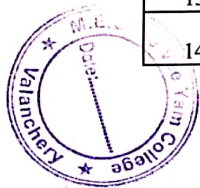


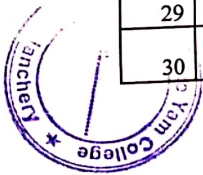
The list of programmes being conducted in the college which addresses the said cross-cutting issues is as follows:

Sl.No	Title of the Programme	Related to	Date
1	Talk on "Women in Politics" by Dr. (Lt.) P. Mohamedali	Gender Sensitization	18-07-2014
2	Debate -"Job or Family, Which One Do You Choose"?	Gender Sensitization	07-08-2014
3	Elocution and Quiz Competition in connection with Women Equality Day	Gender Sensitization	22-08-2014
4	A special session on "Body Image" by Mr. N. M. Varghese	Gender Sensitization	30-08-2014
5	Training for "Jewellery and Ornament Making, Decorating Pots and Flower Vases"	Gender Sensitization	01-09-2014
6	A workshop on "Soap Making, Balm & Cream Preparation"	Gender Sensitization	16-09-2014
7	Talk on "Kudumba Suraksha Samoocha Suraksha" (Secure Family Safer Society) by Adv. Sujatha S. Varma	Gender Sensitization	07-12-2014
8	Talk on the topic "Successful Women Entrepreneur" by Mr. N. M. Varghese	Gender Sensitization	03-03-2015
9	Orientation class on "Successful Higher Education after Marriage" by Mr. N. M. Varghese	Gender Sensitization	18-08-2015
10	Attending District Level Self Defence Programme for women at Malappuram Special Police Camp, Malappuram	Gender Sensitization	14-09-2015 – 18-09-2015
11	Taekwondo Training for girls	Gender Sensitization	21-11-2015 – 20-12-2015
12	Collage competition in connection with International day for Elimination of Violence against Women	Gender Sensitization	26-11-2015
13	One day seminar on "Gender and Women Empowerment-Tarang"	Gender Sensitization	22-02-2016
14	Guidance for outgoing girl students Mr. N. M. Varghese	Gender Sensitization	03-03-2016

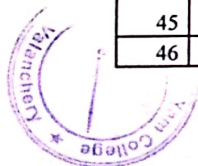



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15	Women Self Defence Programme- Nirbhaya	Gender Sensitization	18-03-2016 - 24-03-2016
16	Educational talk on "Menstrual Hygiene" by Prof. K. M. Rukkiya	Gender Sensitization	25-03-2016
17	"Chilanka - Rhythm of Life" -District level gathering of transgender	Gender Sensitization	21-08-2016
18	Session on "Yoga and Meditation for Girls" by Prof. Manjula Raman	Gender Sensitization	20-09-2016
19	Premarital counselling by Mr. N. M. Varghese	Gender Sensitization	26-09-2016
20	Symposium on "Stress Management for Girls" by Mr. N. M. Varghese	Gender Sensitization	12-10-2016
21	Workshop on "Healthy Diet during Pregnancy"	Gender Sensitization	26-10-2016
22	Seminar on "Women Empowerment" by Adv. Sujatha S. Varma	Gender Sensitization	06-12-2016
23	Motivational talk on "Women in Politics" by University Union lady vice chair person Sajitha E. M.	Gender Sensitization	07-02-2017
24	Open discussion about "Women Empowerment" on Women's day	Gender Sensitization	21-03-2017
25	Establishment of Women's Club	Gender Sensitization	27-03-2017
26	Mime on "Female Foeticide"	Gender Sensitization	11-06-2017
27	Yoga class for girls on International Yoga Day	Gender Sensitization	21-06-2017
28	Talk on "Higher Education for Girls" by Dr. (Capt.) Abdul Hameed C.	Gender Sensitization	14-07-2017
29	Women's Self Defense Training (WSDT)Programme -Nirbhaya	Gender Sensitization	01-08-2017 - 02-08-2017
30	A class on "Health and Hygiene" by Dr. Anitha Vishwambharan	Gender Sensitization	04-10-2017

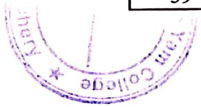


31	Premarital counselling session by Mr. N. M. Varghese	Gender Sensitization	08-11-2017
32	"Taekwondo Martial Classes" for girl students	Gender Sensitization	07-12-2017
33	Training on "Cake Making"	Gender Sensitization	05-02-2018
34	Invited talk on "Balancing Education with Family after Married Life" by Mr. N. M. Varghese	Gender Sensitization	02-03-2018
35	A postmarital counselling session by Mr. N. M. Varghese	Gender Sensitization	05-03-2018
36	"FEMME FEZ" unique programme for girls	Gender Sensitization	08-03-2018
37	Awareness class on "Reproductive Health" for girls	Gender Sensitization	09-03-2018
38	Peer talk on "Stress Management" by Ms. Shajima	Gender Sensitization	12-07-2018
39	Talk on "Role of women in Society" by Dr. Abdul Hameed C.	Gender Sensitization	26-07-2018
40	Symposium on "Stress Management" for female students by Mr. N. M. Varghese	Gender Sensitization	20-09-2018
41	Sports counselling to female athletes by Mr. N. M. Varghese	Gender Sensitization	26-09-2018
42	Premarital counselling session by Mr. N. M. Varghese	Gender Sensitization	27-09-2018
43	Premarital counselling classes by Premarital Counselling Centre in the college	Gender Sensitization	29-9-2018 - 30-9-2018, 06-10-2018 - 07-10-2018
44	Establishment of the Premarital Counselling Centre	Gender Sensitization	29-09-2018
45	Invited talk on "Legal Rights of Women" by Adv. Kavitha Sankar	Gender Sensitization	13-10-2018
46	Premarital counselling classes by Premarital Counselling Centre	Gender	20-10-2018 - 21-



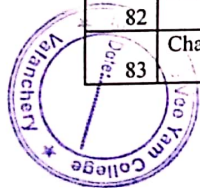
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		Sensitization	10-2018, 27-10-2018 - 28-10-2018
47	Lecture on "Personal Hygiene and Healthy Diet" by Dr. Abdul Hameed C.	Gender Sensitization	26-10-2018
48	"Judo-Karate classes" for female students	Gender Sensitization	02-11-2018 - 15-12-2018
49	Premarital counselling classes by Premarital Counselling Centre	Gender Sensitization	03-11-2018 - 04-11-2018, 10-11-2018 - 11-11-2018
50	A talk on "Transgender- Myth and Reality" by Riya Isha	Gender Sensitization	09-11-2018
51	Premarital counselling classes by Premarital Counseling Centre	Gender Sensitization	15-12-2018 - 16-12-2018, 22-12-2018 - 23-12-2018
52	Premarital counselling classes by Premarital Counseling Centre	Gender Sensitization	05-01-2019 - 06-01-2019, 12-01-2019 - 13-01-2019
53	Poster making competition- "Child Yesterday, Today and Tomorrow"	Gender Sensitization	21-01-2019
54	Seminar on "Women's Safety" in collaboration with Kerala Kaumudy Daily	Gender Sensitization	05-03-2019
55	Class on "Menstrual Irregularities and Sexual Hygiene"	Gender Sensitization	12-06-2019
56	"FEMME-FEZ"-Cultural meet for girls	Gender Sensitization	12-06-2019
57	Family Meet of Mentally Retarded People	Human Values	08-10-14
58	Family Meet of Mentally retarded people	Human Values	18-10-2014
59	Visit to Pratheekshbhavan(Old age home)	Human Values	23-11-2014



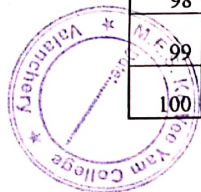
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60	Secular Rally	Human Values	18-02-16
61	Socio economic health survey	Human Values	22-09-2016
62	Road safety awareness class to school and college students	Human Values	17-10-2016
63	"Snehapoorvam Amma" – antinarcotic drama at adopted village	Human Values	15-02-2017
64	"Lahariku Parayanulath"(What the drugs have to say)	Human Values	30-03-2017
65	Observation of Communal Harmony	Human Values	24-11-17
66	Enroute Hope(Visit to Children's Home)	Human Values	19-12-2017
67	National Seminar on Challenges to Secularism and Democracy in India	Human Values	12-02-18
68	National Seminar on Modern Humanism	Human Values	26-07-18
69	Collected flood relief fund to Wayanad	Human Values	13-08-2018
70	Grand Parents Meet on International Old Ager's Meet	Human Values	06-Oct-18
71	Tribal visit to Uriyampatti Colony, Wayanad	Human Values	11-01-2019
72	House hold survey under Unnath Bharath Abhiyan	Human Values	11-03-2019, 16-03-2019,
73	Enroute Hope(Visit to Children's Home)s	Human Values	22-03-2019
74	Inauguration of Helen's House – Facilitation Centre for the Differently Abled	Human Values	27-Mar-19
75	Symposium in connection with Academic Chair for Humanistic Studies	Human Values	22-May-19
76	NSS raised Rs. 1 lakh for the treatment of a cancer affected child	Human Values	
77	Ragging awareness class	Human Values	18-07-2014
78	Awareness class for students on cybercrime	Human Values	21-10-2014
79	Campaign against narcotics	Human Values	01-12-2014
80	International Day against Drug Abuse and illicit Trafficking	Human Values	26-06-2015
81	Pedagogical Approaches and Digital Technologies for Effective Teaching Learning	Professional Ethics	20-10-2015 to 25-10-2015
82	CALEM Workshop	Professional Ethics	26-05-2016 to 1-06-2016
83	Challenges of Kerala Model Education in Ensuring Employability among Youth	Professional Ethics	9-02-2017 to 10-02 2017



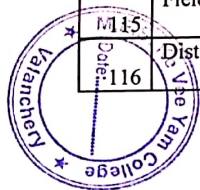
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84	Effective Classroom Management and Digital Learning	Professional Ethics	29-07-2017 and 5-07-2017
85	CALEM Workshop	Professional Ethics	22-01-2018 to 25-01-2018
86	Training Programme on Effective Academic Administration	Professional Ethics	1-12-18
87	CALEM Workshop	Professional Ethics	27-04-2019 to 30-04-2019
88	Workshop on Intellectual Property Rights	Professional Ethics	5-03-2018
89	Cycle rally to Waynad in collaboration with Go Green Campaign	Sustainable Environment	09-04-2015
90	Invited talk on "Importance of Biodiversity and Environmental Impact Assessment in Sustainable Development" by Dr P.R Arun	Sustainable Environment	05-06-2015
91	Invited talk on "Biodiversity, Climate change and common future" by Dr A. Bijukumar	Sustainable Environment	08-07-2015
92	Invited talk on "Climate change and copepod diversity" by Dr. V. K. Ashraf Mayan	Sustainable Environment	11-08-2015
93	Invited talk on "Impact of Changing Monsoon pattern on the breeding of Freshwater fishes" by Dr P.C Shaji	Sustainable Environment	17-09-2015
94	Study tour to Madhura, Rameswaram and Krusadi Island and Thiruvananthapuram	Sustainable Environment	6-10-15 to 9-10-2015
95	Invited talk on "Arctic Expedition an experience sharing" by Dr Bijoy Nandhan	Sustainable Environment	07-10-2015
96	KSEB Power Audit Training Programme by NSS	Sustainable Environment	08-10-2015
97	National Seminar on Climate Change and Dwindling Resources of Western Ghats	Sustainable Environment	15-12-2015 to 16-12-2015
98	Cycle rally by students in connection with Environment Protection Awareness Campaign	Sustainable Environment	11-01-2016
99	Protest against Cutting of trees	Sustainable Environment	21-03-16
100	Invited talk on "Conservation. Man and Nature in the Anthropocene" by Dr K.H Amitha Bachan	Sustainable Environment	10-06-16



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101	Invited talk on "Applied Entomology and Biological pest control" by O.P Abdu Rahman	Sustainable Environment	09-08-16
102	Class on Waste Management & Organic Farming By Satheesan Valanchery	Sustainable Environment	04-09-16
103	Class on Waste Management and Organic farming for adopted village	Sustainable Environment	04-09-2016
104	Adoption and Sustainable Development at Myladi Village	Sustainable Environment	01-10-16
105	Field trip to Thoovakkunnu near Kattyparuthi village	Sustainable Environment	15-11-16
106	Eco-visits	Sustainable Environment	15-11-2016
107	Invited Talk on "Poly House Farming,Organicfarming,Aquaponics –An experience sharing" byUmmerkutty	Sustainable Environment	17-01-17
108	Invited talk on "Nature Conservation" by Hameed Ali ,Vazhakad	Sustainable Environment	05-03-17
109	Visit to Bandhipur National Park Mysore	Sustainable Environment	03-04-17
110	World Environment Day Celebration	Sustainable Environment	05-06-17
111	Science awareness class Orgin and evolution of life by Ajith Master KSSP	Sustainable Environment	21-07-17
112	Bird Club inauguration	Sustainable Environment	21-07-17
113	Visit to Ayyappanov waterfalls	Sustainable Environment	07-08-17
114	Distribution of Karkidakakanji(herbal porridge)	Sustainable Environment	14-08-17
115	Field trip to Malambuzha	Sustainable Environment	19-08-17
116	Distribution of Cloth bags in adopted village	Sustainable Environment	02-10-2017



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117	Wild Life Quiz	Sustainable Environment	04-10-17
118	Wildlife Exhibition	Sustainable Environment	06-10-17
119	Rubella vaccination awareness day	Sustainable Environment	25-11-17
120	Visit to Kurichiya Tribes at Wayanad Hills	Sustainable Environment	16-12-2017
121	World Wetland Day Celebration	Sustainable Environment	02-02-18
122	Green auditing	Sustainable Environment	30-06-18
123	Bio diversity survey in tie up with Kerala State Biodiversity Board	Sustainable Environment	08-08-18
124	Fieldtrip to Kodikuthimala	Sustainable Environment	21-09-18
125	Photoexhibiton of Birds by Mr Vijesh Varghese	Sustainable Environment	06-10-18
126	Invited lecture on "Flood on Kerala-Cause and Impact"by Mr V.M Manoj(Health Inspector,Thirunavaya)	Sustainable Environment	06-10-18
127	Group discussion - Causes and Impacts of Flood in Kerala	Sustainable Environment	17-10-18
128	Educational Science Exhibition	Sustainable Environment	10-11-18
129	Green Palliative – Fund raising for Palliative Care by selling Paper pens	Sustainable Environment	15-01-19
130	Canal Cleaning By NSS Volounteers	Sustainable Environment	18-03-19 & 19-03-2019
132	Swachh Bharath Abhiyan Campaign	Sustainable Environment	12-05-2018



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K.N. APPUDAM

**The list of courses in each programmes related to environment and sustainability ,
gender sensitization , human values and professional ethics are:**

Sl. No	Name of the Programme	Name of the Course	Course Code	Relevant to
1.	Msc Zoology	Ecology, Ethology Systematics and Evolution	ZO2CP03	Environment and Sustainability
2.	B.Sc Polymer Chemistry	General Course IV: Nutrition and Health	A14	Professional Ethics
2.	M.Com	Quantitative Techniques for Business Decisions	MC1C2	Professional Ethics
3.	M.Com	Income Tax Law &Practice	MC3C12	Professional Ethics
4.	M.com	Research Methodology	MC3C13	Professional Ethics
5.	B.Sc Polymer Chemistry	General Course III: Entrepreneurship Development	A13	Professional Ethics
6.	B.Sc Polymer Chemistry	Environmental Chemistry	CHE5D01	Environment and Sustainability
7.	B.Sc Physics	Non Conventional Energy Sources	PH5D01(1)	Environment and Sustainability
8.	B.Sc Zoology	Environmental Biology, Wild Life Conservation and Toxicology	ZO5B06T	Environment and Sustainability
9.	B.Sc Zoology	Nutrition, Health & Hygiene	Z05D02T	Environment and Sustainability
10.	B.Sc Psychology	Environmental Studies	Audit Course	Environment and Sustainability
11.	B.Sc Psychology	Disaster Management	Audit Course	Human Values
12.	B.Sc Psychology	Social Psychology	PSY5B02	Human Values and Professional Ethics
13.	B.Sc Psychology	Health Psychology	PSY5B05	Human Values
14.	B.Sc Psychology	Life Skill Development	PSY5D02	Human Values
15.	B.Sc Psychology	Life Skill Education: Applications and Training	PSY6B04	Human Values
16.	B.Com Finance	Human Resource Management	BC3C03	Human Values
17.	B.Com Finance	Entrepreneurship Development	BC4A13	Professional Ethics
18.	B.Com Finance	Qualitative Techniques for Business	BC4C04	Professional Ethics
19.	B.Com Finance	E-Commerce	BC5D01	Professional Ethics
20.	B.Voc Retail management	E-commerce and General informatics	GEC1EC03	Professional Ethics



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21.	B voc Retail management	Retail logistic Management	SCD2RM05	Professional Ethics
22.	B voc Retail management	Retail shopping Behaviour	SDC2RM06	Professional Ethics
23	B voc Retail management	Personality and Soft Skills Development	GEC3PS08	Human ValuesS
24	B voc Retail management	Retail Stores & Operations Management	SDC3RM09	Professional Ethics
25	B voc Retail management	Store Display and Visual Merchandising	SDC3RM10	Professional Ethics
26	B voc Retail management	Entrepreneurship DevelopmentBC4A13	GEC4D11	Professional Ethics
27	B voc Retail management	Quantitative Techniques for Business	GEC4QT12	Professional Ethics
28	B voc Retail management	Elements of Salesmanship	SDC4RM13	Professional Ethics
29	B voc Retail management	Retail Advertising & Sales Promotion	SDC4RM14	Professional Ethics
30	B voc Retail management	Conference and Event Management	GEC5EV13	Professional Ethics
31	B voc Retail management	Mall Management	GEC5MM14	Professional Ethics
32	B voc Retail management	Retail Planning	SDC5RM17	Professional Ethics
33	B voc Retail management	Retail Targets & Locations	SDC5RM18	Professional Ethics
34	B.com CA	Human Resource management	BC5B09	Human Values
35	B.com CA	Enterpreneurship development	BC4A13	Professional Ethics
36	B.com CA	Quantitative techniques for Business	BC4C04	Professional Ethics
37	B.com CA	Basics for Enterpreneurship development and Management	BC5D02	Professional Ethics
38	B.com CA	Banking and Insurance	BC4A14	Professional Ethics
39	B.com CA	Income tax and Practice	BC6B12	Professional Ethics
40	B voc Optometry	EWM1B01) Environmental Science	GEC4ES11	Environment and Sustainability
41	B voc Optometry	Nutrition	GEC5NU13	Environment and Sustainability
42	B voc Optometry	Geriatric & Pediatric Optometry	SDC5GP17	Environment and Sustainability



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Academic Chairs

- **Dr. P K Abdul Gafoor Chair for promotion of Secular Values**



P. K. Abdul Gafoor was the founder President of Muslim Educational Society (MES) and one of the pioneers of education amongst the Muslim community in Kerala. He was a medical doctor by profession and served as a Professor of Medicine at Calicut Medical College. In 1964, Dr. Abdul Gafoor and a group of young educated Muslims established MES at Calicut, with the objective of cultural, educational and economic upliftment of Muslims. The glorious vision of the 'Dr. P K Abdul Gafoor Chair for the promotion of secular values is to honour the contributions of the great leader towards the educational development of backward communities and for appraising his ideology of secular values throughout his life. The objectives are to act as a forum for discussion on contemporary issues threatening the concept of secularism; conduct lectures and seminars on issues related to protection of secular values in India; and to honour people and organizations working towards the protection of secular values.

- **Dr. N K Muhammed Chair for promotion of value based higher education**



It was the long and concerted efforts of the local population under the visionary leadership of Dr. N. K. Mohammed, the first practitioner of modern medicine in this locality, among others and involvement of Muslim Educational Society, which culminated in the establishment of MES Keveeyam College Valanchery in 1981. He was affectionately called as the 'Doctor' by the local people. The vision of Dr. N K Muhammed Chair is to honour the contributions of the great soul in the educational development of the region. The objectives are to conduct lectures, seminars and work shops on value- based higher education by inviting eminent personalities; to act as a forum for discussion on improvement of quality higher education and to provide scholarship for financially backward students pursuing research in premier institutes in India.

- **N. Damodaran Chair for Humanistic Studies**



N Damodaran was an eminent follower of the great philosopher, MN Roy. He was one of the great humanists in Kerala who inspired a generation through his thoughts and deeds. He wrote many books and articles of which *M. N. Roy: Satyanweshiyaya Viplavakari* won the *Kerala Sahitya Academy Award in 1990*. The academic chair envisions a platform for studies on his humanistic thoughts for post graduate and research students.

For activities of the academic chairs Please visit:
<http://meskeveeyamcollege.ac.in/Home/AcademicChairs/Academic%20Chairs>

Secular Rally: A rally was organized in connection with the secularism campaign. The rally began at the college campus and marched to Valanchery town. The rally was flagged off by Smt. Shahina Teacher (Chair Person, Valanchery Municipality).



Secular Rally



Solace to the Destitute

BSc Polymer Chemistry students visited Thavanoor Children's Home. They interacted with the inmates and celebrated children's day by playing various games and distributing sweets. Prizes were distributed for the winners as well.



M E S KEVEEYAM COLLEGE VALANCHERY

Malappuram-Kerala

Phone: 0494 – 2644380, 2642670, 2641347(Fax)

www.meskvmcollege.org, Email: principal@meskvmcollege.org

Date:20/7/2014

CIRCULAR

Department of Chemistry plans to organize a campaign against narcotics in neighboring schools in association with the Department of Excise, Govt. of Kerala. The campaign named ‘Yuvaraksha: Samoohasuraksha’ is scheduled to be held on 27-6-2014.

Principal

Yuvaraksha Samooahasuraksha

27-6-2014

Department of Chemistry has organized a massive campaign against narcotics in association with the Department of Excise, Govt. of Kerala. The campaign named 'Yuvaraksha: Samooahasuraksha' (*Save Youth To Save Society*) received widespread attention in the district. Certificates were awarded to the participants of Yuvaraksha-Samooaha suraksha by the excise department in a ceremony held on 27-6-2014. Mrs.Khadeeja Narghese , social activist, distributed the certificates. Activities of Anti Narcotic Club of the College were inaugurated on the same day by by Mrs.Khadeeja Narghese. An awareness class on the usage of drug abuse was conducted by the officials of the Excise Department.



Coordinator


Principal



Invited Lecture on Climate Change

Department of Physics organized an invited talk on climate change by Dr. M R Ramesh Kumar, chief scientist, National Institute of Oceanography, Goa on 16-01-2019. The talk provided the participants with insights on the impacts of climate change on daily life. Dr. Ramesh Kumar went into different reasons for the increase of temperature and the frequent occurrence of extreme weather events with the help of various videos. The session was an interactive one as the audience clarified doubts.

2018-19



Click on Sign and place sign

World Wetland Day observation

World Wetland Day (2-02-19) was observed by organising a bird watching camp in the wetlands of Kadalundi. Sri. Vijesh Kadalundi, ornithologist guided the students.

2017-18

- **Ayyappanov -7/8/17**

The final year B Sc Zoology students were taken to Ayyapponov waterfalls near Athavanad as part of their field trip in order to build environmental awareness in the students



- **Field study to Malampuzha - 19/8/2017**

The final year B Sc Zoology students visited Government Fish Seed Hatchery Malampuzha and Dhoni Diary Farm as part of their field study



2016-17

- 15th November 2016 a one day field trip was conducted to the nearby Thoovakunnu nearby Kattipparithi Village

2015-16

- Visit to Silent Valley National Park on 17th December 2016



2018-19



2017-18

Dr. M Zeenath Environmentalist and former HOD of the department of Zoology made a talk based on Need for environmental conservation

Sri. Sathyan Meappayur, Ornithologist, delivered a talk on Common birds of Kerala”.

Sri V C Balakrishnan Secretary, SEEK District Co Ordinator, Kannur District Biodiversity Board, made a lecture on Butterfly diversity and larval food plants”

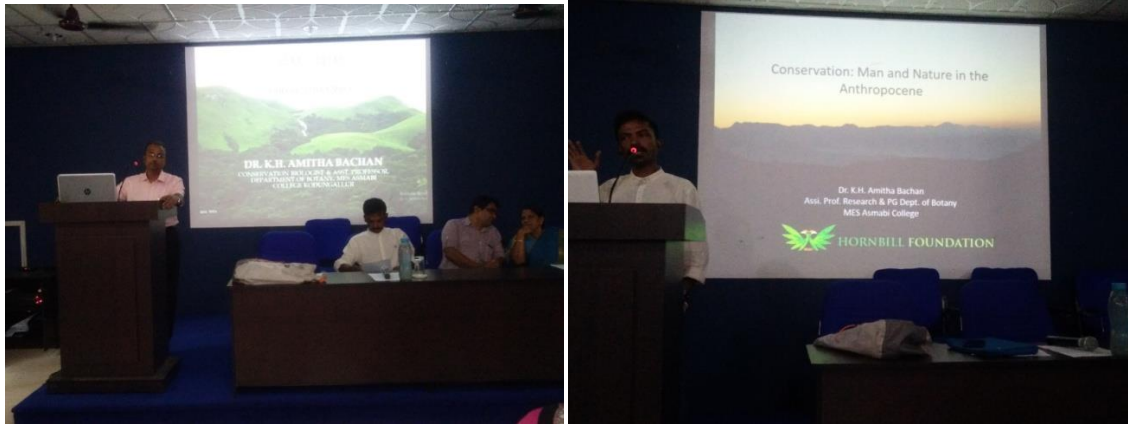


Dr. M Zeenath on “ Need for
Environmental conservation”

Sri. Sathyan Meappayur, Ornithologist
on “Common birds of Kerala”

2016-17

Dr. Amitha Bachan on Conservation: Man & nature in the anthropocene



Sri Ummerkutty talking on Poly house farming, Organic farming, Aquaponics – An experience sharing



Sir OP Abdu Rahman, Interaction on biological pest control method.



2015-16

The students of the Department conducted a protest against the cutting of trees at Alinchuvadu on 21st March 2016.



Students conducted an awareness campaign in and around the campus regarding the ill effects of indiscriminate cutting of trees



2014-15

Western Ghats Conservation .

Saji sir of KSSP and Ajith kumar a well known environmentalist talked with the students . The students actively participated in the Padayathra conducted for conservation of Western Ghats



SURVEY ON THE FLOOD IMPACT ON THE BIODIVERSITY

The Kerala State Biodiversity Board conducted a "Rapid assessment of Biodiversity of Flood

of the panchayath at Malappuram. Then Focus Group Discussion was conducted at the Panchayath on 17-10-2018. The ward members of the affected regions, Agriculture Officer, Veterinary doctor, ASHA workers of affected wards, BMC members, 5 student

affected Areas of Kerala" as per the instruction of the Kerala Government in association with KILA. As part of it the department of Zoology was entrusted with an assessment survey on the Impact of Biodiversity on Irimbilyam panchayath, one of the worst affected panchayaths in the Malappuram district. Two faculty, Krishna Prabha K S and Thushara U attended a 2 day state level training workshop at Karmasadan, Alappuzha. The participants were trained to use the ODK software used in the survey.

Following the state level workshop, a district level workshop was conducted on 15th October along with the members of the local self governing body and BMC

volunteers were invited to the FGD. Field survey was conducted by students in the 13 affected wards under the leadership of 2 faculty and 5 trained volunteers. 1st semester UG and PG students participated in the survey. After



Students carrying out Biodiversity Survey

completing the survey, a consolidated survey report was submitted to the Board.

Green Auditing

Green Auditing of the campus is conducted by the department. A pre-audit awareness survey was conducted in the campus by randomly selecting 50 students. After the survey a Campus Green Corps was formed by including the interested students who volunteered for the conduct of green audit. Solid waste, water, carbon emission, plastic and food waste generation were assessed along with energy consumption. The number of automobiles entering in and going out of the campus was recorded to analyze the carbon emission. Solid waste was segregated for analysis. For this waste bins were placed in different areas of the campus. Biodiversity was also monitored during the audit period.



1.0 INTRODUCTION

1.1 General

MES Keveeyam College, is a general **PG** college located in Valanchery, Malappuram district, Kerala. It was established in the year 1981. The college is affiliated with Calicut University. This college offers different courses in arts, commerce and science.

M E S Keveeyam College Valanchery has completed 38 years of dedicated service to the society in the realm of higher education. The College has endeavored to fulfil its institutional mission with great success benefitting students of socially and economically marginalized groups of Malappuram and nearby districts. The institution is sensitized to the need for improving the quality of higher education which, needless to say, is a long term investment the society makes, expecting returns by way of human resource development. We have always strived to fulfil this expectation.

Be a leading centre of higher learning nurturing all-round academic excellence along with core human values: a vibrant institution which enlightens the youth just as it enriches and empowers them and remains a resource centre for the larger community. Three faculties were awarded PhD, there are over 20 publications in International/National Peer reviewed journals by the faculties of the college and there are 10 presentations in International and National Conferences during the past 5years. Research articles based on the MSc project works of two of the students of the Departments of Chemistry have been accepted for presentation in International conferences, one in China and other in Bhubaneswar, India. There are three National Service Scheme units in the college. Through them students involve themselves in co-curricular activities, intellectual discussion, and community service. The college has a unit of Senior Division NCC Army wing. Enrolment is opened to boys and girls. Dr Abdul Hameed holds the position of NCC Officer. Practise sessions are being held by the officer to make the students fit for the role. The college has been ranked 51 by national institutional ranking framework (NIRF) of Ministry of Human Resource Development. Govt. of India in 2017. The ranking was based on the performance of college in progression of students, employment, university examinations, research, consultancy, projects, extension activities etc.



Fig1: Front View of MES Keveeyam College, Valanchery

1.2 Milestones in the History of the College

- 1981 The College started functioning as a junior college under the management of the Muslim educational society
- 1981 Library Started.
- 1991 The college was upgraded as a degree college.
- 1991 The department of Zoology was started.
- 1993 B.Com degree course was started
- 1995 The first BSc degree course in polymer chemistry was started
- 1998 M Sc. Polymer chemistry was started
- 1999 The B Sc. Physics main courses were started with Mathematics and Computer Applications as subsidiaries.
- 2001 The degree course in Functional English was started.

- 2003 A state of the art language Lab was established.
- 2003 ED club of this college was started.
- 2004 POLYCHEM was started.
- 2005 Road Safety Club Was started.
- 2005 The library started getting UGC assistance
- 2006 Red Ribbon Club was started.
- 2011 Kanma Infotainment Club was started
- 2013 The BCA and M.com was started.
- 2013 PG course in English was started.
- 2013 M A. in English Language and Literature was started
- 2013 Department of Chemistry has started an innovative programme, 'chembuds'.
- 2013 Yuvaraksha Samootha Suraksha ciub was started.
- 2014 Solid State and Nano Physics Society (SSNPS) was started.
- 2014 Department of Chemistry recognised as research centre
- 2017 Birds Club Inauguration

1.3 INTERNAL QUALITY ASSURANCE CELL (IQAC)

THE INTERNAL QUALITY ASSURANCE CELL (IQAC) IQAC was established in the college after the visit of the NAAC Peer Team in 2006-07. It is playing a vital role in decision making and implementation of all the activities regarding academic and infrastructure development.

1.3.1. Functions of IQAC

The following are the main functions of IQAC operating in the College.

- a) Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution.
- b) Dissemination of information on the various quality parameters of higher education.
- c) Organization of workshops, seminars on quality related themes and promotion of quality circles
- d) Documentation of the various programmes/activities leading to quality development.
- e) Acting as a nodal agency of the institution for quality related activities.
- f) Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.

1.3.2 Objectives

- a) To develop a system of conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- b) To assure all the stake holders connected with higher education about the quality of education provided by the institutions.

1.3.3 Benefits

IQAC will facilitate or contribute

- a) To a heightened level of clarity and focus in institutional functioning towards quality enhancement and facilitate internalization of the quality culture.
- b) To enhance and integrate various activities of the institution and institutionalize many good practices.
- c) To provide a sound basis for decision making to improve institutional functioning.
- d) To act as a change agent in the institution.

2.0 ACADEMIC ACTIVITIES

2.1. Teaching, Learning and Evaluation

MES Keveeyam College a pioneer educational institution functioning in the rural setting has different courses to suit the requirement of the students. This College is affiliated Calicut University. The admissions to the various courses were processed centrally through online Admission Portal maintained by the Calicut University. This ensures transparency in the admission process. Being an Aided Government college, the reservation policy of the Government is strictly adhered to. The institution also caters to the needs of different sections of society. The college also has separate plans for advanced learners and slow learners in the form of WWS and SSP.

The library motivate the reading habits of students. Teaching methods are adopted according to the type of curriculum and needs of students. Training programmes are arranged for teachers within and outside the campus to improve the quality of teaching-learning process. Special attention is given to the differently abled. A well-structured system for evaluation of teachers by students and Teachers' work dairy are methods for appraisal and improvement of teacher's performance.

The FLAIR team with their international and national training background introduced newer methods of teaching. MES Local Management, IQAC and College Council work as a team for the enrichment of teaching learning and evaluation process.



Fig2: Pathway into the Campus.

2.2. Research, Consultancy and Extension

The college promotes research activities among the faculty members and students. The research activities are monitored and coordinated by the Research Promotion Council. A good number of teaching faculties possess guide ship; many are carrying out research projects and generating publications in journals of National and International repute. Faculties make presentations of research papers in international and national seminars. Research is composed of two syllables, a prefix re and a verb search. Re means again, a new or over again. Search means to examine closely and carefully to test and try and probe. The two words form a noun to describe a careful and systematic study in some field of knowledge, undertaken to establish facts or principles (Grinnell, 1997). Research promotion council is to promote research attitude among the faculty. Research will help the faculty, students and the general public to have latest information in various fields. Research will help to have latest technologies and techniques, which can be used for the betterment of human life. To throw light on the field of measurement highlighting the need for and direction in different disciplines. Research council instigates teachers to take up studies in various fields. The methodology for studies has been clearly informed to the teachers. Properly formulated, specific objectives will facilitate the development of the research methodology and will help to orient the collection, analysis, interpretation and utilization of data.

The NSS, NCC, Road Safety Club, Women Empowerment Club, Tourism Club, Red Ribbon Club, Anti narcotic club, Health club and sanitation, Human right forum, International Bird club, Green Campus Initiatives, and nature club are actively engaged in social activities including environmental issues. There are three National Service Scheme units in the college. Through them students involve themselves in co-curricular activities, intellectual discussion, community service. The college has a unit of Senior Division NCC Army wing. Enrolment is opened to boys and girls. Dr. Abdul Hameed holds the position of NCC Officer. Practice sessions are being held by the officer to make the students fit for the role.

2.3. UG and PG Programme Offered in the College

Various under graduate programme are conducting in MES Keveeyam Valanchery. The College is having 10 Under Graduate Courses and 5 PG Courses. Details of under graduate and PG courses conducted in the College is given in the following tables.

Table 1: Under Graduate Courses.

Programme	Sl No:	Name of the programme	Entry qualification	Medium of instruction	Sanctioned strength	Number of students admitted
Undergraduate	1	Bsc Polymer Chemistry	Higher Secondary	English	33	33
	2.	BA English	Higher Secondary	English	46	46
	3.	Bcom Finance	Higher Secondary	English	107	60
	4.	Bcom Computer Application	Higher Secondary	English	60	60
	5.	Bsc Zoology	Higher Secondary	English	32	32
	6.	Bsc Physics	Higher Secondary	English	39	39
	7.	Bsc Psychology	Higher Secondary	English	31	31
	8.	Bvoc Optometry & Ophthalmological Techniques	Higher Secondary	English	50	29
	9.	Bvoc Retail Management	Higher Secondary	English	50	24
	10.	BCA	Higher Secondary	English	23	23



Fig 3: Front entry into the Campus

Table 2. PG Programmes Available in the College

Programme	Sl No:	Name of the programme	Entry qualification	Medium of instruction	Sanctioned strength	Number of students admitted
Postgraduate	1.	M Com	Degree	English	21	21
	2	M Sc Polymer Chemistry	Degree	English	12	12
	3.	M Sc Physics	Degree	English	12	12
	4.	M Sc Zoology	Degree	English	12	13
	5.	MA English	Degree	English	13	13

Details of Teaching and Non- teaching Staff available in the college is given in the following table.

Table 3: Number of Teaching and Non- Teaching positions in the Institution

Positions	Teaching faculty				Non-teaching staff			
	M	F	Sanctioned	Filled	M	F	Sanctioned	Filled
Professor								
Asso.Professor	1	3	4	4	10	11		
Asst.Professor	7	16	23	23				
Guest lecturers	14	24						



Fig 4: View of inside campus

Nearly 1300 students are admitted every year to various Under Graduate and Post Graduate Courses in the College. Details of students is given in the following table.

Table 4. Number of the students admitted to the college during the last four academic years. (UG)

Categories	2014-15		2015-16		2016-17		2017-18	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	25	98	29	102	33	108	31	111
ST	0	0	0	0	0	0	0	0
OBC	136	331	172	412	243	516	280	606

GEN	18	40	28	48	9	23	18	32
Others (Sports)	0	0	0	0	0	0	0	0
Total	179	469	229	562	285	647	329	749

Table 5. Number of the students admitted to the college during the last four academic years. (PG)

Categories	2014-15		2015-16		2016-17		2017-18	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	4	9	2	11	1	13	1	12
ST	0	0	0	0	0	0	0	0
OBC	10	54	11	86	12	107	10	91
GEN	01	20	1	20	0	18	2	20
Others (Sports)	0	0	0	0	0	0	0	0
Total	15	83	14	117	13	138	13	123

2.4. Other Courses and Facilities

The College offers ten UG Programmes in job oriented subjects such B.sc (polymer chemistry, Zoology , Physics, Psychology) , BA English , B.com finance ,B.com Computer Application , Bvoc Optometry & Ophthalmological Techniques ,Bvoc Retail Management and BCA and 5 PG Programmes such as M Com , MSc Polymer Chemistry , MSc Physics ,MSc Zoology and MA English.

An off campus study centre of University of Calicut under the School of Distance Education is functioning in the college. There are over 1000 students attending degree courses at the centre. Most of them are working class people used to undergo their graduation through this study centre. The classes for them are arranged only on Saturdays and Sundays. The classes begin at 10 AM and ends at 4.30 PM. For a degree student, he/she should attend 4 sessions per paper. Each sessions has a duration of 2 ½ hours. All the students who undergo graduation through this study centre are treated exactly that of a regular student admitted in a college except in the duration of the classes.

2.5 Library

The primary mission of our Library is to collect, organize, and disseminate information to serve students, faculty and other staff on roll of the college to meet their educational, professional and recreational needs. Being the central hub of the teaching learning process of the College, the library caters to the educational needs of the academic community.

Library started functioning in the year 1981 with modest facility. It began with a few books & periodicals for the pre- degree students and staff. With the introduction of various UG and PG courses, the library has also grown in tandem over all expansion .The library started getting UGC assistance only in 2005. The library shifted to a spacious new building in 2007. The new building is functional and modular in construction. It has an area of 1059.69 sqm. In two floors – Ground floor and upper ground floor. It has a collection of about fifteen thousand books and subscribes to 59 periodicals and 13 newspapers. The Library follows the “Anglo American Cataloguing Rule” for cataloguing and “Dewey Decimal Scheme of Classification” for the classification of books. The central library is fully automated.

The ground floor houses Newspaper reading section, Circulation section, reprographic (Photocopying section), Technical section, General reading Area, Periodical section, catalogue section, Stack area ,book bank section, new arrival displaying section, Librarians cabin, property counter ,and toilet etc. E-library, Internet browsing centre, Reference section, Audio visual Theatre, Career guidance corner, and Bound periodicals section. The Library offers online public access catalogue-(OPAC) a computerized catalogue service. Most of the books in the library are bar coded. This helps the circulation counter in issue and return of books quickly. Members are given bar - coded ID cards and books are issued on producing the I D cards. Book magic is the software used in the library for its automated activities. Loan period of Books can be renewed by sending a request to the Librarian, specifying the membership number and accession numbers of the documents to be renewed. Book lending service is provided to all the members of the library.

A degree student is entitled to get three books and PG student six at a time. Teaching staff are entitled to get ten books and non-teaching staff five books. A book is issued for a period of fourteen days and it can be renewed for further two terms.



Figure 5: Front view of Library Building.

2.6. Internet Facility

Apart from departments, internet facility is provided in library, language lab, computer lab, office, and IQAC room.

2.7 Sports

The college provide facilities to students to play various games in the evening. Every effort is made to develop the talent of the students. The students are always helped by the members of the staff of the Physical Education. The offered games are the following.

- Cricket
- Badminton
- Football
- Hammer Throw
- Volleyball
- Weight Lifting
- Basket Ball
- Athletics
- Taekwondo

The welfare schemes which are made available to students by the institution are the following.

- Girl friendly toilets for students.
- Assistance from PTA to needy students.
- Drinking water facility.
- Supply of food in subsidized prize in the canteen.
- Financial assistance from the Staff club to cultural programs organized by students union.

3. GREEN AUDITING

3.1 Background and Need Assessment

The process of Green Auditing aims at accessing the present environmental settings and to inculcate the habit of environment friendly living among the students. With the above objective the MES Keveeyam College Valanchery decided to conduct GREEN AUDITING in the College. It has also been decided to engage a professional organization for conducting the auditing work. Also decided to involve students in the process in order to give them a sense of ecofriendly living.

The term “Green” means eco-friendly or not damaging the environment. This is called as “Global Readiness in Ensuring Ecological Neutrality” (GREEN). “Green Accounting” can be defined as “systematic identification, quantification, recording, reporting & analysis of components of ecological diversity & expressing the same in financial or social terms. “Green Auditing”, an umbrella term, is known by another name “Environmental Auditing”. In auditing literature both the terms are being used interchangeably. To implement the green audit other important aspects such as objective of green audit. Drivers of green audit, future scope, benefits, and advantages are necessary to understand. The green audit practically involves energy conservation, use of renewable sources, rain water harvesting, and efforts of carbon neutrality, plantation, hazardous waste management and E-waste management. Finally, Green audit is a requirement of NAAC Committee evaluation to the junior college. The concept of Green Audit, industries are using it as a management tool to evaluate the environmental standards; industries can perform better and better for the sustainable development of the organization. The experiments on the nature by avoiding natural rules, this can be a one major reason behind that is Green Audit

The intention of organizing Green Audit is to upgrade the environment condition in and around the institutes, colleges, companies and other organizations. It carried out with the aid of performing tasks like waste management, energy saving and others to turn into a better environmental friendly institute.



Fig 6: Herbal Garden inside the Campus

Green Audit is the most efficient and ecological way to solve an environmental problem. The experiments on the nature without avoiding natural rules, can be a one major reason behind Green audit process. Green Audit is one kind of professional care which is the responsibility of each individual who are the part of economic, financial, social, environmental factor. It is necessary to conduct a green audit in college campus because student should aware of the green audit process, its advantages to save the planet and they become good citizen of our country. Thus Green Audit become necessary at the college level.

People are not properly caring of nature and they are directly or indirectly damaging the environment and it causes problems like; global warming, difficulties in maintaining ozone layers, air pollution, water pollution etc. Green Audit is the most efficient and ecological way to solve such an environmental problem. For protecting the nature as a human being we have to show our sense of humour towards the mother earth. In corporate sector, the practice of saving environment through the various programmes like CSR (Corporate Social Responsibility), GO Green, Save Water, Save Trees, Plantation of trees are to be taken. It will definitely work for the future. This activities are aiming for interest among the people on environmental protection.

That is the only way out to safeguard the planet. It is necessary to conduct a green audit in college campus because student aware of the green audit, its advantages to save the planet and they become good citizen of our country. Green audit and sustainable

development process help to reduce the wastage and associated cost as well as increases the product quality. Obviously, there is relationship between Green Audit and Sustainable Development of the any business organization. The primarily needs for achieving the sustainable development of the business are to determine the Green Audit policy, Green Audit Framework, Accurate implementation, and Result analysis of it. Strong Green Audit process can help to achieve the sustainability. Green Audit framework helps to achieve the goal set by an organization. Green Audit is linked to Sustainable development process. Green audit and sustainable development process help to reduce the wastage and associated cost as well as increases the product quality.

3.2 Audit Team

The MES Keveeyam College Valanchery has decided to conduct the Environmental Audit in association with a competent agency with active involvement of student and teachers in the College. With this aim it was decided to conduct the Environmental Auditing / green Auditing of the College jointly with a team from the College in association with an external competent Organization Viz; Muscat Projects & Environmental Services Pvt. Ltd, Thiruvananthapuram, Kerala.

3.2.1 Internal Audit Team

A team of faculty and students of MES Keveeyam College involved in collection of baseline data for the Audit by involving Nature Club and NSS Club functioning the College. Details of team members is given in the following table.

Table 6. Details of Internal Auditing Team Members

Sl. No	Name of Members	Department
Faculty Members		
1.	Dr C Rajesh	Chemistry
2	Prof. Krishnaprabha	Zoology
3	Mrs Minshiya P	Chemistry
4.	Mr. Shahabas	Botany

5.	Dr Mohammed Riyas K	Computer Application
6.	Prof. Nisab T	Commerce
7.	Mrs. Athira Radhakrishnan	English
8.	Ms. Devika	II B Sc Polymer Chemistry
9.	Ms. Fida	II B Sc Physics
10	Ms. Reshma	II M Sc Zoology

3.2.2 External Audit Team

The External Team is headed by the CEO of the Organization (Muscat Projects & Environmental Services Pvt. Ltd.) Er. M. Dileep Kumar, Former Senior Environmental Engineer of Kerala State Pollution Control Board and former Director of Suchitwa Mission, Local Self Government Department, Govt. of Kerala, who has about 34 years of service in the area of implementation of environmental legislations, preparation of project reports for solid waste management, Septage management, slaughter houses etc. Er. M. Dileep Kumar has also been involved in providing technical support for establishing Sewage Treatment Plant and standalone Septage Treatment Plant at Brahmapuram through the KSUDP, viz Kerala Sustainable Urban Development Project. He also had experience in preparing and evaluating various projects for solid and liquid waste management as part of official engagement in Kerala State Pollution Control Board, KLGSDP, State Planning Board and various local bodies.

The Study Team is having other Team Members comprising of Sri. Renjith R.S. Project Engineer who is Graduate in Chemical Engineering, Sri. Anoop G.R. Project Associate, a Graduate in Civil Engineering, Sri. Arun Sagar.P Project Engineer who is Graduate in Civil Engineering and Sri. Jinin D.C Project Associate, a Graduate in Civil Engineering and they are the staff members of Muscat Projects & Environmental Services Pvt Ltd. The above mentioned team had associated with the task of conducting of Environmental Auditing.

The team had also having experience in preparing similar Environmental Audit Report for Government Sanskrit College, Thiruvananthapuram and MES College, Marampally, Ernakulam.

3.3 Objective of Auditing

The process of Green Auditing/ Environmental Auditing has begun initially in United States of America (n USA). Green Auditing were not started in USA by local authorities, but were the commercial establishment to show their response to national requirements. Auditing were the result of legislation which made the companies responsible for environmental damage they were causing. In 1970's the U.S Government adopted the "Polluter Pays" principle and in order to avoid liability, the Company is resorted to broad performance reviews and compliance audits. This helped the companies to evaluate how they were performing with regards to control of pollution. Gradually the concept of Environmental Auditing has been extended so that the governmental and local institution in its purview.

A typical Environmental Audit involves the analysis of inputs and outputs and looks into the environmental impact of raw materials used and the product that are produced . The Environmental auditing should be open, objective and honest and freely available to the community and environmental group so as to raise environmental issues in the community.

3.4. Objectives of the Green Auditing

This Green Audit is conducted in an educational institution therefore the main aim of this auditing is to evaluate the system and facilities available in the college for creating a community with sense of environmental protection for sustainable living and to equip them to hand over the environment in better manner to the next generation.

Therefore the main objective of the Green Auditing are;

- To evaluate preliminary status of water, air and natural environment protection activities within the campus.
- To assess level of energy conservation activities in the Campus.
- To assess the status of solid and liquid waste management activities in the campus.

- To assess the social activities undertaken by the students related to environmental protection.
- To identify the gaps in the above mentioned areas for initiating actions from the College level and for rectifying it.
- To make College Campus a more environmentally sustainable and eco-friendly institution in future.
- To create a sense of eco-friendly living among the students in order to guide them to live in an eco-friendly manner

4.0. ECO FRIENDLY ACTIVITIES UNDERTAKEN IN THE CAMPUS

4.1. Rain Water Harvesting Activities

The College campus is situated in a land of low altitude terrain thereby availability of water especially during summer season is a real challenge if there is no proper ground water recharging. There is real challenge to meet the water requirements of day scholars and hostlers. The College has adopted multiple approach for harvesting the rain water and to recharge the ground water to meet the water demand of the College. As part this activities the college has initiated an approach for converting the available land in different levels for facilitating harvesting rain water and storage of local ground water.

The approach adopted in the campus for rain water harvesting activities are the site specific multi prong type suitable for the whole area, including the surroundings. The activity undertaken within the Campus is the natural way of rain water harvesting activities undertaken by forming a series Terrance Bunds. Under this activity, the whole land has been divided into different rain water harvesting zones by making terrace bunds. Due to terrace bund, flow of rain water over the land can be retarded and allowing the rain water to penetrate in to sub surface part of the soil for recharging the ground water. During heavy rain a part of over flow water from the land is being diverted to the nearby storm water drain for conveying it the nearby low lying area / old paddy fields. Due to this activities the College has succeeded in keeping the ground water table at higher levels during summer season. Thereby there is no need of bringing drinking water from outside sources using tanker Lorries



Fig 7: Well inside the Campus

Another effort taken by the College Management is the establishment of Water KIOSK at different places in the campus for meeting drinking water needs of the students. The College has established 3 Water KIOSK at different places within the Campus for making drinking water available to the students and staff.

In addition to the above the College had also initiated action for providing extended service to the society through its Nature Club and NSS Units in Rain Water Harvesting activities in the surrounding areas. As part of this activity, they have involved in providing support for their Rain Water Harvesting activities in nearby Schools situated around the College. The aim of this activity is to create the culture of social service among students and to create awareness for natural way of rain water protection activities



Fig 8: View of Water KIOSK established in the Campus

4.2 Solid Waste Management Activities in the Campus

There are two student's hostel and a canteen functioning in the Campus. The college management has given importance for proper management of Solid and liquid waste generated in the campus. In the case of solid waste, especially easily biodegradable waste (Food Waste), there is a system of storage of waste at the source of generation. Waste from different places are being collected and utilizing the Biogas Plant established in the campus for treatment and disposal of easily degradable waste. Remaining part of not easily Biodegradable type of solid waste is also being collected from different part of the College Campus and Buildings and transported in to a Compost Pit made in the Campus for imparting natural way of composting. Compost made from this activity is utilizing for vegetable cultivation/ gardening in the Campus. The College is also promoting zero use of fertilizer and pesticide and trying to create awareness among students for using bio fertilizers instead of chemical fertilizers and pesticides.

Plastics and other non-biodegradable waste are also collected from the entire campus area and stored in plastic bags for handing over the same to recyclers. Now the Campus is declared as a Plastic Free Campus by banning use of plastic carry bag within the Campus. Source level segregation and storage facility is made available in the Campus .A photo of the same is given below.



Fig 9: View of Segregated Storage of Solid Waste within the Campus

A survey on Solid Waste generation from various sources in the Campus has been done. Quantification of daily generation of Biodegradable and Non-degradable waste is given in the following table. As per the Survey 250.9 kg of biodegradable waste and 30.759 kg of non-biodegradable waste is generated in the campus.

Table7: Quantity of Solid Waste in the campus

SLI NO	DAYS	TYPES OF WASTE (kg/Day)				
		Food waste	Food waste in canteen	Plastic waste	Paper waste	Leaf waste
1	Day 1	0.355	2.18	1.43	3.875	1.9
2	Day 2	1.685	1.8	1.2	1.51	1.605
3	Day 3	0.72	4.86	0.55	5.65	8.9
4	Day 4	0.66	3.785	1.925	11.53	17.495
5	Day 5	0.66	3.65	0.79	6.08	3.255
6	Day 6	1.36	3.4	1.385	3.39	21.975
7	Day 7	0.31	2.79	0.545	2.625	10.76
8	Day 8	1.015	2.15	1.04	1.395	5.325
9	Day 9	2.435	1.065	0.425	6.36	7.87
10	Day 10	1.795	2.73	1.03	3.325	15.91
11	Day 11	2.415	2.375	0.36	3.38	4.315
12	Day 12	1.845	1.575	0.795	1.91	18.31
13	Day 13	2.25	2.355	1.97	2.445	6.08
14	Day 14	1.509	1.59	0.998	4.35	10.62
15	Day 15	1.285	1.925	0.83	4.105	9.6
16	Day 16	3.37	2.15	1.04	7.75	10.275
17	Day 17	1.475	2.215	0.38	3.32	1.56
18	Day 18	1.68	1.96	0.316	2.535	3.38
19	Day 19	2.175	1.36	1	3.46	8.88
20	Day 20	1.215	3.45	1.19	6.255	3.5
21	Day 21	1.41	1.815	0.665	4.77	7.93
22	Day 22	1.955	2.04	0.83	5.64	2.88
23	Day 23	4.055	2.645	1.73	5.83	8.305
24	Day 24	2.145	1.815	0.395	4.035	5.48
25	Day 25	2.595	3.235	1.02	3.125	6.265
26	Day 26	0.94	2.475	1.465	2.5	7.84
27	Day 27	2.38	1.53	2.255	7.675	3.875
28	Day 28	1.14	1.615	1.515	1.21	2.745
29	Day 29	1.535	1.835	1.43	3.875	8.44

30	Day 30	1.415	2.385	1.2	1.51	4.64
Total		49.784	70.755	30.759	123.06	229.915
Average		1.59	2.47	1.08	4.52	7.36

There is one canteen functioning within the campus and Solid Waste from that canteen is disposed of utilizing a Floating Dome type Biogas Plant installed in the back side of the Canteen Building. They are utilizing the Biogas generated from the plant in the Kitchen for cooking/ Hot water generation. Remaining waste is being composted in the Traditional Compost Pit made in the Campus. Photo of Biogas plant is given below.



Fig 10: Biogas Plant in Campus.

There is separate hostel facilities in the Campus for Boys and Girls and situated at the both ends of the boundary. In Girls Hostel for treatment and disposal of food waste, there is a fixed dome type Biogas Plant operating in the compound of the Hostel. Biogas generated

from that Biogas plant is utilizing in the Hostel for cooking / hot water making in the Kitchen. The Hostel is also having girl friendly toilets with Napkin Destroyer. Sanitary pads from the Girls Hostel is treated and disposed through the Napkin Destroyer. The Chimney of the Napkin Destroyer is having sufficient height therefore there is no chance of creating Air Pollution problems inside the Hostel building/ campus.

4.3 Liquid Waste Management Activities in the Campus

Liquid waste are mainly generated from Toilets and bathrooms in the Hostels, College Buildings and canteen. There is a proper system for segregated collection of Black Water from Toilets of Hostels and College Buildings and Grey water generated from Bath Rooms and Kitchens of Hostels and canteen. Black water from toilets of Boys Hostel and Girls Hostel is being collected, treated and disposed of utilizing proper Septic Tank and Soak Pit system constructed in the Campus. Black water from toilets of all College Buildings are also collected, treated and disposed of utilizing onsite Septic Tank and Soak Pit system constructed in the Campus. There are 2 major Septic Tanks and Soak Pits units are functioning in the Compound for this purpose. As per the Indian Standards (BIS code IS 2470 of 1981), septic tank and Soak Pit system is permissible for Hostels and institutions having a unit size less than 300 students. Here there are 10 Septic tank Soak pit Systems are provided in the Campus for treatment and disposal of Black water in a de-centralized manner. Hence the facilities provided in the Campus for treatment and disposal of black water is sufficient and statutorily admissible method of disposal.

Table 8: Quantity of Water Supplied in the campus.

S L N O	DAYS	Water usage -Boys centre	Water usage -Girls centre	Water usage- Bathroo m girls	Water usage - GYM	Water usage- open auditoriu m	Water usage- Commerce block	Water usage- main block	Water usage- canteen
		(KLD)	(KLD)	(KLD)	(KLD)	(KLD)	(KLD)	(KLD)	(KLD)
1	Day 1	0.792	19.578	5.275	16.896	10.037	24.12	34.68	16.23
2	Day 2	0.461	20.963	5.634	17.332	10.466	25.06	44.68	17.667
3	Day 3	1.263	23.328	6.164	17.766	11.336	26.01	60.7	17.925
4	Day 4	0.376	24.808	7.538	19.756	13.19	28.06	92.85	18.959
5	Day 5	0.59	29.321	8.115	21.035	14.935	30.56	110.61	19.904

6	Day 6	0.74	31.066	9.035	22.565	16.035	33.13	122.23	20.922
7	Day 7	0.065	34.576	9.935	23.036	18.185	35.26	135.48	21.563
8	Day 8	0.505	35.65	10.058	23.708	18.935	35.98	139.56	21.653
9	Day 9	0.107	36.75	10.878	24.838	20.016	38.16	159.54	23.09
10	Day 10	0.598	36.144	10.988	25.106	21.316	40.38	167.9	24.221
11	Day 11	0.2	38.55	11.538	26.045	22.415	42.15	175.18	24.873
12	Day 12	0.175	39.445	12.215	26.998	23.516	44.45	186.31	25.19
13	Day 13	0.335	40.988	13.121	27.345	25.316	46.18	198.42	26.013
14	Day 14	0.34	42.514	13.958	28.186	26.158	48.58	215.36	26.965
15	Day 15	0.141	43.045	14.318	28.835	27.518	49.98	227.57	28.128
16	Day 16	0.305	43.985	15.315	29.918	29.338	51.18	235.51	28.705
17	Day 17	0.52	44.615	16.519	31.117	31.116	52.13	249.78	28.916
18	Day 18	0.299	44.815	17.155	33.216	33.215	54.36	258.12	29.313
19	Day 19	1.013	45.25	18.346	34.416	35.515	56.41	261.13	30.083
20	Day 20	0.82	46.315	19.185	35.336	36.618	57.98	272.19	32.403
21	Day 21	0.75	47.919	19.936	37.218	38.215	59.18	292.48	33.933
22	Day 22	1.077	49.318	21.355	39.515	39.629	60.82	301.58	36.277
23	Day 23	0.323	51.339	22.135	40.516	41.136	61.75	312.25	38.383
24	Day 24	1.177	52.515	23.625	41.319	43.516	63.36	327.89	43.013
25	Day 25	2.221	55.138	23.915	42.316	45.819	65.45	336.18	44.691
26	Day 26	1.6	58.638	24.516	44.516	48.133	68.56	348.25	48.639
27	Day 27	1.579	63.718	25.318	46.315	52.34	72.48	356.12	51.853
28	Day 28	1.121	66.816	26.128	49.415	55.416	75.56	371.36	56.034
29	Day 29	0.478	69.717	27.516	52.618	58.186	24.12	34.68	59.772
30	Day 30	2.202	73.128	29.316	54.415	60.255	25.06	44.68	63.574

Total	22.173	363.39	479.05	961.61	809.38	1347.28	5993.91	390.924
Average	0.7372	41.682	15.96833	29.820	30.92737	50.307	225.908	14.915



Fig11: Photo of Strom Water Percolation Drain

In the case of Grey water there is separate Soak pits near to all sources of generation of Grey water for treatment and disposal in a natural way. The above mentioned activities are aiming for conserving natural resources and for recovering resource from waste. The ultimate aim this activities are aiming for giving a message to the students on the necessity of conserving the natural resources and to utilize the waste materials for recycle, reuse to the

maximum extent and eco-friendly living culture. The activity is benefiting the campus to keep the Campus clean and tidy and to keep it in a hygienic manner

4.4 Energy Management

Electricity to campus is supplied by the Kerala State Electricity Board Limited. (KSEBL) .The College is encouraging students to minimize the use of electricity and encouraging for use of natural light and ventilation to the extent possible in the Class Rooms. The College management has also initiated action for utilizing Renewable Energy for minimizing use of electricity supplied by KSEBL. As part of this initiative, action has been taken for tapping of Solar Energy a form of renewable energy from the available open space/ roof tops. The College has imitated action for establishing a Solar Power Generation Unit within the Campus. They are in the process of preparing proposals for that for submission to the appropriate authorities for getting subsidies / funds including the College Management/ corporate office. They are planning to operate the Library fully with Solar Power.

4.5 Landscape/ Environmental Beautification



Fig 12: Bamboo Cultivation with in the Campus

The College Campus is made student friendly by making Benches/ sitting places within the Campus. Action has been taken by the college authorities to provide seating facility under the trees for encouraging students to spend time near to the trees during their

leisure hours. The existing trees and plants are maintained neatly. The Campus is maintained with trees plants and grass. There is a good number Trees of traditional type as well as garden plants within the campus. Local trees like Coconut, Jackfruit and Mango trees are planted within the campus for giving shade and greenery environment in the Campus.



Fig 13: Plantain Cultivation with in the Campus

The College in association with Kerala Biodiversity Board has developed a Bamboo Corner by planting Bamboo trees in the bank of the paddy filed. This area is having well grown up Bamboo trees for providing a resting place for the students. There is an herbal garden within the campus.

4.6 Transportation

Majority of students and staff are utilizing College buses and public transport system for minimizing the usage of own four wheeler and two wheelers for their travel. There is one College buses, operating in an efficient manner for covering almost all areas around the College for collecting students. Remaining are utilizing public transport system for their

travel needs. This indicates that they are achieving the target of using lesser carbon footprint of student in the transportation sector.

4.7 Open space in the Campus

The College Campus is having **13 Acres (52546 sqm)** of land situated in a Rural setting at Marampally near to Aluva in Ernakulam District, Kerala. The College Buildings are well designed so that all building spaces are getting sufficient air and natural light. The main block of college Building is a well-designed building and its Architectural beauty is notable and it is maintained neatly. The College Buildings are having a total built up area is **48,600 sq. ft** .It is about **10.81 %** of total land area. This indicates that minimum built up area and thereby succeeded in maintaining maximum open area within the Campus. Details of Built up area available in the Campus is given in Table 9.



Fig 14: Built up Seat below trees in the Campus

Table 9: Details of built up area in the College Campus

Building /Functional Use	Numbers	Area (sqft)	Total Area (sqft)
Class rooms(UG)	27	600	16200
Class room (PG)	10	400	4000
Computer room	2	1400	1400
Smart Class rooms	10	400	4000
General Library	1	7000	7000
Dept. Libraries	3	200	600
Reading Room	3	200	600
Edusat studio	0	0	0
Language laboratory	1	900	900
Research room	2	800	1600
IQAC	1	200	200
Staff rooms	6	400	2400
HOD rooms	2	200	400
Examination hall	0	0	0
Assembly Hall	0	0	0
NSS room	1	200	200
Students union room	0	0	0
Cooperative store	1	300	300
Continuing education centre	1	200	200
Staff club	0	0	0
Seminar hall	1	800	800
Fitness centre	1	1000	1000
Principals room	1	600	600
Office	1	800	800
Ladies waiting room	1	1200	1200
E toilet	0	0	0
Synthetic loan tennis court	0	0	0
Cricket pitch	0	0	0
Volley ball court	0	0	0
Badminton court	0	0	0
Yoga room	0	0	0

Canteen	1	3000	3000
Girls rest room	0	0	0
Parking area	1	1200	1200
TOTAL AREA			48,600 sq. ft

4.8 Carbon Neutrality

The college is having a message of minimum use of carbon and maintaining carbon neutrality through its different activities. The following are the some of the activities under taken in the Campus.

- Water conservational activities.
- Recycle reuse and recovery of resource from waste.
- The campus is kept green by preserving trees, plants and grasslands.
- Trees and plants have been planted in the campus.
- Paper usage is kept minimal at office, library and student management are automated.
- Use of College bus and public transport system for minimizing use of scooter and cars.
- Good climate all over the year helps the college to minimize the use of fans and air conditioners.

5. BIODIVERSITY IN THE CAMPUS

The following results showed the data collected as a part of biodiversity analysis at MES Keveeyam College Valanchery during February 2019 to March 2019. The data is given below.

5.1 Checklist study of Invertebrate Fauna observed

Checklist for the Biodiversity Study conducted in the campus is given in the following Table.

Table 10: Checklist for Biodiversity Study conducted

Phylum : Arthropoda; Class : Insecta		
SI NO	COMMON NAME	SCIENTIFIC NAME
Order : Lepidoptera (Butterflies)		
1	Common Tiger	Danaus Chrysippus
2	Common Rose	Pachliopta Aristolochiae
3	Common crow	Euploea core
4	Blue Mormone	Papilio polytes
5	Common Jezibel	Delias eucharis
6	Common bush brown	Mycalesis perseus
7	Common mime	Papilio clytia
8	Common Indian Crow	Danmini tribe
9	Crimson jose	Pachliopta hector
10	Common Hedge Blue	Acytolepis puspa
11	Blue tiger	Tirumala limniace
12	Common Three Ring	Ypthima asterope
Order : Odonata (dragonflies and damselflies)		
SINO	COMMON NAME	SCIENTIFIC NAME
1	Green marsh hawk	Orthetrum sabina
2	Wandering glider	Pantala flavescens
3	Crimson marsh glider	Trithemis auroa
4	Ground skimmer	Diplacodes trivialis
5	Granite ghost	Bradinopyga geminata
6	Coromandel marsh dart	Ceriagrion coromandelianum

7	Pigmy darlet	Agriocnemis pygmaea
8	Yellow bush dart	Copera marginipes
9	Common picture wing	Rhyothemis variegata
10	Pied paddy skimmer	Neurothemis tullia
Order : Hemiptera (Bugs)		
1	Mealy bug	Planococcus citri
2	Giant water bug	Belostoma
3	Leaf footed bug	Acanthocephala terminalis
4	Southern green sting bug	Nezara viridula
5	Brown marmonata bug	Halyomorpha halys
Order : Orthoptera (Hoppers and crickets)		
1	Common grass hopper	Omocestus viridulus
2	Leaf hopper	Cicadela viridis
3	Cockroach	Periplanata americana
4	Tawny mole cricket	Scaptiscus vicinus
Order : Phasmatoidea		
SINO	COMMON NAME	SCIENTIFIC NAME
1	Leaf insect	Phyllium bioculata
Order : Hymenoptera (Bees, wasp and ants)		
SINO	COMMON NAME	SCIENTIFIC NAME
1	Honey bee	Apis mellifera
2	Carpenter bee	Xylocopa violacea
3	Oriental hornet	Vespa orientalis
4	Paper wasp	Polistes stigma
5	Weaver ant	Oecophylla smaragdina
6	Miniscule house ant	Tetramorium smith
7	Giant Honey ant	Camponotus irritans
8	Oder ant	Tapinoma melanocephala
Order : Diptera (Flies)		
SINO	COMMON NAME	SCIENTIFIC NAME
1	House fly	Musca domestica
2	House mosquito	Culex pipiens
3	Hover fly	Eupedes spp.
4	Yellow fever mosquito	Aedes aegypti

5	Fruit fly	Drosophila melanogaster
Order : Coleoptera (Beetles)		
SINO	COMMON NAME	SCIENTIFIC NAME

1	House fly	Musca domestica
2	House mosquito	Culex pipiens
3	Hover fly	Eupedes spp.
4	Yellow fever mosquito	Aedes aegypti
5	Fruit fly	Drosophila melanogaster
Order : Coleoptera (Beetles)		
SINO	COMMON NAME	SCIENTIFIC NAME
1	Scarlet lily beetle	Lilioceris lili
2	Lady beetle	Coccinella magnifica
3	Ground beetle	Scarites subterraneus
4	Tiger beetle	Cicindela depressula
5	Tortoise beetle	Aspidomorpha furcata
6	Black weevil	Otiorhynchus sulcatus
7	Bostrichid beetle	Xylopsocus capucinus
8	Dung beetle	Scarabaeus viettei
9	Rhinoceros beetle	Oryctes rhinoceros

Phylum Arthropoda; Class: Arachnida		
Phylum : Arthropoda		
SINO	COMMON NAME	SCIENTIFIC NAME
1	Red headed centipede	Scolopendra morsitans
2	Yellow spotted millipede	Harpaphe haydeniana
3	Oral web browser spider	Archanura angura
4	Ground runner spider	Oedignatha carli
5	Scattered line weaver	Pholeus phelangoides
Phylum : Annelida; Class : Oligochetae		
1	Common earth worm	Megascolex mauritii
Phylum : Mollusca; Class : Gastropoda		
1	Garden snail	Cornu aspersum
2	Fresh water snail	Pila globosa

1	Scarlet lily beetle	<i>Lilioceris lili</i>
2	Lady beetle	<i>Coccinella magnifica</i>
3	Ground beetle	<i>Scarites subterraneus</i>
4	Tiger beetle	<i>Cicindela depressula</i>
5	Tortoise beetle	<i>Aspidomorpha furcata</i>
6	Black weevil	<i>Otiorhynchus sulcatus</i>
7	Bostrichid beetle	<i>Xylopsocus capucinus</i>
8	Dung beetle	<i>Scarabaeus viettei</i>
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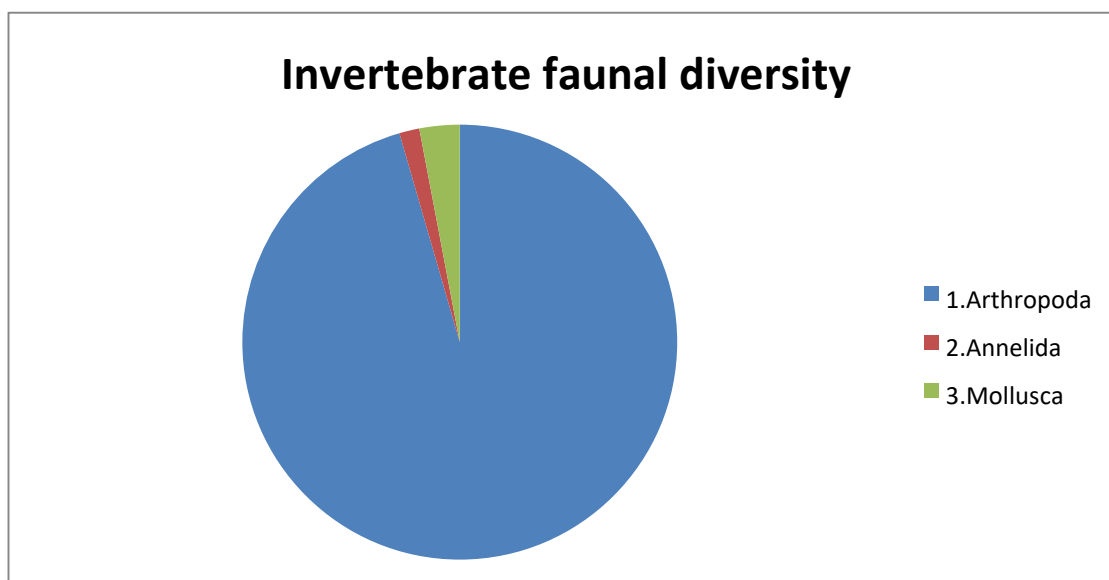


Figure 15: Invertebrate faunal diversity

Table 11: Checklist study of Vertebrates fauna Observed

Checklist study of vertebrates observed		
Class :Amphibia (Frog and toads)		
SINO	COMMON NAME	SCIENTIFIC NAME
1	Common frog	Rana temporaria
2	Common toad	Bufo bufo
Class: Re ptilia		
1	Garden Lizard	Calotes versicolor
2	Common forest lizard	Calotes calotes
3	House Lizard	Hemidactylus frenatus
4	Bronze grass stank	Eutropis macularia
5	Rat snake	Ptyas ptyas
Class :Av es (Birds)		
SINO	COMMON NAME	SCIENTIFIC NAME
1	House crow	Corvus splendens
2	Common myna	Acridotheres tristis
3	Asian Koel	Eudynamys scolopacea
4	Pigeon	Columba livia
5	House sparrow	Passer domesticus
6	Black kite	Milvus migrans

7	Parrot	<i>Psittacula eupatria</i>
8	Indian owl	<i>Bubo bengalensis</i>
9	Common kingfisher	<i>Alcedo atthis</i>
10	Great egret	<i>Ardea alba modesta</i>
11	Indian pond heron	<i>Ardeola grayii</i>
12	Common eagle	<i>Aquila Accipitridae</i>
13	Indian cuckoo	<i>Cuculus micropterus</i>
14	Crow pheasant	<i>Centropus sinensis</i>
Class :Mammalia		
SINO	COMMON NAME	SCIENTIFIC NAME
1	Five striped palm squirrel	<i>Funambulus pennantii</i>
2	Free –ranging cat	<i>Felis domesticus</i>
4	Grey mongoose	<i>Herpestes edwardsii</i>
5	House mouse	<i>Mus musculus</i>
6	Free-ranging dog	<i>Canis familiaris</i>

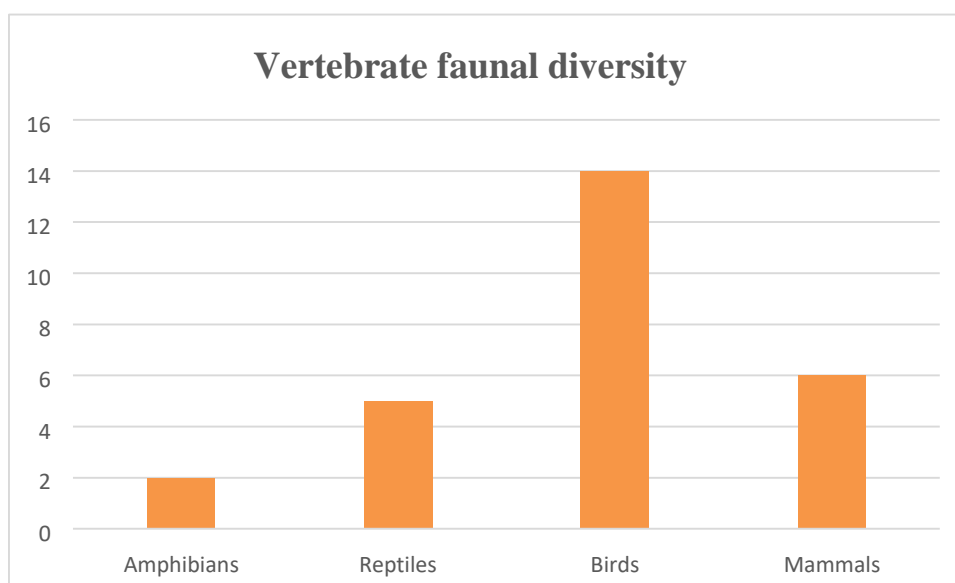


Fig 16: Vertebrate faunal diversity

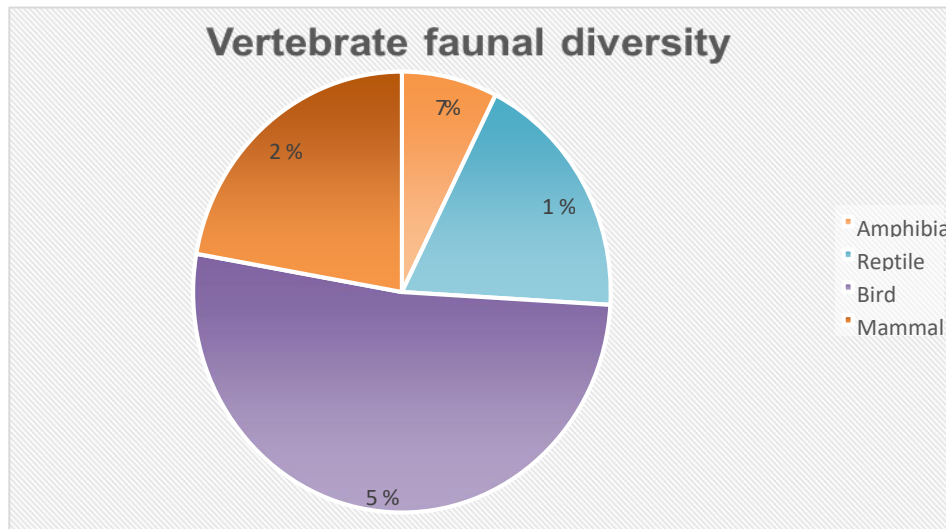


Fig17: Distribution of vertebrate faunal diversity at the college campus

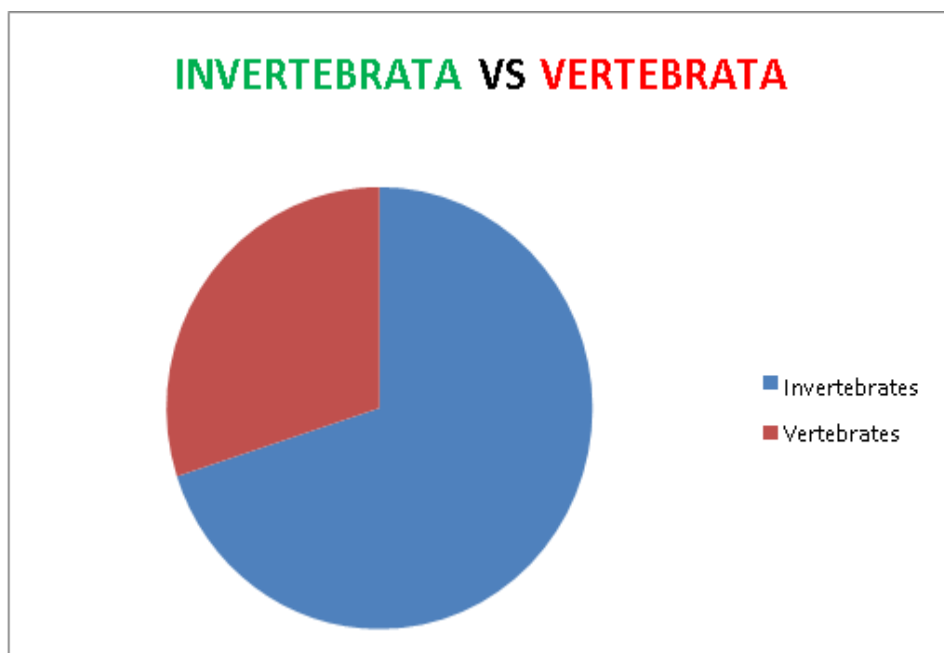


Fig18: Comparative analysis of vertebrates and Invertebrates

Summary of the work done:

We have conducted this survey for a period of one month during February 2019 to March 2019. Here a total of 90 different species of organisms

5.2 Study Findings

The study reveals Flora and Fauna Biodiversity in the Campus categorized under invertebrates and vertebrates were observed and recorded. Invertebrates as usual were the most dominant ones representing 63 species compared to the rest of 27sp in vertebrates. We have used different collection procedures like sweeping net, pitfall method and simple hand picking methods for carrying out this survey. We have taken photographs for most of the species for easy taxonomic identification and cross checking analysis. Insect fauna and avian fauna deserves much attention to the survey as they are the most dominant ones.

Invertebrate fauna were represented by the following insect orders Lepidoptera, Odonata, Orthoptera, Hemiptera, Phasmatoidea, Diptera, Coleoptera, Hymenoptera and phylum Annelida, Phylum Mollusca and Phylum Arthropoda while Vertebrates by Amphibia, Reptilia, Aves and Mammals. The survey reports shows that this campus is seems to be best homage for a wide variety of species and hence long term sustainability is very much needed. The field study gives the opportunity to observe and understand the behavior of every organisms in relation with their natural habitat. The morphology, anatomy, behavior, habitat preference, food preference etc. could easily helped us to understand their ecological importance for executing their life sustainability. As biodiversity analysis is that much important for conserving species which is prone to be the verge of extinction, these kinds of survey analysis are obviously needed. When we are exposed to the nature's bosom during field work and interact with various existing biotic and abiotic factors in diverse habitats, we gather the maximum knowledge in a pleasurable situation.

6. ENVIRONMENTAL AWARENESS AND OTHER ACTIVITIES IN THE CAMPUS

6.1 Plantation Awareness Program

The College had organized various Tree Plantation program at College Campus and surrounding villages through NSS unit of the College. The plantation program includes plantation of various types of ornamental and medicinal plants species in large numbers in each surrounding areas. This program helped in maintaining an eco-friendly environment as well as provides pure oxygen within the Campus.

6.2 Environment Awareness Program

The College had organized various awareness programmes through the club activities in the following are the board areas of activities.

- a. Air Pollution its causes, effects & installation of various devices that reduces the air pollution.
- b. Water Pollution its causes, effects & various methods to prevent that it.
- c. Study of Air Quality in the College Campus
- d. Sound Pollution its causes, effects & installed equipment that reduces it.
- e. Rain Water Harvesting activities.

6.3 Awareness on Reduction of Carbon Footprint

The College had organized various awareness programmes in the following board areas. This includes various extended activities initiated by Nature Club, Green Campus Committee and Energy & Environmental Conservation Club (EECC). The following are the main activities in this sector.

- a Students and the Staff members are made totally aware of pollution that are caused from different sources and ways for controlling that.
- b The college students uses minimum number of private vehicle. They are relaying on college bus and public transport system.
- c The carbon consumption awareness programmer improves to help in carbon emission at individual as well as social level.

- d Awareness programmes on Air and Water pollution in the campus as well as the outside the Campus.

6.4 Club Activities

Other Co-curricular activities Student Support Programmes in the college run by the followings.

1. ASAP - Additional Skill Acquisition Programme
2. WWS - Walk with Scholar

6.4.1. ASAP- Additional Skill Acquisition Programme

Additional Skill Acquisition Programme (ASAP), an initiative by Higher Education and General Education Departments, Govt. of Kerala, aims to bring the students in line with the current labour market, by equipping students with adequate skill sets along with their regular academic courses. ASAP provides short term training programmes like 'Summer Skill Training', 'Summer Skill School', etc. to train the students with industry relevant skills.

6.4.2. WWS- Walk with Scholar

WWS is a programme for the students who have excellent skills sponsored by the Government of Kerala. Through external and internal mentoring students under this programme get valuable directions to achieve their goals. So many expert faculties in different areas are invited here and classes were taken for the students under this programme.

The college also provide facilities to students to organis Clubs, Cells and Other Committees.

The College is having various clubs and Association and details of those including Staff Members in charge of Clubs are given in the following tables.

Table 12: List of Clubs in College

Sl No:	Name of club
1.	NCC
2.	Road Safety Club
3.	Citizen Science Club
4.	Poly Chem

5.	Women Empowerment Club
6.	Oriole BhoomitraSena Club
7.	Tourism Club
8.	Vagartha
9.	KanmaInfotainment Club
10.	ED Club
11.	Red Ribbon Club
12.	NSS
13.	HACT(Highly Advanced Computer Team)
14.	ZOEAC
15.	Anti narcotic club
16.	Health club and sanitation
17.	Human right forum
18.	Debate forum
19.	Music and drama club
20.	International Bird club

Table 13: Other Clubs/ Associations

Sl No:	List of Initiatives
1.	Anti-sexual harassment cell
2.	Consultancy division
3.	Solace to destitute
4.	Green Campus Initiatives
5.	Anti-Ragging And Grievance Redressal Cell

Table 14: Staff Members In Charge of Various Clubs.

Sl No:	Name of Club	STAFF MEMBERS ARE IN CHARGE
1.	NCC	Najiya.K.V
2.	Road Safety Club	Prof. Mohammed Riyas
3.	Citizen Science Club	Prof. K.S Krishnaprabha
4.	Poly Chem	Dr.saifunnisa T.K
5.	Women Empowerment Club	Prof.Preethy Alex
6.	BhoomitraSena Club	Prof. K.S Krishnaprabha
7.	Tourism Club	Mr.Afsal
8.	Vagartha	Prof.Athiraradhakrisnan
9.	KanmaInfotainment Club	SivyaVasudevan KK
10.	Music And Drama Club	Mr. Shahilmon
11.	ED Club	Prof.T. Nisab
12.	Red Ribbon Club	Prof.SivyaVasudevan
13.	NSS	Dr.MohammedRiyas, Dr Preetha SR
14.	HACT (Highly Advanced Computer Team)	Ms.Suchithra
15.	ZOEAC	Dr Jishakrishnan
16.	Anti-narcotic club	Dr Mohammed Riyas
17.	Health club and sanitation	Prof.Dinil S
18.	Anti-Sexual Harassment cell	Dr.Preetha

19.	Student insurance scheme	Prof.Najiya KV
20.	Consultancy division	Dr.C. Rajesh
21.	Solace to destitute	Mr. Shameem
22.	Human right forum	Dr Santhoshbabu P C
23.	Debate forum	Prof.Najila T Y
24.	Arts and Cultural Organisation committee	Dr. Shilaja U
25.	International Bird club	Prof.Krishnaprabah KS
26.	Equal opportunity centre	Dr.Santhoshbabu PC
27.	Green Campus Initiatives	Prof.Krishnaprabah KS
28.	Anti-Ragging And Grievance Redressal Cell	Prof.Dinil S
29.	Students in Palliative Care	Dr Mohammed Riyas Dr Preetha SR
30.	Career Information and placement cell	Prof. Nisab

6.4.3 National Service Scheme (NSS)

There are three National Service Scheme units in the college. Through them students involve themselves in co-curricular activities, intellectual discussion, and community service. Participation in the NSS is voluntary. An NSS volunteer will be eligible to receive a certificate for the participation in NSS provided if he/she completes 240 hrs of regular NSS work and attends a special camp with minimum of 7 days duration.

The NSS unit of the college regularly conducts a number of activities such as cleaning drives, AIDS awareness programmes, blood donation, creation of community assets, relief work, environmental protection, literacy programme, health education campaign etc.

6.4.4 Women Empowerment Cell

The women cell has been pressed into service for the empowerment of girl students. Women empowerment cell aims at all-round development of women and try to give them a firm foundation for a successful career. Various classes organized sensitize the girls on gender justice and social equality. It also aims at empowering poor and unemployed women of neighboring area and focuses on development of leadership qualities, development of various skills, development of self confidence among women. This service unit takes care of creating social awareness, justice and infuses courage and fortitude amongst the girls by undertaking certain socially useful projects for women empowerment, Women and justice, Female Health hazards etc. The Cell endeavours to alleviate the negative forces that confront women, both on the campus and in the city. The Women Cell handles issues related to women's welfare.

The competitions conducted by the Cell are designed to showcase students' talents, boost their confidence and identify their strength areas. Various seminars are organized by the Cell on relevant topics every year. The members served the local society during their visits to a school for the differently abled, to orphanages and homes for destitute women. Every year Women's Day is celebrated with an important issue or theme in mind, to be highlighted during the programmes.

6.4.5 Computer Literacy Forum

Computer Literacy means the knowledge and ability to utilize computers and related technologies efficiently, covering different skills ranging from the elementary use of computers to programming and advanced problem solving. It is also the comfort level someone has with using computer programs and other applications that are associated with computers.

Being an imperative requirement of students and teachers of any academic stream, MES College Marampally has formed a "Computer Literacy Forum" intended to expose the students and teachers to the world of computers.

- Learning how to use computer as a research tool.
- Knowing basic hardware terminology.
- Help them to perform simple network diagnosis.
- Know how to trigger a manual virus/malware scan.
- To know the browser basics.
- Awareness of new technologies.
- Word Processing and Spread Sheets.

6.4.6 NCC

The college has a unit of Senior Division NCC Army wing. Enrolment is opened to boys and girls. Dr. Abdul Hameed holds the position of NCC Officer. Practise sessions are being held by the officer to make the students fit for the role.

Year wise activities undertaken by the College Team outside the campus for the last two years by year wise is given in the succeeding paragraphs.

6.5 Environmental Awareness Initiatives 2017-18

6.5.1 World Environmental Day - 5/6/17

Activities of department for the academic year 2017-18 started with the observation of World Environmental Day on 5/6/2017. Dr. M Zeenath, renowned environmentalist and former HOD of the department of Zoology was the guest of honor and talked on the relevance of the Protection of environment. A nature film “Oru mazhu dooram” was also shown. HOD, Krishna Prabha KS welcomed the function and Assistant Professor Shamiyath expressed vote of thanks. Fruit tree saplings were planted in different parts of the campus.



Fig 19: Environmental day celebration

6.5.2 Green Initiatives meeting - 6/7/18

As part of the green initiatives Krishna Prabha K S attended a meeting for the nodal officers at Yuvaksethra College, Mundur, Palakkad. It was followed by a meeting of faculty members in the college to chalk out the plans for its implementation in the campus in association with NSS and Bhoomithra nature club.



Fig 20: Tree Plantation within the campus

6.5.3 Wild Life Week Celebration from 4th to 10th October 2017

wild life quiz- 4/10/2017

wild life quiz competition was conducted for the students of the college



Fig 21: Wild Life Week Celebration conducting in class

6.5.4 Wild life exhibition- 6/10/2017



Fig22: An exhibition of photographs of forest, nature and wild life

6.5.5 Documentary making competition – 9/10/17

A documentary making competition was conducted based on the theme “Nature- your perception of colours”

6.5.6 Environmental conservation initiatives

Organic farming

Organic farming inside the campus has been commenced under the initiative of the department



Fig23: Organic farming

Harvesting of the vegetables were done. The vegetables were sold inside the campus

6.5.7 Rubella vaccination awareness day - 25/11/17

In the light of the failure of the implementation of the MR Vaccination programme, the college decided to conduct a mass awareness programme by observing the MR vaccine awareness day inside the campus. Oath was taken by the students and staff to work for the success of the programme.



Fig 24: Invited talks in connection with environmental protection

6.5.8 Birds Club Inauguration – 21/7/ 2017

A new endeavour by the department in the current academic year was the formation of Birds club, under the direction of the Birds Club International. The inauguration was done by Sri. Sathyan Meappayur, well known Ornithologist. He also made a talk on “Common birds of Kerala”. The function was presided by our Principal Capt. (Dr.) Abdul Hameed C. Felicitations were made by Dr. Rajesh, IQAC Coordinator, Prof. Dinil S, Staff Secretary, Prof. AMP Hamza, HOD, Physics. HOD, Krishna Prabha KS welcomed the function and Assistant Professor Shamiyath expressed vote of thanks. Sreehari, II B Sc Zoology student who got remarkable achievement in flute competition both state and national level was felicitated by Dr M. Zeenath (Former HOD, Dep. Of Zoo

6.5.9 Chalk making workshop by chemistry dept.

Department of Chemistry conducted a chalk making workshop for the Kudumbasree workers of the village

6.5.10 Energy conservation day observation, physics dept.

Department of Physics conducted an inter Department quiz competition in association with national energy conservation day on 15/12/2017 at room no 203. 11 teams from the different departments participated in the competition actively.

•Distribution of cloth bags by NSS

The participation of students in the palliative care activities in the village has made positive changes in the mindset of them. The villagers were encouraged to carry the cloth bags while they are going to grocery or vegetable shops thus reducing the use of plastic carry bags.

•Clean Kerala mission- well renovation by NSS

NSS units of the College organized a cleaning campaign in the 16th, 17th& 18th wards of Valanchery Municipality.

As part of Swach Bharath program, cadets cleaned the campus frequently without spending their parade time. Teachers and students get motivated and they came forward to keep the campus green and plastic free.

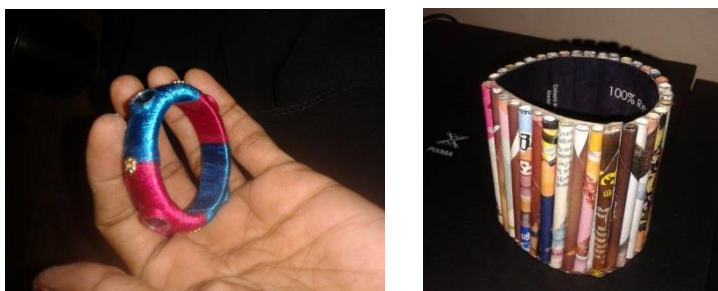


Fig 25: Value added product creation by NSS

NSS units conducted a training programme on making paper pen, paper pen-stand and thread bangles.

6.6 Environmental awareness initiatives –2018-19

6.6.1 Ozone Day was celebrated on **19th September 2018** by conducting a slogan writing and painting competition based on the theme “keep cool and carry on”. Students from various departments participated in the slogan writing competition. Sreehari.K of IIIrd B.Sc. Zoology got the first prize in slogan writing competition. Prinsha Prasad. K. P and Bushra.K of IInd B.Sc. Zoology bagged the second and third prizes respectively. They were awarded with mementos.



Fig 26: Ozone Day awareness programme conducting in class

6.6.2 Slogan Writing Competition

The department of Zoology is always keen in inculcating appreciation towards nature among the students. As part of it a field trip was conducted to KODIKUTHIMALA, which is considered to be the Ooty of Malappuram, the highest geographic peak in Amminikkadan Hills, on **21/09/18**. First year UG and PG students accompanied by the faculties of Dep. Of Zoology participated in the trip. Trekking to the top of Kodikuthimala was an exciting task. Students as well as teachers could enjoy the nature and spread awareness regarding conservation of the earth.

Wild life week was observed on first week of October by conducting a nature photograph exhibition by Mr. Vijesh Kadalundy. A caption making competition was also held along with photo exhibition. All the UG class rooms were allotted for exhibition. The exhibits included the photographs of birds, amphibians, reptiles and mammals of Southern India including migratory birds. Students and staff from all other departments enjoyed the scenic beauty of the living world depicted in the photographs. Mr.Vijesh gave a detailed description of each photograph and students interacted very effectively by asking questions. Prijila (III B.Com Self) bagged the first prize in caption making competition.



Fig 27: Caption writing competition

A lecture on “**Flood on Kerala – causes & impact**” by Mr. V.M Manoj, Health Inspector Thirunnavaya Community Health Centre was conducted on 6/10/2018 in connection with Wild Life Week Celebration. He rendered valuable information on flood by comparing the flood which occurred at three different states like Bihar, Utharakand and Kerala. Detailed discussions were done on what, how and why flood occurred and also explained on the precautions to be taken to prevent or to reduce the impact in future.

6.6.3 World Wet Land Day observation

world wet land day (2/2/19) was observed by conducting a bird watching camp in the wet lands of Kadalundi. Prof. Jishnu accompanied the students. Sri. Vijesh Kadalundi, Ornithologist guided the students.

6.7 Environmental conservation initiatives

Report of The Survey on The Flood Impact on The Biodiversity of Irbiliyam Panchayath

The Kerala State Biodiversity Board was conducting a “Rapid assessment of Biodiversity of Flood affected Areas of Kerala” as per the instruction of the Kerala

Government in association with KILA. As part of it the department of Zoology was entrusted an assessment survey on the Impact of Biodiversity on Irimbilyam Panchayath one of the worst affected Panchayath in the Malappuram district. Two faculties Krishna Prabha.K S and Thushara U attended a 2 day state level training workshop at Karmasadan, Alappuzha. The participants were trained to use the ODK software that is used in the survey.



Fig 28: Flood awareness programme

Along with BMC member planning of District level implementation
Irimbilyam Panchayat

Following the state level workshop, a district level workshop was conducted on 15th October along with the members of the Local Self Governing Body and BMC of the Panchayath at Malappuram. In the planning meeting it was decided to conduct **Focus Group Discussion** at the Panchayath on 17/10/2018. The ward members of the affected regions, Agriculture Officer, Veterinary doctor, ASHA workers of affected wards, BMC members, 5 student volunteers will be invited to the FGD.

5 student volunteers were selected from the department who will lead the field survey in the Panchayath.

- | | |
|-------------------|-----------------------|
| 1. Suchitha | - 5 th sem |
| 2. Thoufeeque mon | - 5 th sem |
| 3. Unnimaya | - 5 th sem |
| 4. Ahalya H Nair | - 1 st sem |
| 5. Midhilaj | - 1 st sem |

On 17th October 2018, a **Focus Group Discussion** was conducted at the Irimbilyam panchayath office. Ward members of the affected regions, Agriculture Officer, Veterinary doctor, ASHA workers of affected wards, BMC members and 5 student volunteers participated. In the first session the need, process and methodology of the survey was explained to the audience. In the second session the FGD was conducted and the details

collected were uploaded in the KSBB link using ODK software. From the work shop conducted and the Focus Group Discussion following, it was found that out of the total 17 wards, 15 wards were affected by the flood. But 2 wards were very meagerly affected. So the field survey was decided to be conducted on 13 wards and the schedule was prepared from 18th to 27th October.



Fig 29: Panchayath level training workshop



Fig 30: Focus Group Discussion

Field survey was conducted by our students in the 13 affected wards under the leadership of the 2 faculties and 5 trained volunteers. 1st semester UG and PG students participated in the survey. Daily reports (ward wise) were given to Mr. Vinesh, Project fellow KSBB and also mailed to the district co-coordinator Mr. Hydrose kutty sir. After completing the survey, a consolidated survey report was submitted to the board.

7.0 CONCLUSIONS/ RECOMMENDATIONS

MES Keveeyam College is an aided education institution having the credit of sustaining lot of traditional values, at the same time there are lot of shortcomings and inadequacies. The College has succeeded a lot in achieving certain results/targets in the area of giving environmental awareness among the students and to equip them for practicing eco-friendly living.

The following are the main achievements / activities undertaken in this context.

- Rain water harvesting activities such as terrace bunds and storm water drains with open jointed stone pitching for enhancing percolation of Rain water to the local ground water.
- Support for Local Ground Water recharge and environmental Protection activities in the nearby areas as part of awareness programmes.
- Establishment of Solid Waste Treatment Facilities like Biogas plants, Compost pits and establishment of Napkin Destroyers in hostel.
- Providing drinking water KIOSK at different places within the Campus.
- Development of Bamboo Park within the Campus.
- Beatification/ greening activities in the Campus

At the same time, lot to be done for improving it further. The following are the major identified shortcomings in the area of eco-friendly activities in the Campus.

- Lack of proper Solid Waste Treatment Facility for not- easily Biodegradable Waste like tree leaves, plantain leaf, banana stem etc.
- Lack of involvement for regular cleaning of surrounding areas of Herbal garden/ side of storm water drain.

The following are few suggested future activities for further betterment/ improvement.

- Conducting of Environmental Auditing in the College Campus in every two years.

- Provide Rain Water collection facilities from roof top of buildings directing to the open wells.
- Establishment and operation of a scientific source level treatment of not-easily Biodegradable Waste like Banana leaves, leaves of trees and plants etc. for composting and utilization of the same for gardening/ vegetable cultivation in the Campus with involvement of students. Aerobic Ferro- Cement Tank Composting Unit shall be established at two places near to the boundary at the side of Herbal Park.
- All lighting needs including public lighting facilities should be converted in to LED lamps connected with solar electricity generation units.
- Making garden in the front of all building for making the campus beautiful and eco-friendly.
- Adoption of Green Building concept for all future new building construction within the campus. More focus should be given for reducing energy usage for lighting and air and for increasing aesthetic appeal of buildings and class rooms in order to reduce the Carbon foot print.
- Installation Fire safety instruments in all buildings.
- Annual cleaning of campus for clearing waste / bush, in order to avoid pollution problems.

ENVIRONMENTAL POLICY

Our institution strives for excellence not only in educational activities but also in activities promoting a greater environmental awareness among the youth so as to make the world a better place to live.

2018-19

- i) NSS units of the college organized a rally and an awareness programme on importance of wearing helmet and seat belt and obeying traffic rules on 30th April 2018 at Valanchery town. Valanchery ASI inaugurated the programme. Valanchery police and volunteers gave awareness to the passengers. Distribute watermelon to those wear helmet and seatbelt.
- ii) In association with Pain and Palliative Valanchery Unit, NSS units conducted Economic- Health-Social Survey in 12th ward of Valanchery Municipality
- iii) On august 15th NSS units celebrated independence day and conducted a campus cleaning programme
- iv) On 23rd August NSS unit conducted super chlorination of flood affected wells in Valanchery Municipality by the support of PHC Valanchery. 20 volunteers participated in the programme.
- v) On 30th Aug 2018, NSS volunteers actively participated in flood relief activities in Alappuzha district.
- vi) In association with Valanchery Palliative Cell, NSS unit collected school stationary items including note books, geometry boxes, pen, and pencil etc. for flood affected villages of Wyanad Dist.
- vii) In association with HDFC bank and Taluk Hospital Malappuram, the NSS units conducted blood donation and blood group detection camp on 24th October 2018.
- viii) NSS units hosted Cluster level Malappuram district NSS arts festival on 13-11-2018
- ix) Orientation class for newly enrolled NSS volunteers was conducted on 01-12-2019.
- x) NSS unit 91 observed the Red Ribbon Day in collaboration with NCC. Principal Dr. Abdul Hameed delivered the Red Ribbon Day message.
- xi) As a part of 'Green Campus- Clean Campus' programme, NSS unit collect and sort paper and plastic wastes from campus and sold for recycling
- xii) **Key handover ceremony of the home constructed by NSS under the Abhayam project of Calicut University was organized on 18th December 2019. Dr. FazalGafoor, President, M ES Kerala handed over the key to the Sri. Ummukulsu, President, IrimbiliyamPanchath.**
- xiii) **On 4th November 2017 NSS units conducted a training programme on making paper pen, paper pen-stand and thread bangles.**

- xiv) NSS units of the college conducted seven Day Special Residencial Camp from 23rd to 30th December 2018 at Govt. L P School, Mankeri.
- xv) Conducted an awareness class on pain and palliative caring
- xvi) NSS unit 91 won second prize for wall painting competition conducted by Suchithwa Mission, Malappuram District.

2017-18

1. WORLD ENVIRONMENTAL DAY

NSS units 91 & 105 of MES Keveeyam College, Valanchery observed the World Environmental Day-2017 on 5th June 2017 at college open auditorium. The function was inaugurated by Dr. Abdul Hameed C., Principal-in-charge. NSS programme officers, Advisory committee members are also presented in the function. 64 NSS volunteers attend the function. Prof. Shajid P. P., HOD, Dept. of Malayalam give world Environmental Day message. Plant samplings were distributed to NSS volunteers.

2. AWARENESS CLASS ON 'PERSONAL NEATNESS FOR SOCIAL WELFARE'

In association with Public Health Center, Valanchery Municipality, NSS units of M E S Keveeyam college, Valanchery conducted an awareness class on the topic “personal neatness for social welfare “ for NSS volunteers and the eco club members of M E S Central school eco club, at Dr. N. K. Mohammed Memorial M E S Central school, Valanchery on 03-07-2017. Main aim of the programme is to aware the volunteers about the importance of personal and social cleanliness and also to ensure the participation of NSS volunteers in the cleaning campaign, a Kerala Govt. programme to protect the state from the mansoon diseases like fever. In this programme Mr. Biju Joseph, principal, M E S Central School welcome the gathering. It was presided by Mr. Thomas joseph, Health Inspector, Valanchery. Prof. Nisab T., Minshiya P., NSS Programme Officers, M E S Keveeyam College, Valanchery, Mr. Anitha, Nurse, PHC Valanchery, Prof. Mohammed Yasir, HOD Dept. of Arabic, M E S KVM college, Mr. Hameed P P, ward councilor, Valanchery Municipality, Mrs. Fathima, Asha worker, were participated. 80 NSS volunteers and 25 Eco club members are participated.

3. CLEANING CAMPAIGN AND DRY DAY OBSERVATION

NSS units of the College organized a cleaning campaign in the 16th, 17th& 18th wards of Valanchery Municipality on 04-07-2017. The programme was coordinated in association with Valanchery Municipality, Public Health Centre Valanchery, Eco-club, M E S Central School

Valanchery. NSS volunteers and eco-club members being divided into 25 different groups and directed to different areas of the above three wards. PHC representatives and Asha workers guided the volunteers. They cover about 350 houses of the three wards, observe Dry Day in each and every house and aware the people about the importance of cleanness in protecting from spreading diseases and the importance of observing Dry day.

4. WORLD ANTI-NARCOTIC DAY OBSERVATION

In connection with Anti-Narcotic Day the NSS units of the college conducted an anti-drug poster making competition on 5th July 2017. It was organized in association with the anti-narcotic club of the college. 15 students from various department were participated in the competition.

5. VIMUKTHI MISSION INAUGURATION

In association with NSS units and anti-narcotic club, college organized the College level inauguration of Vimukthi mission on 6th July 2017. The function was presided by the Principal Dr. Abdul Hameed Chelekkodan. Sri. V. R. Anilkumar, Deputy Excise Commissioner, Malappuram inaugurate the programme. Sri. B. Harikumar, District Co-ordinator, Vimukthi Mission deliver a talk on the adverse effects of drugs. Minshiya P. Anti Narcotic Club co ordinator, NSS Programme Officer, Nisab T. NSS programme officer, Dr. C. Rajesh, IQAC Coordinator, NSS volunteers and students were participated in the function.

6. NSS units of the college arranged a programme at adopted village to inaugurate the distribution of cloth bags in order to reduce the use of plastics in the village. Principal Capt. (Dr.) Abdul Hameed C inaugurate the function by handed over the bag to the ward councilor Mrs. Jyothi. NSS programme officers, Niasb T and Monshiya P, IQAC coordinator Dr. C. Rajesh, Merchant Association secretary Prabhakaran, all NSS volunteers were participated in this programme.
7. In order to observe 'SWACHHTA PAKHWADA', on 4th August 2017, the units arranged a talk on the importance of cleaning and how wastes has to dispose. Health inspectors Mr. Daison and Mrs. Sajitha handled the sessions.
8. As a part of the observance of 'SWACHHTA PAKHWADA', NSS volunteers conducted 'AROGYA-SUCHITWA' survey in the 8th, 13th& 15th wards of Valanchery Municipality on 9th August 2017.

9. On August 15th NSS units celebrated independence day and conducted a campus cleaning programme
10. On October 2nd, Gandhi Jayanti day, the NSS units distributed Cloth bags in the adopted village as a part of plastic free village movement. The NSS volunteers, POs and ward councilor were participated in this programme.
11. The NSS units actively participated in receiving the torch relay to the college as a part of Under17 world cup. The NSS units arranged refreshment to the team.
12. On October 9th, the NSS units participated in the cluster level sevens football tournament conducted by Malappuram district NSS units and won the trophy.
13. On Oct 14, NSS units conducted campus cleaning programme.
14. On 21-10-2017 the NSS unit cleaned road and public well in Valanchery Municipality
15. The NSS units collect and sort waste paper from all department of the college and sold for recycling.
16. NSS unit arranged a venue for 'Power Quiz' conducted by KSEB officers association in the college on 25th October 2017.
17. On October 31st, the NSS units participated in the final match of sevens football tournament conducted by Malappuram district NSS units at Sullamussalam college Areekkode and won the trophy.
18. On November 1st 2017, NSS volunteers extended their service for volunteering the sub district science exhibition at Valanchery higher secondary school Valanchery.
19. On 4th November 2017 NSS units conducted a training programme on making paper pen, paper pen-stand and thread bangles.
20. The NSS units celebrated Children's Day at Govt. Children's Home Thavanur on 12th November 14, 2017.
21. On 14th November NSS units celebrated Children's Day at Anganvadi in adopted village.
22. On 16th Nov. 2017, the NSS units arranged a venue for District level Power quiz competition conducted by KSEB officers association.
23. On 24th November 2017, units conducted two programmes. One is an awareness about MR vaccination in adopted village and the other is pledge in the campus in connection with the observation of communal harmony week.

24. In association with HDFC bank and Taluk Hospital Malappuram, the NSS units conducted blood donation and blood group detection camp on 6th December 2017.
25. On 13th December 2017, NSS unit organized an anti-drug camping in Kuttippuram town in association with Anit-Narcotic Club, Vimukthi Mission and Kerala Excise Department.
26. NSS units of the college conducted seven Day Special Residence Camp from 23rd to 30th December 2017 at M E S Higher Secondary School, Irimbiliyam.
27. In special camp NSS conducted a free cataract detection camp in association with Alsalama eye hospital, Perinthalmanna.
28. Conducted an awareness class on pain and palliative caring
29. Volunteers conducted classes on importance of pain and palliative among higher secondary students of nearby schools.
30. NSS units of the college collect & handed over money to palliative cell.
31. Conducted free eye testing & cataract detection camp at college in coordination with Al-salama eye hospital, Perinthalmanna.
32. On 12 & 13 March the volunteers engaged in Pulse Polio vaccination programme in co-operation with PHC Valanchery
33. On 15th March 2018 Students in Palliative Cell launched under NSS and Palliative collection boxes were mounted in all class rooms.
34. NSS units painted clean Kerala messages on public walls. The programme is conducted in association with Suchithwa Mission, Malappuram District.

2016-17

Donation to kidney patient



Patriotic song competition



Feed the poor (Donated food grain kit to 50 poor families)



Conducted social survey at adopted village



Farming at adopted village



Blood donation camp(18/10/2016)



2015-16

CAMPUS CLEANING (3/7/2015)



HIROSHIMA AND NAGASAKI DAY OBSERVATION (6/8/2015)



Respected Principal addressed the students and gives a small talk on the nuclear fission and aftereffect of Hiroshima and Nagasaki Nuclear Bomb blast. As a symbol of peace flew balloons

ROAD AND SAFETY AWARENESS CLASS TO COLLEGE STUDENTS (21/8/2015)



NSS programme officer Nisab. T delivered welcome speech. Principal, Lt (Dr) Mohamedali presided over the function. Mr. M.P. Subash Babu (RTO Thiruv), Inaugurated the programme. P. Raju (Retired S.P.) led the class. Felicitation were given by Mr. K.K. Abdu (State President, Road Accident Action Forum), Shahul Hameed (State Secretary, Road Accident Action Forum). Staff club Secretary Prof. Shajid P.P. delivered vote of thanks.

ROAD AWARENESS CLASS TO SCHOOL STUDENTS (17/9/2015)



NAMMUDE MARAM PROJECT
SAPLING PLANTATION (WORLD ENVIRONMENTAL DAY) (5/6/2014)



In connection with world environmental day dozens of saplings are planted in the campus. Respected principal Prof. K.H. Abdul Razak inaugurated the function by planting a sapling. All the HODs and superintend Smt. Anitha planted saplings in campus. Student representatives & NSS volunteers also participated in the programme.

NCC activities of the year 2018-19

1.The enrollment of the first year cadets was based on the physical fitness and efforts in extracurricular activities under Capt(Dr) Abdul Hameed, NCC officer.Sub.Dharam Singh and Hav.Kunwar Lal helped enrollment. The full strength of 54 cadets was enrolled in this academic year

2.All cadets participated 'A rescue cleaning program' at the time of flood at SD College Alappuzha from 29-08-2018 to 31-08-2018 .



3. In connection with Surgical strike Anniversary and Swachatha Abhiyan , Swachatha Hi Seva, cadets completely cleaned college campus. They cleaned Kottaram canal and Primary Health Centre, Kottaram.



4. Conducted Anti Ragging campaign in collaboration with legal service authority, Tirur

5. Armed Forces Flag Day was celebrated on 07-12-2018. All cadets participated in flag sale and Hundi Box collection. Cadets visited nearby government offices, shops and bus Stand for collection. Principal inaugurated the sale of flag and collection through Hundi Boxes. Rupees 11400 was collected during the flag day

6. In connection with vigilance awareness week, cadets visited public places and transferred the message of DGNCC to the public regarding corruption

7. Cadet participated in 70th MARTYRDOM ANNIVERSARY OF MAHATHMA GANDHI on 09-02-2019 at Thavanur

8. Under the supervision and command of U/o Fathima Suhaila V K, NCC Cadets celebrated Republic Day in a befitting manner. Principal Dr. Abdul Hameed hoisted the National Flag.



9. All cadets worked as volunteers in MEGA ALUMNI MEET conducted at the college on 13-02-2019



10. Completed NCC training and parades. The following are the PI staffs attended the NCC parades

- a. Sub.Dharam Singh
- b.Hav.Kunwar Lal
- c.Nb/Sub. Kunwar Singh

- d.Sub.Beerendra Singh
- e.Nb/Sub. Anil C H Bora
- f.Sub. R S Dwivedi
- g.Nb/Sub .Devendra Singh
- h.Hav.Shiju P
- i.Hav.Rogueveer Singh

11.NCC Camps

- a. Fifteen cadets attended CATC West Hill, Calicut from 16-06-2018 to 25-06-2018
- b. Eight cadets attended CATC West Hill, Calicut from 26-08-2018 to 04-09-2018
- c. Eleven cadets attended CATC GBHSS , Tirur from 22-12-2018 to 31-12-2018
- d. Sgt.Muhammed Aflah S T attended EBSB II Nasik, Maharashtra from 23/12/2018 to 03/01/2019
- e. L/Cpl Vishnudas T and Cdt Mohamed Rahees K attended Army Attachment Camp Pangod,Thiruvananthapuram from 13-10-2018 to 27-10-2018
- f. U/o Fathima Suhaila V K and Sgt.Ajay Krishnan B attended EBSB II Kanhangad , Kerala from 22-12-2018 to 02-01-2019
- g. L/Cpl Mohammed Rahees Muthanikat attended All India Trekking Camp Mambra,Eranakulam from 26-12-2018 to 02-01-2019

12.The following cadets promoted as Under officers

- a. Fathima Suhaila V K
- b.Muhammed Aflah S T
- c.Aiswarya K

13.Cadets participated in Loksabha Election as special police officers in various polling booths of Malappuram District

14.Yoga Day Celebration

On 21-06-2018 cadets participated in international Yoga Day under the command of NCC officer Capt(Dr) Abdul Hameed.They performed different yoga steps for mind relaxation and high body flexibility.Cadets achieved training in Yoga from senior cadets

15.Swachbharath Mission's Programme

As part of Swachbharath programme, cadets cleaned the campus frequently with the joint efforts of teachers and students.The campus became green and plastic free

16. B and C Certificate examination

Nine SD cadets and six SW cadets attended B certificate examination on 09-02-2019 and 10-02-2019 at Westhill, Calicut.Six SD cadets and eight SW cadets attended C certificate Examination on 23-02-2019 and 24-02-2019 at West Hill, Calicut

17. Closing Function

Annual day celebration and break up social of this academic year was conducted on 28-02-2019. Cap(Dr) Abdul Hameed ,NCC officer, Relinquished from his 26 years of NCC service. Col.RR Kotwal,Commanding Officer,29 Kerala Bn NCC Tenhipalam ,Malappuram inaugurated the function and he presented memento to Cap(Dr) Abdul Hameed on Behalf of NCC Unit,MES KVM College Valanchery. Principal Capt(Dr) Abdul Hameed welcomed the gathering. Sub.Dharam Singh, Prof.KP Hassan (Secretary and Correspondent ,College Managing Committee), Dr.C Rajesh (IQAC Coordinator), Prof.Abdul Razak (Self Finance Coordinator), Mr.Mohandas (Junior Superintendent,29(K)Bn), Prof.Najiya KV (Caretaker,College NCC Unit), Lt.Shukoor Ellath (ANO,TMG College Tirur) felicitated on the occasion. The following cadets were honored by the Commanding Officer RR Kotwal for their best performance .Vote of thanks delivered by U/o Fathima Suhaila.

a.Best Drill (SD)-CPL .Samil Ameen N

b. Best Drill (SW)-Cdt .Sneha Chandran

c.Best Turnout(SD) –CPL. Arun Jayraj

d. Best Turnout(SW)-CPL .Sreelakshmi N

e.Best cadet (SD)-Cdt. Muhamed Rahees K

f.Best cadet(SW)-Cdt. Arunima A

Special Prizes

a.S U/o Fathima Suhaila V K

b.U/o Mohammed Aflah S T

c.U/o Aiswarya K





NCC ACTIVITIES 2017-18

1. The enrolment of first year cadets was done based on the physical fitness and efforts in extracurricular activities by Capt (Dr) Abdul Hameed, NCC officer. The full strength of 54 cadets was enrolled in this academic year.
2. Armed Forces Flag Day was celebrated on 6 December 2018. All cadets participated in flag Sale and Hundibox collection. Cadets visited nearby government offices, shops and bus stand for collection. Principal inaugurated the sale of Flag and collection through Hundi boxes Rs 16000/- was collected during the Flag day.
3. Conducted Anti Ragging Campaign in collaboration with Legal Service Authority, Tirur.
4. In connection with Vigilance Awareness Week, cadets transferred the message of DGNCC to the public.
5. Under the supervision and command of U/O Pranav, College NCC unit celebrated Republic day in befitting manner. Principal Dr. Abdul Hameed hoisted the national flag.

6. Completed NCC training and parades under the PI Staffs and Subedar Major. The following PI Staffs attended NCC Parades.
 - a. Sub. Dhanjith Singh
 - b. Nb/Sub Anil C.H Bora
 - c. Nb/Sub Devendra Singh
 - d. Sub. Tajbar Singh
 - e. Hav. Pramod Kumar
 - f. Hav. Khushvant Singh
 - g. Sub. Dharam Singh
7. **NCC camps**
 - a. CATC West Hill- 18-01-2018 to 27-01-2018
 - b. NIC Farook College- 23-12-2017 to 31-12-2018
 - c. NIC Bharathpur- 06-11-2017 to 22-06-2018
 - d. Army Attachment Camp, Bihar Regiment- 16-10-2017 to 30-10-2017
 - e. Trekking camp, Andhra Pradesh- 06-10-2017 to 13-10-2017
 - f. Trekking camp, Kerala- 12-09-2017 to 21-09-2017
 - g. Firing camp, Group Headquarters West Hill- 08-07-2017 to 18-07-2017
8. **Under Officers**
 - a. Pranav E.
 - b. Akshay Ajith
 - c. Fathima Suhaila V.K.
9. **Yoga Day Celebration**

On 21 June, cadets celebrated International Day of Yoga under the command of unit's NCC officer Capt.Dr Abdul Hameed C. They practiced different yoga steps for mind relaxation and high body flexibility. Cadets gained training to teach Yoga to other students.
10. **Swach Bharath Mission's Programme**

As part of Swach Bharath program, cadets cleaned the campus frequently without spending their parade time. Teachers and students get motivated and they came forward to keep the campus green and plastic free.
11. **Blood Donation Camp**

NCC Cadets joined with the Blood donation camp conducted by NSS unit of our college in collaboration with blood bank of government hospital, Perinthalmanna. NCC cadets donated their blood.

12. B & C Certificate Examination

7 SD cadets and 6 SW cadets attended C certificate examination and 6 SD cadets 10 SW cadets attended B certificate examination at West Hill, Calicut. Most of the cadets scored A grade in C certificate examination.

13. Under Officer Akshay Ajith controlled the CATC Camp from 18-01-2018 to 21-01-2018 as Camp Senior.

14. Closing Function

Closing Function and break up social of this academic year was done on 9 March 2018. Prof. K.P. Hassan, secretary and correspondent of college managing committee inaugurated the function. He distributed the trophies and medals to the cadets for their best performance in various competitions. Principal of the college Capt. Dr. Abdul Hameed welcomed the gathering. Sub Radheshyam and Nb/Sub Khushwant Singh , Dr. C. Rajesh, Prof. Rukkiya, Prof.Sajid, U/o Pranav, U/o Akshay Ajith talked on the occasion. The following cadets were honored during the function.

1. Best Drill (SD)	-	Sgt Satheesh A.
2. Best Drill (SW)	-	Sgt Aiswarya K.
3. Best Turn out (SD)	-	Cdt Aflah K.T.
4. Best Turn out(SW)	-	Cdt Sreesha
5. Best Cadet (SD)	-	Sgt Dipin V.
6. Best Cadet (SW)	-	Sgt. Arshiya Sherin

Special motivation prize.

- (a) U/o Pranav E.
- (b) U/o Akshay Ajith
- (c) U/o Fathima Suhaila

1. Enrolled new Cadets under Sub. Gautam Singh and CHM Sovan Singh.
2. Conducted Anti Ragging Campaign in collaboration with Legal Service Authority, Tirur. Adv. Vinod and Tirur Circle Inspector Mr. K.G Suresh attended the function.
3. Conducted Blood Donation Camp in collaboration with Blood Bank, Govt. Taluk Hospital Perinthalmanna. Mr. Dinesh, HDFC Bank Manager, Valanchery inaugurated the function. 43 Cadets donated the blood.
4. Conducted Road and Safety Class in collaboration with Tirur Taluk Road Accident Action Forum.
5. In connection with Ex-Service Men Week, Cadets collected contributions by Sell out of Token flags and Car stickers received from the Battalion.
6. In connection with Vigilance Awareness Week 2016, this unit transferred the message of DG NCC to public. The Unit conducted a workshop on Vigilance Awareness to the Cadets. SM Davis Vega and Sub. Gautham Singh attended the Workshop.
7. The Cadets attended a Rally in connection with Palliative day in Valanchery. They collected contributions from the public for the needy patients.
8. In connection with Armed Forces Flag Day, Rs 14000 was collected by Cadets.
9. Under the command of Capt. Abdul Hameed, the unit celebrated Republic Day & Independence Day in befitting manner.
10. Completed NCC training and parades under SM, David Vega, CHM Balasubramanian, Hav. Mubarak Ali, CHM Vijay Singh, Sub. Gautham Singh, Sub. Hari Singh, Sub. Balbir Singh, Hav. Pradeep Singh, CHM Sunil Duth and CHM Sovan Singh
11. Camps attended
 - a) 25 Cadets attended CAATC at Chaliyam.
 - b) 3 Cadets attended CAATC at Thalipparamba
 - c) U/O Rashid attended Basic Leadership Camp at Vaikom & Advanced Leadership Camp at Coimbatore.
 - d) U/O Arjun Hari and Cpl Manuprasad attended All India Trekking Camp, Assam
 - e) U/O Pranav & Cpl Jishnu attended Army Attachment Camp, Coimbatore
 - f) Cdt Pranav and Cdt Akshay attended Army Attachment Camp, Kollam
 - g) Sgt Abubacker Siddique and Cpl Anil attended Army Attachment Camp, Trivandrum
 - h) U/O Subishna and Sgt Aswathi attended Self Defense Programme at MSP Camp, Malappuram
 - i) 36 Cadets participated in International Day of Yoga at SSM Polytechnic, Tirur
12. Cadets participated in Panchayath Election as Special Police Officer in various Polling Booths of Malappuram District.
13. Conducted Annual Day Celebration and Closing function. Col. Babu Francis, Director Tamilnadu, Pudhuchery, Andaman & Nicobar Directorate, Chennai inaugurated the function. He distributed trophy and certificate to the Cadets. After Cultural Programme and Bhadakhana function ended.

Home for homeless



Abhayageham

Key handover ceremony of the home constructed by NSS under the Abhayam project of Calicut University was organized on 18th December 2019. Dr.Fazal Gafoor, President, MES Kerala handed over the key to the Sri.Ummukulsu, President, Irimbiliyam Panchath. Prof.Minshiya P (NSS Programme Officer) was awarded appreciation certificate for her leadership contributions in the construction of house.



GRAMODAYA (Model village for eco friendly social development)



Smt. M Shahina (Municipal Chair person) launching the campaign



Sri. Anil Kumar (Deputy Excise Commissioner) inaugurating the anti drug awareness programme



Sr. K V Unnikrishnan (Municipal Vice Chair Person) inaugurating the survey



Drama staged at the adopted village against drug abuse

Sustainable development of villages with an environment friendly perspective is the need of the age. The college has taken an initiative towards this end. We have adopted the Mayiladi Village (6th Division of Valanchery Municipality) and implemented a project for eco friendly social development. The execution of the project was done by the National Service Scheme of the college with the collaboration of Pain and Palliative Care Society, Valanchery. Various schemes were launched in this village with special emphasis on waste management, organic farming and palliative care, anti narcotic awareness etc.

Gramodaya

(MODEL VILLAGE FOR ECO FRIENDLY SOCIAL DEVELOPMENT)

Sustainable development of villages with an environmental friendly perspective is the need of the age. The college has taken an initiative towards this end. We have adopted the Mayiladi Village (6th Division of Valanchery Municipality) and implemented a project for eco friendly social development. Various schemes were launched by different departments at the adopted village. Cloth bags were distributed to the villagers by NSS to reduce the use of plastic. The Department of Zoology organised a medical camp 'Arogya' at the village. Department of Commerce conducted field trip for Kudumbasree workers to small scale entrepreneurs. They have conducted an interaction with Manager of Kerala Gramin bank about bank loans for entrepreneurs. Department of Chemistry conducted a chalk making workshop for the Kudumbasree workers.



Cloth bag distribution



Arogya - Medical Camp



Interaction with Manager of Kerala Gramin Bank



Chalk making workshop

Installation of a biodegradation unit

The Department installed a biodegradation unit in the nearby village. The biodegradable household waste is passed through a locally made apparatus and fed to a waste eating fly called *black soldier fly* which converts waste into larve and slurry. The larve thus made is used as an ideal feed for poultry and fish. The villages were appreciative of this project and have replicated same in other houses as well.



Swachh Bharat Summer Internship

Around 30 students from various departments participated in the Swachh Bharat Summer Internship of Govt. of India. Different activities related to hygiene and sanitation were conducted



Swachatha Abhiyan





‘SAKTHI’

Women Empowerment Cell

MES Keveeyam College Valanchery

Malappuram, Kerala

Vision Statement

To empower and equip the girl students of KEVEEYEM MES College, Valanchery through education, awareness and skill training to face the contemporary challenges faced by the women in the present day environment.

Mission

- To equip the students through awareness, vocational training and interaction.**
- To sensitize the girls on gender justice and social equality.**
- To give a helping hand to the poor and unemployed women of neighboring area.**
- Focus on development of leadership qualities and decision making.**
- Development of various skills including communication and soft skills.**

Organizational Structure

Chairperson : Principal

**Coordinator : Mrs Preethy Alex,
Asso.Prof Chemistry**

**Asst. Coordinator: Mrs Rukkiya K.M.
Asso. Prof Chemistry**

Members : All Girl Students

Regular Activities

- Awareness Classes and regular interaction.
- Premarital Counseling.
- Classes on stress management.
- Workshops on making of soaps and balms in houses.
- Classes on Cyber Crimes.
- Workshops on making of handicrafts
- First aid Cell.
- Utility corner for women in the Girls Centre.
- Campaigning for self employment.

'SHAKTI'-WOMEN EMPOWERMENT CELL

WOMEN EMPOWERMENT CELL ACTIVITIES 2014-15

Debate on Job vs Family

28. A debate on the topic "Job or Family, which one do you choose"? Was organized under the Chairmanship of Dr (Lt) Mohamed Ali, our Principal in the College Auditorium on 7-8-14. The students especially girls actively participated in the discussion. While there were many takers for a settled family life, those who advocated for financial independence and social security through a stable job had the majority. The heated debate showed the changing trends amongst the student community. The lively debate concluded with Sreelakshmi giving the vote of thanks. Smt. Manjula Raman was the moderator.



Debate in Progress

Counseling.

29. A special counseling session was organized under the aegis of Mr. NM Varghese on 30-8-2014 to address the problems related to early marriage and pre marital issues. The students found the session interesting as most of them took keen interest in clarifying their doubts; probably they were subjected to such lectures for the first time.



Counselling Class



Vocational Training.

30. A workshop on soap making, balm & cream preparation was conducted on 16-9-2014. Demonstration on preparation of organic soaps, house hold balms and creams was organized for the benefit of girls. The enthusiasts noted the ingredients of all possible items.



Soap Making Class

Ornament Making.

31. The girls were exposed to jewelry and ornament making, decorating pots and flower vases on 1-9-2014 under the aegis of IRTC and demonstrated to Kudumbasree. The participants benefitted from the excellent lecture and demonstration on creative art. The class provided an opportunity for the students to come out with their creative mind. It was indeed appreciated by the girls.



Ornament making

A Class on Kudumba Suraksha Samoocha Suraksha.

32. A class on Kudumba Suraksha Samoocha Suraksha was conducted on first 1 Dec 2014 by Adv: Sujatha Varma. It was well received by Students and staff.



Conclusion

33. Women empowerment in India is a challenging task as we need to acknowledge the fact that gender based discrimination is a deep rooted social malice practiced in India in many forms since thousands of years. We have to accept the fact that things are not going to change overnight but because of this we cannot stop taking action either. At this juncture the most important step is to initiate ground level actions however small it might seem. The ground level actions should be focused towards changing the social attitude and practices prevalent in the society which are highly biased against women. This can be initiated by working with the women at the root level and focusing on increasing women's access and control over resources and increasing their control over decision making process. It has to be understood that unless we change the basic social attitude which cultivates gender inequality and gender bias, we would not be able to achieve much in terms of women empowerment in India.

34. Hence, addressing the malice of gender discrimination and women empowerment in India is a long drawn battle for women's growth and development. The attempts made by the college and department, however small it may be; is surely progressive in the long dream of truly empowering the women in India.

KVM MES COLLEGE VALANCHERRY

WEC REPORT : 2016-17

The Women Empowerment Cell of KVM MES College witnessed a series of activities during the year 2016-17. The main focus of the programme was to empower the girl students through education and greater awareness. The activities included seminars, lectures and Health and Hygiene awareness training.

Premarital Counselling

A premarital counselling session was organized under the aegis of renowned counselor Mr NM Varghese on 19 Aug16 in the College Auditorium. The session was intended to give an exposure to the students in preparation to tie the nuptial knot and also to improve intra personal and interpersonal communication. The session was appreciated by all the participants.



Premarital counseling by Shri NM Varghese in progress

Stress Management Classes

A special session on Yoga and Meditation was conducted on 20 Sep16 to educate the students to cope with everyday stress and promote healthy living. The class was conducted by Prof Manjula Raman and was very well received by the students. The class also covered exam related stress which some students found very useful.



Prof Manjula Raman addressing students

Seminar on Women Empowerment. A seminar was conducted in the College on 06 Dec 2016 for 300 girl students. The main session was taken Adv Sujatha Varma who is an expert in the field of Women Empowerment, family court. She educated the students on various issues and enthralled the audience with anecdotes and her experience in handling various women empowerment related cases. She also motivated and guided the students to a happy healthy and an empowered living. Her experience in various family related issues turned out to be an eye opener to many. The class was well appreciated by all.



Adv Sujatha Varma in a Women Empowerment class

Future Plans The future plans of WEC include the following:-

- (a) To conduct pre and post marital counseling for students.
- (b) Legal literacy classes for the college.
- (c) Health and hygiene classes.
- (d) Outdoor visits

Conclusion. The year saw various activities by the WEC. The students have been given not only exposure but also but also awareness on promoting a happy healthy and positive living.

KVM MES COLLEGE VALANCHERRY

WEC REPORT : 2018-19

The Women Empowerment Cell of KVM MES College witnessed a series of activities during the year 2018-19. The main focus of the programme was to empower the girl students through education and greater awareness. The activities included seminars, lectures and Health and Hygiene awareness training.

Seminar on Women Empowerment. A seminar was conducted in the College on 13 Oct 2018 for 200 girl students of the College. The main session was taken Adv Kavitha Shankar who is an expert in the field of Women Empowerment and Legal expert. She educated the students on various issues and enthralled the audience with anecdotes and her experience in handling various women empowerment related cases. She also motivated and guided the students to a happy healthy and an empowered living. Her experience in various family related issues turned out to be an eye opener to many. Students. The class was well appreciated by all.



Adv Kavitha Varma addressing students

Stress Management Classes

A special session on Exam related stress was conducted on 20 Sep18 to educate the students to cope with everyday stress and exam related stress to promote healthy living and better academic performance. The class was conducted by Shri NM Varghese and was very well received by the students. The class also covered exam related stress which some students found very useful.



Motivational Talk.

The motivational talk by our Principal a well accomplished academician and an expert was held on 26 Jul for all students of Chemistry Dept. The Principal motivated the students through practical tips and exposed them to the avenues not exposed to them. He also encouraged them to work hard and there is no substitute to that.



Peer Talk

As a new concept we introduced peer level talk by Shajina to all freshers on 12 Jul 18. The experiences of a peer student and senior worked well for the freshers to settle down.



Poster Making Competition

A poster making competition was organized in collaboration with District Child welfare and Development Office on 21Jan 19 on the theme "Child Yesterday, Today and Tomorrow". 20 students keenly participated in the competition and winners were given prizes.

Seminar on Women Safety

A seminar on women safety was the highlight of International women's Day in the College. The seminar was organized under the aegis of Kerala Kaumudi in collaboration with WEC of

the College. Dy Comdt Kurikesh Mathew, MSP, Kerala Police was the Chief Guest. Opening address was given by Mr KN Suresh Kumar, Chief of Buerau, Kerala Kaumudi Malappuram. Capt (Dr) Hameed C, Principal presided over the function. Approx 300 girls attended the programme and benefitted from the safety tips by the specialists.

Future Plans The future plans of WEC include the following:-

- (a) To conduct pre and post marital counseling for students.
- (b) Legal literacy classes for the college.
- (c) Health and hygiene classes.

(d) Outdoor visits

Conclusion. The year saw various activities by the WEC. The students have been given not only exposure but also but also awareness on promoting a happy healthy and positive living.

Self protection training to women







CHILANKA 2016



Conducted medical camp and entertainment activities for transgender

Riya Isha Inaugurating English Department Association

