



S.N.M COLLEGE MALIANKARA

(Affiliated to Mahatma Gandhi University, Kottayam)

1. Title of the programme : Talk on “**Role of satellite technology in disaster management and sustainable development**” sponsored by KSCSTE & DST

2. Name of the Coordinator: Ms. Priya S Nair

3. Organizing Department/Cell : Department of Physics and Department of Chemistry

4. Date : 27th & 28th February 2018

5. Number of participants: 63

6. Venue: Seminar Hall

7. Resource Person: Dr. S. Abhilash, Associate Professor, Department of Atmospheric Science, CUSAT

8. Objective of the programme :

1. The use of satellite technologies in providing us with much-needed data on upcoming rainfalls and temperature variations, as well as land degradation, illegal resource extraction, epidemiology, or crop yields, among other areas.

9. Detailed description of the event:

National Science Day was observed on 27th February 2018 & 28th February 2018 at seminar hall. The programme was supported by KSCSTE & DST and jointly organised by Department of Physics and Department of Chemistry, SNM College, Maliankara. Ms. Priya S Nair was the programme coordinator. The resource person Dr. S. Abhilash, Associate Professor, Department of Atmospheric Science, CUSAT delivered a talk on “Role of satellite technology in disaster management and sustainable development”. He talked about the potential impact of using satellite communications for development and aid purposes and the role of development professionals in bringing the technology to those who need it the most. An essay competition on the topic “The role of science and technology for sustainable future” was conducted in the forenoon on 27/02/2018. Ms Anisha K M of III DC Physics, Ms. Anilda Philomena of II PG Economics and Mr Avin E S of II PG Physics bagged the first, second and third prize respectively. A Quiz competition based on the topic “General science and recent developments in science” was conducted for the students in the afternoon session of 27/02/2018. Department of Chemistry, Department of Physics and Department of Botany secured the first, second and third position respectively.

10. Outcome of the event/Evaluation by programme Coordinator: The talk was very effective in creating awareness on satellite technology in disaster management and sustainable development among students. The resource person explained that space-based

technologies can contribute to all phases of the disaster management cycle, including prevention, preparedness, early warning, response and reconstruction. Before a disaster takes place, remotely sensed data provides information for systems and models which can predict disasters and provide early warnings. Satellites are also reliable and rapid communication, observation and positioning tools, which become particularly vital to relief and recovery operations when ground based infrastructure is damaged. The topics covered in the session were very interesting and useful for the students and they actively participated in the interactive session held at the end of the talk. Participants evaluated the seminar as an informative and effective learning experience.

Brochure

Organizing Committee

Chief Patron : Sri. K.C. Sathesh (Manager, SNM College)
 Patron : Dr. Cibi Komalan (Principal, SNM College)
 Programme Co-ordinators : Ms. N. Preena & Ms. Priya S. Nair

Members

Ms. P. V. Ahna (HOD, Department of Physics)	Ms. T. R. Honey (Prof. Department of Chemistry)
Dr. Janju P P	Dr. M. G. Bhuvanawary
Dr. Neena P	Ms. Anusree K. U
Mr. C.P. Sunilkumar	Dr. Resmi V C
Ms. Soumya V S	Ms. Vidya E V
Ms. Meera P S	Dr. Manju P Nair
Ms. Raysha Benedict	Ms. Ahira Jayaram
	Ms. Rohini Kanakan

For more details contact:

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Organised by :
 FIST Supported Post Graduate Departments of
 Physics and Chemistry, SNM College Maliankara

Supported by :
 Kerala State Council for Science,
 Technology and Environment
 (KSCSTE)
 & DST, Govt. of India

Dear Sir/Madam

FIST supported Post Graduate departments of Physics and Chemistry, SNM College, Maliankara is celebrating National Science day 2018 on 27th & 28th February. The event is supported by Kerala State Council for Science, Technology and Environment (KSCSTE) and DST, Government of India.

National Science Day is celebrated all over India with great enthusiasm on 28th of February every year in order to commemorate the invention of the Raman Effect by the Indian physicist, Sir Chandrasekhara Venkata Raman. Each year the day is celebrated by spreading awareness on the importance of Science by choosing a specific theme. This year the focal theme of the day is "Science and technology for Sustainable Future".

As you know 21st century is marked with the advancement of science and technology in various aspects. But all its benefits should be for the betterment of mankind. One of the main objectives of science and technology is natural disaster risk reduction. With the development of science and technology, we already know much about natural hazards and about the ways and means to avoid or reduce many of their effects. The research should be done more with such an aim thereby significantly reducing the effects of disasters. In order to spread awareness on the topic a seminar will be conducted on "The Role of Satellite Technology in Disaster management and Sustainable Development". With immense pleasure we welcome everyone to the session.

Ms. N. Preena & Ms. Priya S. Nair
Programme Co-ordinators

Dr. Cibi Komalan
Principal

Programme Schedule

Date: 27/02/2018

10.30 am	Registration
11.00 am to 12.00 pm	Science Writing Competition (Malayalam)
01.00 pm to 3.00 pm	Science Quiz

Date: 28/02/2018

Venue : Seminar Hall

10.00 am	Registration
10.30 am-11.00am	Inaugural Session
Welcome speech	Ms. T.R. Honey (HOD, Department of Chemistry, SNM College)
Presidential address	Dr. Cibi Komalan (Principal, SNM College)
Inaugural Address	Dr. S. Abhilash (Asst. Professor, Department of Atmospheric Science, CUSAT & Member of Kerala State Disaster Management)
Felicitaiton	Dr. V.S. Jainilal (Associate Professor, Department of English, SNM College)
Vote of Thanks	Ms. Priya S. Nair, (Programme Co-ordinator)
11.00am-11.15am	Tea Break
11.15am-12.45 pm	SEMINAR on "THE ROLE OF SATELLITE TECHNOLOGY IN DISASTER MANAGEMENT AND SUSTAINABLE DEVELOPMENT"

Photos



List of participants

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February - 28th 2018

Sl.No	Name and Address	Department	Signature
1	Rinku K.P	III rd MSc. Chemistry	[Signature]
2	Swarnaviji C.V	"	[Signature]
3	Amritha	"	[Signature]
4	Achira P. Ashraaf	"	[Signature]
5	Pavithra M.P	"	[Signature]
6	Archana Ramadas	"	[Signature]
7	Althica K.A	"	[Signature]
8	Melka Mathew	III rd B.Sc. Physics	[Signature]
9	Sareelakshmi Udayan	"	[Signature]
10	Ayazwarya C.B	"	[Signature]
11	Ganga A.S	"	[Signature]
12	Suhana K.M	"	[Signature]
13	Aiswarya Mahesam	"	[Signature]
14	Anjali M.M	"	[Signature]
15	Anjitha P.V	"	[Signature]
16	Ashil A.V	III rd MSc. Physics	[Signature]
17	Avin E.S.	"	[Signature]
18	Neelika	"	[Signature]
19	Kavya	"	[Signature]
20	Riya K.J.	"	[Signature]
21	Rivalthy E.R.	"	[Signature]
22	Haritha V.B	"	[Signature]
23	Anju Jayaraj	"	[Signature]

24	Arijana Vasudev		
25	Akhira V.S		
26	Karthika		
27	Nimisha Jasson		
28	Simsy A.P	B.A. Hsc Zoology	
29	Sudha Ramadharan	"	
30	Hajera K.H	"	
31	Satishakshmi.M	"	
32	Lakshmi.C.R.	"	
33	Geopika.V.A.	"	

34	Anathy Santhosh.M	"	
35	Mini PM	"	
36	Geopika G. Nair	"	
37	Reemag Muralidharan	"	
38	Arjuni M.S.	"	
39	Ajma	"	
40	Rabha Babu	"	
41	A. Anurag	"	
42	Ajma V.A	B. Sc. Botany	
43	Alma C.V	"	
44	Mayana	"	
45	Parvathy.M.R	"	
46	Arjuni K	"	
47	Megha.V.G	"	
48	Arwani.C.S	"	
49	Sukanya.K	"	
50	Geetha Krishna	"	
51	Favit Davis	B.A. Hsc Mathematics	
52	Smritha.V.S	"	
53	Bhargylakshmi.P.R.	"	
54	Nimitha.P.V	"	
55	Kaarthika.C.V	"	
56	Sweetha.N.Suresh	"	
57	Sruthy Das	"	
58	Sruthy A.K	"	
59	Elsa Joy	"	
60	Arha T.S	"	
61	Arha C	"	
62	Dr. FH Jiba	Dept of Malayale	
63	Sreji.P.R	"	