

## Nature Club activities 2019-20

### 1. **World environment day 2019**

**Observed on 5<sup>th</sup> June 2019**

As a part of World Environment Day 2019, Nature Club, S.N.College, Kollam organized a **seminar** based on a focal theme **Air Pollution** on 19<sup>th</sup> July, 2019. The seminar entitled '**Air Pollution, The Invisible and Silent Killer**' and supported by **Kerala State Council for Science Technology and Environment**. The main aim of conducting this seminar was creating an understanding and awareness on how we could make changes in our everyday lives to reduce the amount of air pollution we produce and thwart its contribution to global warming and its effect on our earth.

More than 100 participants including teachers, academicians, staff and students of our college attended the seminar.

#### **INAUGURAL SESSION**

One day seminar on "Air pollution, The invisible and Silent killer was organized by the PG and research department of Zoology and Nature club of S.N. College, Kollam in collaboration with Kerala State Council for Science Technology and Environment( KSCSTE),Government of Kerala. The inaugural session began with a prayer followed by the welcome speech delivered by Dr.B.T.Sulekha , Head of PG and research department of Zoology. The function was presided by Dr.R.Sunilkumar, Principal, S.N.College, Kollam. In his speech he focused on the importance of observing the world environment day on 5th of June every year, for encouraging awareness and action for the protection of our environment. The seminar was inaugurated by Dr.C.R Jayasankar (Assistant Director of Kerala health services and Deputy district medical officer, Health , Kollam). He delivered an excellent and influential speech by citing many examples from daily life, in order to focus the audience to the focal theme of the seminar "Air Pollution". In his speech he also raised the consequences of air pollution on human health. Dr.S.V.Manoj(Assistant professor, Department of Chemistry, IQAC coordinator) extended the felicitation. Towards the end of the sessions, Dr. S. Sheeba (Assistant Professor, Department of Zoology, seminar coordinator) delivered the Vote of thanks. She also expressed gratitude and appreciation to all the chief guests and participants of this seminar on behalf of the department of Zoology and Nature club SN College, Kollam.

#### ***About the Thematic Session***

#### **FIRST SESSION.**

First session of the seminar was handled by DR.C.R. Jayasankar (Assistant Director of Kerala Health Services and Deputy District Medical Officer, Kollam). The topic of this session was "SAVE OUR BREATH". Dr.C.R Jayasankar spoke at length about the severe physical and psychological health complications which may arise as a result of the invisible and silent killer "Air pollution". Through his talk, he made us aware that our health is strongly influenced by the

air we breathe and the poor quality of air causes people to die younger as a result of cardiovascular and respiratory diseases. He also added that this air pollution will exacerbates chronic diseases such as asthma, bronchitis etc. causing people to miss school or work ,eroding the quality of life. As a doctor in MBBS and BAMS, he also suggested some natural remedies to get rid of some air pollution related respiratory diseases. His session was really an eye opener, which enabled us to have a clear idea about the potentiality of air pollution to ticks off the life on earth.

## **SECOND SESSION**

Second session was handled by Dr. Manoj M.G (Research Scientist at Advanced Centre for Atmospheric Radar research, Cochin university of Science and Technology). The topic of the session was “Air pollution and Earth’s future”. He described the physical and chemical aspects and the properties of particulate matter responsible for the observed adverse environmental effects. He also mentioned in detail about the chemical constituents of industrial emissions, that may badly effect the quality of air we breathe. As he is a research scientist in the field of meteorology, he clarified the role of weather conditions such as temperature inversions, stability and topogrphay effects, towards air pollution. He pointed out the important sources of air pollution and in addition to this, he also suggested the actions that we could take inorder to reduce air pollution. This was really an insightful and interesting session, through which we all grabbed the reality that ,it is when the recent modernization and industrialization coincides with the rapid increase in energy consumption and intense emission of air pollutants, our environment is suffering from serious air pollution.

## **THIRD SESSION**

Third session was handled by M.S.Jyothilekshmi. K. (M.phil Scholar of Department of Aquatic biology and Fisheries, University of Kerala). The topic of this session was “Air pollution, a cause of global disaster - Consequences and Control”. From the beginning of this session itself, she got mainly focused on the main topic of the seminar “Air pollution, The invisible and Silent killer. In order to bring all of our minds towards the significance of the seminar topic, She compared the ever increasing pollution with a cancerous tumor that will surely and silently kills us and all our fellow species. She had provided a great class on the air pollution by including the meaning of air pollution, its sources, its causes, etc. In addition to all these she also made us aware about the major pollutants that affects the environment, its prevention and also the objectives of air pollution control devices. The session was very informative and interesting in which, she had focused the importance of preventing air pollution for the better living and existence of life on earth.

All the three sessions were very informative and interactive. It provides us proper knowledge about the impact of air pollution, which cannot be taken lightly as it is even responsible for 7 millions of death each year. Towards the end of these sessions we got a clear understanding that, it is the air pollution which is currently responsible for millions of death and destruction of entire ecosystem worldwide and therefore it is our responsibility to hold off some of our activities which may contribute to this silent killer “Air Pollution”.

## GRATITUDE

In this present scenario it is very essential to protect our environment and lives from the invisible killer “Air Pollution”. For this we express our sincere thanks to Kerala State Council for Science Technology and Environment for supporting us to organize the seminar on world environment day. We also extend our thanks to the resource persons who made this seminar a thoughtful and fruitful one thank you all.



**REPORT ON GLOBAL TIGER DAY, 2019 OBSERVED ON 29<sup>TH</sup> JULY 2019**

PG And Research Department Of Zoology and **Nature Club**, S N College , Kollam

**JOINTLY WITH**

**WWF-INDIA**

**SPONSORED BY**

**SOCIAL FORESTRY EXTENSION UNIT**

**KOLLAM KERALA**

**KERALA FORESTS & WILDLIFE DEPARTMENT**

**REPORT ON WORLD ENVIRONMENT DAY 2019 CONDUCTED AT SN COLLEGE  
KOLLAM**

As part of this global tiger day 2019, PG and Research department of Zoology and **Nature club** of S.N.College, Kollam, jointly with WWF, one of the world's largest and most experienced independent conservation organization, along with the support of social Forestry extension unit and Kerala Forests and Wildlife department of Kollam, Kerala had organised a one day programme at the seminar hall of S.N. College.

Main aim of conducting this programme was spreading awareness on the conservation and promotion of the protection of the natural habitats of tigers and also to have an understanding about the decline of wild tiger numbers and to encourage the tiger conservation.

**REGISTRATION**

More than 100 participants including teachers, academicians staff , and students of our college attended the programme.

**INAUGURAL SESSION**

The inagural session began with a prayer, followed by the welcome speech delivered by Dr.B.T.Sulekha, H.O.D, Assistant Professor, Department of Zoology. The function was presided by Dr.R.Sunilkumar, Principal of S.N.College, Kollam. In his speech he focussed on the importance of observing international tiger day on 29<sup>th</sup> of July every year, for encouraging awareness and action for the protection of Tigers. The programme was inaugurated by Sri.N.T.Sajan IFS, (Conservator of forests, and Social Forestry, Southern region, Kollam). He delivered an excellent and influential speech on the need for the conservation of the magnificent Tiger, an important champion of the nature and the wild. He stated that, taking bold actions for tigers will have much wider impact than just for 1 species. That is a win for tiger can also be a win for other biodiversity and humans too. followed by this, Sri Jyothi K.S (Assistant Conservator of Forests, Social Forestry extension of Kollam) and Dr. N. Ratheesh ( Assistant professor of Department of Botany) extended the felicitation speech towards the end, Dr. S. Sheeba (Assistant professor, Dept. of Zoology)delivered the vote of thanks. She expressed her gratitude and appreciation to all the chief guests and participants of this programme, on behalf of the dept. of Zoology and Nature Club.

## *About the Thematic Session*

### **FIRST SESSION.**

The first session was handled by Sri. Renjan Mathew Varghese, (The state director of WWF, India). The topic of this session was “Protecting tigers is ultimately Protecting us”. Through this session, he made us aware that tigers are a touch stone for many other benefits provided by the ecosystem, in which they live,...which have positive impacts on human well being, economy, and culture. He also described the role of natural ecosystems, such as those protecting tigers,...in reducing the risk and protecting us from various natural disaster .he also gave detailed facts about the conditions of tigers in India and the present state of tiger conservation campaign. Through his vivid videos and presentations, he focussed how we or the common man could spread awareness that could help to conserve these tigers. He also added that, if tigers are to survive this century and beyond, their home range is urgently needed to be protected and restored. That is if the landscapes are not large, diverse and protected enough, tiger will not survive..in addition to this, he also pointed out that, since tiger constitute the top carnivore in the ecosystem, by taking away one of the important predator like tiger ,prey will increase at the cost of the habitat ,which may finally impact the mankind. This session was very informative, and from this we all got a clear idea that we have to hold off some of our activities that may badly affect the existence of these tigers which in turn will ultimately affect our existence too.

### **SECOND SESSION**

The second session included the presentation of slogans raised by the students of Department of zoology and Nature Club “On the role of tigers in our forests”. Each and every slogan focussed on the need for conserving and saving the tigers for the conservation of the entire wilderness ecosystem. This was really and insightful and interesting session.

### **THIRD SESSION**

This session was handled by Sri.A.K.Sivakumar,(Senior education officer, WWF, India). He conducted a quiz programme. In this session, the students showcased their brilliance by rapidly answering the questions. Though some of the questions were difficult, they tried to answer them with confidence. This session was very informative and knowledge enriching. Nature club and Dept .of Zoology encouraged this kinds of quiz programmes to brings out the best in all students, while ensuring that, students can learn through all possible ways – not just through books and class room coaching , but also through these kinds of programmes.

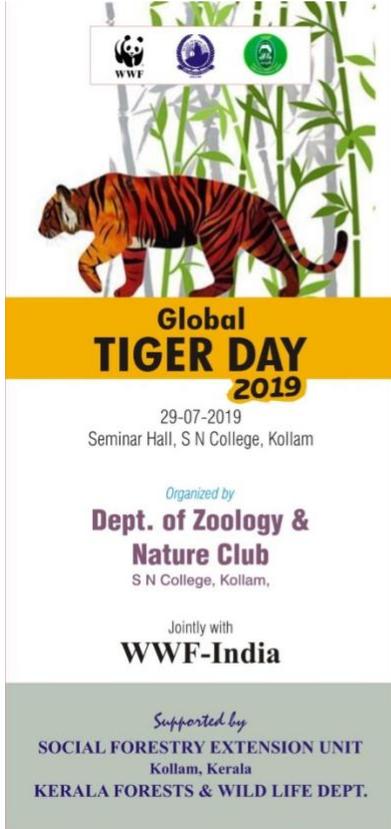
### **FOURTH SESSION**

In this session, the rapporteur ,Miss Nidhi Soman, Student, IV semester MSc Zoology, presented a final report, in which she tried to sort out the best moments of this programme. It was presented in the most brief and convincing way. Her final report proved to be a very good review of the suggestions made by the eminent persons of this programme.

All of the sessions were very informative and interactive. Through this we all got a clear idea that by protecting tigers we are protecting the forests, something which ultimately benefits us and also made us aware that by we have to hold off some of our activities that may badly affect the existence of tigers which in turn will ultimately affect our existence too.

## GRATITUDE

In this present scenario it is very essential to protect and conserve our tigers, the magnificent champion of the wild and the nature. For this we express our sincere thanks WWF- india and Social Forestry Extension unit and Kerala Forests and Wildlife department of Kollam, Kerala for supporting us to organize this programme on Global Tiger Day. We also extend our thanks to the resource persons who all made this programme an insightful and interesting one.



**Global  
TIGER DAY  
2019**

29-07-2019  
Seminar Hall, S N College, Kollam

Organized by  
**Dept. of Zoology &  
Nature Club**  
S N College, Kollam,

Jointly with  
**WWF-India**

Supported by  
**SOCIAL FORESTRY EXTENSION UNIT**  
Kollam, Kerala  
**KERALA FORESTS & WILD LIFE DEPT.**

PROGRAMME SCHEDULE	
<b>Inaugural Session</b>	
9.30-10.00 am	: Registration
<b>Inaugural Session</b>	<b>10.00 am – 10.45 am</b>
<b>Prayer</b>	
Welcome	: <b>Dr. B. T. SULEKHA</b> HOD, PG & Research Dept. of Zoology
Presidential Address	: <b>Dr. R. SUNILKUMAR</b> Principal, S N College, Kollam
<b>Inauguration</b>	: <b>Sri. N. T. SAJAN. IFS</b> (Conservator of Forests, Social Forestry, Southern Region, Kollam)
Felicitation	: <b>Sri. JYOTHI K. S.</b> (Asst. Conservator of Forests, Social Forestry Extension, Kollam)
	<b>Dr. N. RATHEESH</b> Dept. of Botany, S N College, Kollam
Vote of Thanks	: <b>Dr. SHEEBA S.</b> , Dept. of Zoology, S N College, Kollam
Tea Break	
<b>Session I</b>	
11.00 – 12.00 am	: <b>"Protecting Tigers is Ultimately Protecting Us"</b>
Resource Person	: <b>Sri. RENJAN MATHEW VARGHESE</b> State Director, WWF-India
<b>Session II</b>	
12.00am – 1.00pm	: Presentation by students on the role of Tiger in our Forests
<b>1.00pm – 2.00pm</b>	: <b>Lunch Break</b>
<b>Session III</b>	
2.00pm – 3.00pm	: Tiger Quiz <b>Sri.A.K. SIVAKUMAR</b> Senior Education Officer, WWF- India
<b>Session IV</b>	
Wrapping up Session	: 3.00 pm – 3.30 pm
Rapporteur Report	: <b>Ms. NIDHISOMAN</b>
<b>National Anthem</b>	
<b>Organizing Committee</b>	
Principal	: Dr. R. Sunilkumar
HOD	: Dr. Sulekha B.T
Coordinator	: Dr. Sheeba.S
Members	: Dr. B.Hari, Dr.S.Jisha, Smt.Nisha.V.S. Dr. DivyaT.Dharan, Dr.Salini, M.P.Dr. Meera.D, Dr. N.Ratheesh, Dr.Chithra Vijayan, Dr.Hidhya.S. Smt. Gneeshma. R., Sri. Arun Prasad.R