5	BY820403	Environmental monitoring and management	Environm ental issues	Acquaint the student with the significance of Environmental Science. Make the students aware about various environmental laws in India.



Department of Zoology

SI No	Course Code	Name of the course	Issue addressed	Objectives of the course
1	ZYCRT05	Environmental Biology and Human rights	Environment Human Values	1.To create a consciousness regarding regarding biodiversity, environmental issues and conservation strategies 2. To develop the real sense of human rights.

Department of Mathematics

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SI No	Course Code	Name of the course	Issue addressed	Objectives of the course
	MM5CRT08	Human Rights And Mathematics For Environmental Studies	Environment and sustainability	Environmental Education encourages students to research, investigate how and why things happen, and make their own decisions about complex environmental issues. By developing and enhancing critical and creative thinking skills, It helps to foster a new generation of informed consumers, workers, as well as policy or decision makers. • Environmental Education helps students to understand how their decisions and actions affect the environment, builds knowledge and skills necessary to address complex environmental issues, as well as ways we can take action to keep our environment healthy and sustainable for the future, encourage character building, and develop positive attitudes and values. • To develop the sense of awareness among the students about the environment and its various problems and to help the students in realizing the inter-relationship between man and environment for protecting the nature and natural resources.



Department of Malayalam

SI N o	Course Code	Name of the course	Issue addressed	Objectives of the course
1	ML3CMT0 5	EZHUTHUKARAN/EZHUTHU KARI-MADHAVIKUTTY	G	To know about Madhavikutty,her steangth and weakness,struggle as a writer
2	ML5CRT05	PARISTHITHIVIKJANEEYAV UM MANUSHYAVAKASAPADAN AVUM	ES &HV	To understand the imptortance of nature and the issues faced by the nature. Create the ability to solve the problems related to environment. To aware human values
3	ML800402	DALITH-STHREE- PARISTHITHI SAHITHYAVICHARAM	G&EV	To understand and react with environmental, women issues

Department of BCom OM & SP

SI No	Course Code	Name of the course	Issue addressed	Objectives of the course
1-1	or and a second	Business Ethics & Corporate Social Responsibility	Human Values	The course aims to acquaint the students with various concepts of business ethics and practice of corporate social responsibility In India
2		Environment Management & Human Rights		To create an awareness regarding natural resources, environmental aspects of management, legislations involved and provide awareness on human rights.



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Department of English

SI No	Course Code	Name of the course	Issue addressed	Objectives of the course
1.	EN2CCT03	Issues that matter	Gender inequality Human values Environmental issues	It identifies and enables discussion over contemporary issues like gender equality and environmental issues
2.	EN5CRENT01	Environmental science and human rights	Environmental issues	Environmental Education encourages students to research, investigate how and why things happen, and make their own decisions about complex environmental issues by developing and enhancing critical and creative thinking skills. It helps to foster a new generation of informed consumers, workers, as well as policy or decision makers.
3.	EN6CRT11	Women writing	Gender inequality	It addresses issues faced by the women in society
4.	EN5CROPT03	English for Careers	Professional ethics	It enables students to encompass the personal and corporate standards of behavior expected of professionals.

Department of Zoology (SF)

SI No	Course Code	Name of the course	Issue addressed	Objectives of the course
1	ZY 4C ET01	Environmental Science- Concepts and Approaches	Environment and sustainability(ES)	To create a consciousness regarding biodiversity, and conservation strategies



2	ZY 4C ET02	Environmental Pollution and Toxicology	Environment and sustainability(ES)	To create an awareness regarding environmental issues
3	ZY 4C ET03	Environmental Management and Development	Environment and sustainability(ES)	To create an awareness regarding environmental issues and impacts

Department of BCom and Taxation Model II

SI No	Name of the course	Issue addressed	Objectives of the course
1	Human Rights	natural resources for the	To create an awareness regarding natural resources, environmental aspects of management, legislations involved and provide awareness on human rights.

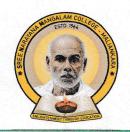
Department of M.Com

SI No	Course Code	Name of the course	Issue addressed	Objectives of the course
2.	CM010101	Specialised Accounting (M.Com	Green Accounting concepts	To have an understanding on Green accounting concept, scope & significance

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Head of the Institution

Principal in Charge S. N. M. College, Maliankara



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This is to certify that the institution has started compulsory MOOC course and implemented successfully into the curriculum for all first year undergraduates in the institution during 2021-22.

Title of MG University MOOC Course: Organic Farming

Number of students enrolled in the MOOC Course

Name of the Program	Number of Students
BA English	36
BA Malayalam	35
BSc Physics	25
BSc Chemistry	33
BA Economics	65
BSc Mathematics	15
B Com Finance and Taxation Model I	70
B Com Finance and Taxation Model II	58
BSc Botany	28
B Com Office Management and Secretarial Practice	35
BBA	38
B Com Computer Application	181
BSc Zoology	31
Integrated PG Programme in statistics	2

Head of the Institution Principal in Charge

S. N. M. College, Mallankara





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List of certificate courses offered in the UG and PG students related to Professional ethics (PE), Gender (G), Human Values (HV), Environment and sustainability (ES) during 2021-22

Name of the Course	Course Code	Issue addressed
Certificate course on Sree Narayana Guru- Life and Vision	SNMCC01	Human Values
Certificate course in Yoga	SNMCC02	Human Values
Value Education	SNMCC04	Human Values
First Aid and Emergency Care	SNMCC05	Human Values
Solar- LED Product Making	SNMCC08	Environment and sustainability

Head of Institution Principal in Charge

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List of seminars/talks/workshops etc related to Professional ethics, Gender Human Values, Environment and sustainability in the year 2021-22

Department of Physics

SI No	Name of the program	Date of the program	Issues addressed
1	Kerala State Electricity Board- Solar Project	01-09-2021	Environment and sustainability
2	World environment day celebrations	05-06-2021	Environment and sustainability

Department of Zoology

SI No	Name of the program	Date of the program	Issues addressed
1.	World Environment day	07-06-2021	Environment and sustainability
2	World Zooneses Day Celebrations	06-07-2021	Environment and sustainability
3	World Ozone Day Celebration	16-08-2021	Environment and sustainability
4	Reading Day	30-06-2021	Human Values
5	Independence day celebrations	15-08-2021	Human Values
6	Wildlife Week Celebration	07-10-2021- to 08-10- 2021	Environment and sustainability
7	Population Day	11-07-2021	Human Values



Department of Malayalam

SI No	Name of the program	Date of the Program	Issues addressed
1	Musiris Pradesavum Nattarivinte parinamavum	06-10-2021-08-10- 2021	Environment and sustainability

Department Economics

SI No	Name of the program	Date of the Program	Issues addressed
1	Music and emotional wellness	10-02-2022	Professional Ethics
2	Seed Distribution	14-02-2022	Environment and sustainability
3	Celebration of World cycling day and environment day	03-06-2021-06- 06-2021	Environment and sustainability

Department of Chemistry

SI No	Name of the program	Date of the program	Issues addressed
1	Plant sampling	05-06-2021	Environment and sustainability
2	Environment related poster making	16-09-2021	Environment and sustainability

Department of Botany

SI No	Name of the program	Date of the program	Issues addressed
1	Need of Conservation of Mangroves on International day	26-06-2021	Environment and sustainability



2	Conservation of Mangroves and restoration of mangrove ecosystem at Sathar islands	18-12-2021	Environment and sustainability
3	Flowers and Songs	04-11-2021	Environment and sustainability
4	Webinar on Wetlands Action for people and Nature	05-02-2021	Environment and sustainability
5	Entrepreneurial Botany	12-02-2021	Environment and sustainability

Department of Mathematics

SI No	Name of the program	Date of the program	Issues addressed
1	Introduction to Human Rights	06-09-2021	Human Values

Bhoomithrasena Club

SI No	Name of the program	Date of the program	Issues addressed
1	'Strive for a green future'.	05-06-2021	Environment and sustainability

Head of Institution Principal in Charge

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List of student projects related to Professional ethics, Gender Human Values, Environment and sustainability in the year 2021-22

Department of Chemistry

SI No	Name of the student	Project Title
1	Aleena Lenin	Preparation of bioplastics
5	Anandhu K M	Green Synthesis of ZnO nanoparticles
9	Sethulakshmi P P	Determination of water hardness using EDTA titration
10	Shadha Sidhique	Determination of water hardness using EDTA titration

Department of Physics

SI No	Name of the student	Project Title
1.	Anupama V M	Solar Mobile Charger
2.	Devika Chandran	Water Level Alarm
3.	Gouri C B	Fire Alarm
4.	Vinay Vinay	Alcohol Breath Alarm
5.	Yadhukrishna A B	Optical characterization of CuSe Thin Films
6.	Sona Suresh	Influence of reaction temperature on structural and optical properties of reduced graphene oxide

Department of Zoology

SI No	Name of the student	Project Tile
1.	Adithya K.S	Diversity of spider in Kuzhupilly beach
2.	Akhila C.A	The study of targeted survey of breast cancer patients in



		abnormality
21.	Arya Madhu	An Anatomical study in adaptations of wood pecker which prevent them from concussion
22.	Aryamol P.R	Diversity of Spiders in SN Puram Panchayath, Thrissur Dist. Kerala
23.	Bhavya T.M	The Study on effect of natural and synthetic food on the growth of guppy fish (Poecilia reticulate)
24.	Dhiya .P	The Study of targeted survey of Thyroid Patients in Chittattukara Panchayath
25	Fiza M. Sageer	The study on effect of natural and synthetic food on the growth rate of tilapia fish
26	Karthika K.S	The study of targeted survey of Thyroid Patients in Alangad Panchayath
27	Kausalya C.D	Fish Diversity in Edavanakkad Village
28	Krishna Chandana M.R	Molluscan Diversity in selected marine areas of Cherai and Puthuvype, Ernakulam district, Kerala
29	Meenu Chandran .C	Uterus Cancer Survey in Paravur Municipality.
30	Namithamol K.N	A study on the influence of negative trail pheromone in black garden ants, Lasius niger
31	Naseeha T.N	Comparative Study of Mollusc in Edavanakad and Cochin beach
32	Nayana C.A	The study of Biodiversity of mollusc in Fort Kochi beach
33	Niya N.V	How the chick breed inside its shell
34	Rahmath K.A	Diversity of any collection in my locality Mattupuram village
35	Sandhra A.R	Invertebrate diversity at kottuvally panchayath
36	Seethalakshmi N.V	Study of Diversity of Ants in Pallippuram village, Ernakulam,Kerala
37	Sradhakrishna K.U	Butterfly Diversity in Puthenvelikkara Panchayath
38	Sruthy A.S	Diversity of birds in Varappuzha Grama Panchayath
39	ALMA BIBIN	Comparitative study of insect diversity in mangrove forest and sacred grove of Paravoor Taluk, Ernakulam, Kerala.
40	FEMA THALIYATH	Diversity of butterflies(Lepidoptera: Rhopalocera) in mala and irinjalakuda region in Thrissur district.



		Kodungallur municipality
3.	Amrutha C.R	A STUDY TO UNDERSTAND THE LEARNING PROCESS IN GUPPIES
4.	Anamika T.R	Culture Of Moina Micrura With Yeast And Moringa
5.	Anjitha M.R	Diversity of Spider in Vadakekkara panchayath Ernakulam Dist. Kerala
6.	Anju T.R	Study of biodiversity of birds in Kolewetland, Thrissur, Kerala
7.	Anoop O.P	Comparative study of molluscan diversity valappu and puthuvype beach by identification of shells
8.	Archana P.U	Diversity of spiders in Cheriyapazhampillithuruth,Chendamangalam Grama panchayath,Ernakulam,Kerala
9.	Aswini M.T.P	Diversity of ants in SNM College campus, Maliankara
10.	Bhagyasree P.P	Odonates in selected areas of Ezhikkara Panchayath
11.	Greeshma C.D	Diversity of Butterflies in Methala Village
12.	Krishnendu V.S	Vermicompost Efficiency and Quality of Vermicompost with different verm food as substrate
13.	Nissy Jiju	Diversity of Spider in Panjipalla Puthenvelikara Panchayath, Ernakulam district, Kerala
14.	Sandra C.S	The Study Of Menstruation Among Females Of Edakochi Village
15.	Sandra K.S	Diversity Of Brackish Water Fishes In Njarakkal Village, Ernakulam, Kerala
16.	Sooraj Sivadas C	A Preliminary Survey on food habits and life style diseases of selected people around SNM College Maliankara
17.	Sreelakshmi T.P	The Study On Insect Diversity In SNM Maliankara Arts And Science College
18.	Sruthi Sallap P.S	The study of targeted survey of diabetes mellitus patients in Kuzhupilly
19.	Swethakrishna AR	The Study of Targeted survey of Diabetes Mellitus Patients in Pallipuram Panchayath
20.	Anjali P.A	To investigate chance percentage of PCOS in patients with thyroid



41	JASNA GANESH	Diversity of borers in Kadannappally Panappuzha Grama panchayat, Kannur, Kerala.
42	JIBITHA MOL P. J	Diversity of micro and Macro Biofolers in Munambam area.
43	KARTHIKA P K	A comparative study of the ichthyo faunal diversity of two selected mangroves of Ernakulam district, Kerala.
44	KEERTHANA JAYARAJ	Isolation, quantification and molecular identification of protease producing bacteria from soil.
45	MEGHA M. M	A study on spider diversity in five different habitats of Koodali panchayath, Kannur, Kerala
46	RESHMA N S	A study of parasites that infest common edible fishes.
47	SAJINI. J	Isolation, quantification and molecular identification of keratinase producing bacteria from poultry waste.
48	SETHULAKSHI K K	Study on moth diversity in kakkanad, Ernakulam district
49	SNEHA K	A study on ant diversity in five different Habitats of Iritty Municipality, Kannur, Kerala.
50	SOORYA P	A study on butterfly diversity at Banasura sagar dam of Wayanad district, Kerala.
51	SREETHRISHA C	Study on relationship between metrological parameters and mosquito population, in Edathiruthy, Thrissur District, kerala.
52	VINNI VARGHESE	Effect of temperature and volume of water on growth of tadpoles at Mattathur, Trissur, Kerala.

Department of Finance and Taxation Model II

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SI No	Name of the student	Project Tile	
1.	Akhila K P	A study on work life balance along women professionals	
2.	Manisha K R	A study on impact of covid 19 on employment in IT Sector	
3	Reshma P R	A study on the impact of covid 19 on Transport Sector	

Department of Finance and Taxation Model I

	Name of the student	Project Tile
No		



1.	Nijin George	A study of attitude of consumers towards Green products

Department of Botany

Department of Botany			
SI No	Name of the student	Project Title	
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 Cantharanthus roseus	
9.	HRITHIK KRISHNA M.S	Pharmacological review on Catharanthus roseus	
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 Curcuma angustifuliu Roxb	
13.	Gopika P S	Preliminary phytochemical analysis and nutritional analysis of Colocasia esculenta	
14.	Gopika M G	Studies on calcium oxalate crystals of economically important plants of family Araceae	
15.	Divya M S	Callus indr,rction and phytochemical evaluation of Tinospora crispa (1.) Hook. f. & Thomson	



16.	Sandra M U	Comparative study of morpho-anatomical features and preliminary phytochemistry of three different species of genus Coleus
17.	Krishnapriya V M	Preliminary phytochemical analysis and nutritional analysis of Zingiber fficinale Rosc.
18.	Neethumol K S	Effect of plant extract and fungicide on seed borne fungl and seedling growth in Oryza sativa (iyothi)seed
19.	Anjana Satheesan	Analysis of microreen's growth parameters using different substrate
20.	Sruthy K P	Preliminary phytochemical analysis and anthelmintic activity of leaf extracts of Nyctanthes arbor-trist is L.
21.	STENI D. SILVA	Impact of invasive species in the terrestrial and aquatic ecosystem
22.	Amrutha Dinesh	Growth kinetics of marine microalgae Nannochloropsis oculata (Droop 1995) Hibberd 1981 infl2 and walnes media

Department of Malayalam

SI No	Name of the student	Project Tile
1	ANAGHA T S	സൈബർ നോവലുകളുടെ സവിശേഷതകൾ -എം മുകുന്ദന്റെ നൃത്തം എന്ന നോവലിനെ ആസ്പദമാക്കിയുള്ള പഠനം
2	ВІЛТНА К В	സ്ത്രീയും അതിജീവനവും മലയാള സിനിമയിൽ
3	SRUTHY A V	ദളിത്, സ്ത്രീ പരിപ്രേക്ഷ്യം മലയാള സിനിമയിൽ - പുഴു എന്ന സിനിമയെ മുൻനിർത്തിയുള്ള പഠനം
4	SRUTHY RAMESH	അധികാര ലിംഗ കുടുംബ ആവിഷ്കാരങ്ങൾ സമകാലിക മലയാള സിനിമകളിൽ - ദി ഗ്രേറ്റ് ഇന്ത്യൻ കിച്ചൺ, , സാറാസ് ,, തിങ്കളാഴ്ച്ച നിശ്ചയം എന്ന സിനിമയെ മുൻനിർത്തിയുള്ള പഠനം
5	AMEERLA E S	കണ്യാർ കളി: ദേശം,സമൂഹം, സംസ്കാരം
6	DAYA SOJAN	ചേന്ദമംഗലം കൈത്തറി നേരിടുന്ന പ്രശ്നങ്ങളും



		പരിഹാരമാർഗങ്ങളും
7	GADHA V R	മലയാളം ട്രോളുകൾ- ഭാഷയും സംസ്കാരവും

Department of Commerce

SI No	Name of the student	Project Title
1.	AKASH V D	Consumer behaviour towards social media marketing
2.	ARDRA ANIL	A study on the impact of covid 19 pandemic on medical tourism development in kochi
3.	JAYASURYAN M S	Impact of Covid-19 on Women Entrepreneurs in North paravur
4.	MEGHA KU	A study on the impact of covid 19 pandemic on medical tourism development in kochi
5.	NITHYA K D	Study on attitude of consumers towards green products
6.	PRAVEEN V P	Consumer behaviour towards social media marketing
	SANDESH LIJU	Equity Shareholders Preferences Of Madras Rubber Factory

Department of Economics

SI No	Name of the student	Project Title
1.	Athira Santhosh	Kudumbasree mission during covid 19 with special reference to Kadungallur Panchayat
2.	Sheryasri	Cause and effect of Dowry system with special reference to Vadakkekara Panchayat
3.	Anagha M R	The attitude of college students towards online shopping in Ernakulam District
4.	Meghadas P M	Recognition and marketing opportunities of A GI TAG in Handloom products: A study of Chendamangalam Handloom
5.	Sona C Sasankan	Cost benefit analysis of Pisciculture in Vypin Block Panchaayat



6.	Vismaya T B	A study on Homestead farming in Kerala during Pandemic period
7	Anjana C J	A study on the technological changes in the fishing sector in Kerala: A case study on Cherai region
8	Nirmal Jayaram	A study on the electronic payment system among students with special reference to SNM College, Maliankara
9	Abhay K B	A study on Peeling workers and the problems faced by them: Special reference to Edavanakkad Panchayat
10	Arya P S	A study of impact of covid 19 on street ventors in Paravur Muncipality
11	Athira M V	A study on waste management in householders of Ernakulam District
12	Haritha K S	Role of Janaushadhi Mission reducing consumer expenditure on medicine- a microlevel study at Kodugallur muncipality
13	Arya P S	Management of Municipal Solid waste a case study of Kochi Corporation

Head of Institution Principal in Charge

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