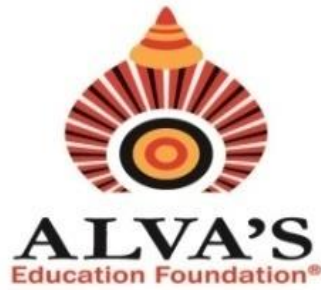


ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi Approved by AICTE, New Delhi & Recognised by Government of Karnataka)
Shobhavana Campus, Mijar – 574225, Moodbidri.
Dakshina Kannada Karnataka, India.



A Report on

SRISHTI

-The Nature Club



ACADEMIC YEAR 2019-20

FACULTY Coordinator: Prof. Yuvaraj T
Prof. Sandeep



Content

Sl. No.	Date	Event Details
1	22/09/2019	Massive Ocean Cleanup Program
2	24/09/2019	“Saving Karnataka’s Natural Heritage” Inauguration and guest talk by Dr. Sanjay Gubbi
3	05/10/2019	65 th Vanyajeevi Sapthaha
4	03/03/2020	Guest talk on “Reptiles and the Conservation Status of Snakes” by Dr. Gowri Shankar

SRISHTI- The Nature Club

About the Club:

Human being is one among the dependent species of the world. He needs valuable natural resources such as water fruits minerals etc for his living. He also depends on nature for his living and is also protected by the nature. Many a times he forgets his duty towards the very nature that has protected him so far. Greed overcomes need and results in destruction of nature. SRISHTI a venture of the Alva's Education Foundation aims to remind the students of AIET about their responsibility towards conservation and development of nature by conducting various activities like guest lecturers, nature visits, workshops and many other competitions. It believes that this is possible only when we understand and appreciate the selfless contribution in our life towards nature.

“SRISHTI” is a nature and environmental club of Alva's Education Foundation (AEF) which offers wide spectrum of environmental and nature activities and platform to enhance, exhibit the relationship with Mother Nature.

The club conducts various learning and adventurous activities for students of Alva's Education Foundation (AEF) which attempts for overall development of students.

The Vision is to be a role model club by initiating innovative, creative and contemporary practices to secure Mother Nature.

The Mission is to emphasize in creating the awareness on environmental issues and its impact to the students of AEF.

The objective of the club is to conducts various programmes in an attempt to create awareness on environmental issues through

- Expert views on environmental issues.
- Sensitizing students on burning environmental issues through audio-visual programmes.
- To launch environmental awareness campaigns through posters and drawing competitions.
- Organize trekking camps at surrounding forest belts to explore the beauty of nature.
- To plant saplings and rejuvenate the forest belts.
- To celebrate World Environment Day (June 5th) at the Institute.



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri - 574225



SRISHTI

A JOURNEY TOWARDS BUILDING GREENER WORLD *The Nature's Club*

"Srishti" is a nature and environmental club of Alva's Education Foundation (AEF) which offers wide spectrum of environmental and nature activities and also a platform to enhance, exhibit the relationship with Mother Nature

Vision To be a role model club by initiating innovative, creative and contemporary practices to secure Mother Nature

Mission To emphasize in creating the awareness on environmental issues and its impact to Alva's Education Foundation (AEF) Students



Activities

Guest Talks
Awareness Programmes
Nature fest
National park visit
Trekking



Faculty Co-ordinators
Prof. Yuvaraj, T (9916070911)
Prof. Sandeep Kumar (9743645857)

Student Co-ordinators
Shikar V Jain (916432052)
Girija R (8861237427)

Ref: AIET/CLUBS/SRISHTI/2019-20/001

SRISHTI- THE NATURE CLUB

CIRCULAR

12/08/2019

It is hereby informed to all the students of AIET that those who are interested to join the Srishti club for the academic year 2019-20 can enroll your names with Srishti coordinator Prof. Yuvaraj T. before 17/08/2019

Students are hereby informed to actively participate in all the activities of the club



Coordinator



Principal

Principal
Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K

CC to:

All HOD's- Civil, Mech, CSE, ECE, ISE, Physics, Mathematics, Chemistry

All HOD's- Civil, Mech, CSE, ECE, ISE, Physics, Mathematics, Chemistry

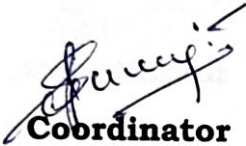
Ref: AIET/CLUBS/SRISHTI/2019-20/002

SRISHTI- THE NATURE CLUB

CIRCULAR

18/08/2019

Srishti – the Nature Club is happy to announce that the student members for the academic year 2019-20 are being shortlisted. The selected student members list is herein attached with the circular. All shortlisted members are hereby informed to actively participate in all the activities of the club.



Coordinator



Principal
Principal
Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K

CC to:

All HOD's- Civil, Mech, CSE, ECE, ISE, Physics, Mathematics, Chemistry

SRISHTI CLUB

STUDENT MEMBERS LIST FOR 2019-20

SL. NO	USN	NAME
1	4AL16EC004	Ankitha C C
2	4AL16EC005	Anupama J S
3	4AL16EC012	Bhanupriya H K
4	4AL16EC100	Chesmi B R
5	4AL17EC064	P V Sai Suraksha
6	4AL16EC021	Dhanalakshmi G
7	4AL16EC022	Gagana M R
8	4AL16EC100	Chesmi B R
9	4AL17EC024	Deeksha J Acharya
10	4AL17EC027	Dhaval
11	4AL17EC040	Kavya M M
12	4AL17EC079	Rohan Shetty
13	4AL18EC005	Akshatha Y E
14	4AL18EC018	Gulbi Gouri Shankar
15	4AL18EC029	Likith N Gowda
16	4AL18MBA49	Nathasha Hegde
17	4AL18MBA53	Rakson Ricky
18	4AL17ME043	Gawda Purushotham Nagesh
19	4AL17EC007	Akshay Kulal
20	4AL17EC031	Karthik Prabhu
21	4AL17ME001	Abdul Rahiman
22	4AL17ME047	Rajnish Kumar
23	4AL17ME088	Vinodraj
24	4AL17EC072	Srivathsa H S
25	4AL17ME083	Veena V
26	4AL17ME053	Rohan Prabhu
27	4AL17ME093	Asha N B
28	4AL17ME027	Husenbasha
29	4AL17ME037	Musthak Ahamed T H
30	4AL18CV012	Channabasava
31	4AL16CV076	Sachin Andewadi
32	4AL16CV051	Mushahid Aly
33	4AL17CV044	Nidhi S
34	4AL17CV037	Mithun Gowda B

35	4AL17CS108	Viha B Raju
36	4AL17CS109	Vikas A L
37	4AL17CS107	Vidya K C
38	4AL17CS108	Viha B Raju
39	4AL17CS109	Vikas A L
40	4AL17CS040	Kavana V
41	4AL17CS033	Hemalath S
42	4AL17IS007	Anjali C J
43	4AL17IS010	Ashwitha R Salian
44	4AL17IS026	Manish R
45	4AL17IS027	Melody Naorem
46	4AL17IS031	Navya Poojary
47	4AL17IS032	Nikitha Shetty
48	4AL17IS035	Priya
49	4AL16IS013	Dheeraj Shetty
50	4AL16IS015	Girija R
51	4AL16IS017	Hanvitaa G
52	4AL16IS048	Sanjana Shekhar Shetty


Coordinator

Ref: AIET/CLUBS/SRISHTI/2019-20/003

SRISHTI- THE NATURE CLUB

CIRCULAR

21/09/2019

It is hereby informed to students that the Srishti club is organizing an event
"Massive Ocean Cleanup Program" at Mulki on 22/09/2019. All the Srishti
club members are informed to attend the same compulsorily



Coordinator



Principal
Alva's Institute of Engg. & Technology,
Mijar. MOODSIDRI - 574 225, D.K

CC to:

All HOD's- Civil, Mech, CSE, ECE, ISE, Physics, Mathematics, Chemistry

Activities of SRISHTI for the academic year 2019-2020

Massive Ocean Cleanup Program

Venue: Mulki

Date: 22/09/2019

Report:

Members of SRISHTI participated in Massive Ocean Cleanup Program on 22/09/2019 which was organized by Mantra Surf Club, Mulki. Around 75 student members of SRISHTI were a part of this massive ocean cleanup program. The student members collected the thrash along the sea shore and segregated them.

Event:

On 22nd September 2019 “Ocean Cleanup” program was held by Alva’s Institute of Engineering and Technology in association with Mantra Surf Club, Mulki. About 75 Students from SRISHTI club of Alva’s Institute of Engineering and Technology have participated with great enthusiasm in the event. On this auspicious occasion the participants were made aware of the need of beach cleaning in the current times and different causes that are causing pollution in the ocean. And they were also informed about how to keep the ocean clean. The student members collected the thrash along the sea shore and segregated them.

Faculty coordinators of SRISHTI club Prof. Yuvaraj, Prof. Sandeep and Prof. Bhargavi graced the occasion.



Student members of Srishti club at Mantra Surf Club during the Massive Ocean Clean up drive.

Outcome:

Around 75 students including both Srishti and other interested students took part in the Massive Ocean Clean up drive event. Students were able to clean up a small part of the beach and understood the adverse effects of contaminating the water bodies.

PRINCIPAL

**Dr. Institute of Engg. & Technology,
Mijar. MOC23IDRI - 574 225, D.K**

Ref: AIET/CLUBS/SRISHTI/2019-20/004

SRISHTI- THE NATURE CLUB

CIRCULAR

23/09/2019

It is hereby informed to students that, the Srishti club is organizing a Guest talk on **“Saving Karnataka’s Natural Heritage”** by **Dr. Sanjay Gubbi** on 24/09/2019 at Engineering Seminar Hall. All the Srishti club members are informed to attend the same compulsorily



Coordinator



Principal
PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

CC to:

All HOD's- Civil, Mech, CSE, ECE, ISE, Physics, Mathematics, Chemistry

Great talk by Dr. Sanjay Gubbi

Venue: Engineering Seminar Hall, AIET

Date: 24/09/2019

Topic: Saving Karnataka's Natural Heritage

Report:

SRISHTI club for the academic year 2019-20 was formally inaugurated by Dr. Sanjay Gubbi. The session had the presence of Mr. Vivek Alva, Managing Trustee, Alva's Education Foundation. Dr. Gubbi also delivered the inaugural talk on Saving Karnataka's Natural Heritage. Dr. Gubbi explained the importance of biodiversity of Karnataka and its significance in balancing the ecosystem. He also encouraged the students to take initiatives in saving the endangered species. He also explained the adverse effects of Seed ball.

Sanjay Gubbi works mainly on conservation issues in Karnataka state. Sanjay bridges a strong understanding of the socio-economic and political aspects of conservation with its scientific bases.

Sanjay's PhD examines factors underlying the variation of leopard distribution across a habitat modification gradient in southern Karnataka, and evaluates current approaches to management of leopard-human conflict to help achieve a better understanding and management of this beleaguered species.

Sanjay's recent work, focusing on the Western Ghats of Karnataka, India has strived to reduce the impact of habitat fragmentation, collaborated with the Karnataka Forest Department towards an expansion of protected areas, helped institute new social security and welfare measures for forest watchers and guards. On these projects, Sanjay works with a wide cross-section of people, including policy makers, media and social leaders.

Sanjay also conducts training workshops for print and electronic media and conservation enthusiasts, among others, to expand support for and enhance public understanding of conservation. He

has taught Master's program courses at the National Centre for Biological Sciences and the Wildlife Institute of India. Today, Sanjay sits on the State Wildlife Board and other key panels of the state.

He writes extensively both in English and Kannada, and is especially keen on popularizing wildlife conservation in local languages. Around 200 students from AIET had attended the talk on this topic.



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Dr. Sanjay Gubbi addressing the students of AIET

ಅಳವಿನಂಚಿನ ಜೀವಿಗಳ ರಕ್ಷಣೆ ಆದ್ಯತೆಯಾಗಲಿ

by Sanjay Gubbi, 2019-20

ಜೀವಿಗಳ ರಕ್ಷಣೆ ಮತ್ತು ಸಂರಕ್ಷಣೆ ಎಂಬುದು ಒಂದು ಅತ್ಯಂತ ಮುಖ್ಯವಾದ ವಿಷಯವಾಗಿದೆ. ಇದರ ಮೂಲಕ ನಾವು ನಮ್ಮ ಪರಿಸರವನ್ನು ಸುಸ್ಥಿರಗೊಳಿಸಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಜೀವಿಗಳ ರಕ್ಷಣೆ ಮತ್ತು ಸಂರಕ್ಷಣೆ ಎಂಬುದು ಒಂದು ಅತ್ಯಂತ ಮುಖ್ಯವಾದ ವಿಷಯವಾಗಿದೆ. ಇದರ ಮೂಲಕ ನಾವು ನಮ್ಮ ಪರಿಸರವನ್ನು ಸುಸ್ಥಿರಗೊಳಿಸಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ.



ಜೀವಿಗಳ ರಕ್ಷಣೆ ಮತ್ತು ಸಂರಕ್ಷಣೆ ಎಂಬುದು ಒಂದು ಅತ್ಯಂತ ಮುಖ್ಯವಾದ ವಿಷಯವಾಗಿದೆ. ಇದರ ಮೂಲಕ ನಾವು ನಮ್ಮ ಪರಿಸರವನ್ನು ಸುಸ್ಥಿರಗೊಳಿಸಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಜೀವಿಗಳ ರಕ್ಷಣೆ ಮತ್ತು ಸಂರಕ್ಷಣೆ ಎಂಬುದು ಒಂದು ಅತ್ಯಂತ ಮುಖ್ಯವಾದ ವಿಷಯವಾಗಿದೆ. ಇದರ ಮೂಲಕ ನಾವು ನಮ್ಮ ಪರಿಸರವನ್ನು ಸುಸ್ಥಿರಗೊಳಿಸಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ.

ಸೀಡ್‌ಬಾಲ್ ಬಳಕೆ ಬೇಡ: ಸಂಜಯ್ ಗುಬ್ಬಿ

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

ಮುಂಬರುವ: ಬೆಂಗಳೂರು (ಮಧ್ಯ ಮೈಸೂರು ಜಿಲ್ಲಾ ಕಾಲೇಜು) ಬಳಿ ನಡೆದ ಒಂದು ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ, ಪ್ರಾಧ್ಯಾಪಕರು ಮತ್ತು ವಿದ್ಯಾರ್ಥಿಗಳು ಸೇರಿ ಪರಿಸರ ಸುರಕ್ಷತೆಯ ಬಗ್ಗೆ ಮಾತನಾಡಿದರು. ಈ ಸಂದರ್ಭದಲ್ಲಿ, ಪ್ರಾಧ್ಯಾಪಕರು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸೀಡ್ ಬಾಲ್‌ಗಳ ಬಗ್ಗೆ ಮಾತನಾಡಿದರು.



ಮುಂಬರುವ: ಬೆಂಗಳೂರು (ಮಧ್ಯ ಮೈಸೂರು ಜಿಲ್ಲಾ ಕಾಲೇಜು) ಬಳಿ ನಡೆದ ಒಂದು ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ, ಪ್ರಾಧ್ಯಾಪಕರು ಮತ್ತು ವಿದ್ಯಾರ್ಥಿಗಳು ಸೇರಿ ಪರಿಸರ ಸುರಕ್ಷತೆಯ ಬಗ್ಗೆ ಮಾತನಾಡಿದರು. ಈ ಸಂದರ್ಭದಲ್ಲಿ, ಪ್ರಾಧ್ಯಾಪಕರು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸೀಡ್ ಬಾಲ್‌ಗಳ ಬಗ್ಗೆ ಮಾತನಾಡಿದರು.

ಜೀವಿಗಳ ರಕ್ಷಣೆ ಮತ್ತು ಸಂರಕ್ಷಣೆ ಎಂಬುದು ಒಂದು ಅತ್ಯಂತ ಮುಖ್ಯವಾದ ವಿಷಯವಾಗಿದೆ. ಇದರ ಮೂಲಕ ನಾವು ನಮ್ಮ ಪರಿಸರವನ್ನು ಸುಸ್ಥಿರಗೊಳಿಸಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಜೀವಿಗಳ ರಕ್ಷಣೆ ಮತ್ತು ಸಂರಕ್ಷಣೆ ಎಂಬುದು ಒಂದು ಅತ್ಯಂತ ಮುಖ್ಯವಾದ ವಿಷಯವಾಗಿದೆ. ಇದರ ಮೂಲಕ ನಾವು ನಮ್ಮ ಪರಿಸರವನ್ನು ಸುಸ್ಥಿರಗೊಳಿಸಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ.

News paper article on the event

Outcome:

Around 200 students from AIET had attended the guest talk delivered by Dr. Sanjay Gubbi. Dr. Sanjay Gubbi explained the importance of tigers and also explained the side effects of utilizing seed balls in cultivation.


PRINCIPAL

Ref: AIET/CLUBS/SRISHTI/2019-20/005

SRISHTI- THE NATURE CLUB

CIRCULAR

04/10/2019

It is hereby informed to students that, the Srishti club is organizing “**65th Vanyajeevi Saaptha**” at Karkala on 05/10/2019. All the Srishti club members and interested students are informed to attend the same compulsorily



Coordinator



Principal
PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar. MOODSIDRI - 574 225, D.K

CC to:

All HOD's- Civil, Mech, CSE, ECE, ISE, Physics, Mathematics, Chemistry

65th Vanyajeevi Saaptha

Venue: Karkala, Karnataka

Date: 05/10/2019

Report:

As per the notice from the Forest department of Karkala the students of the nature club were taken to the "65th Vanyajeevi Saapthi" an awareness program conducted by the Karnataka Government every year with a motive to spread awareness among the youth about wildlife conservation and its importance.

Around 60 SRISHTI members attended this Event



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Students of Srishti club attending the awareness program "Vanyajeevi Sapthaha"

Outcome:

Around 60 members from Srishti and Chirp club attended this Event. Students were taken to Karkala in order to attend the event and the awareness was spread among the students.



PRINCIPAL

Sri's Institute of Engg. & Technology,
H.No. 600080001 - 574 225, D.K

Ref: AIET/CLUBS/SRISHTI/2019-20/006

SRISHTI- THE NATURE CLUB

CIRCULAR

02/03/2020

It is hereby informed to students that, the Srishti club is organizing a Guest talk on **“Reptiles and the Conservation Status of Snakes”** by **Dr. Gowri Shankar** on 03/03/2020 at Engineering Seminar Hall. All the Srishti club members are informed to attend the same compulsorily



Coordinator



Principal
PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K

CC to:

All HOD's- Civil, Mech, CSE, ECE, ISE, Physics, Mathematics, Chemistry

Guest talk by Dr. Gowri Shankar

Venue: Engineering Seminar Hall, AIET

Date: 03/03/2020

Topic: Reptiles and the Conservation Status of Snakes

Report:

Gowri Shankar is a wildlife biologist studying king cobras for close to two decades. He is enrolled as a Ph.D. candidate at North Orissa University, Odisha, India and is a former exchange student at Uppsala University, Sweden. His interest lay in Evolutionary Biology and is studying the phylogeography of king cobras across south east Asia. He has authored and co-authored 11 scientific papers on king cobras (6 were part of a special issue) for the 'Hamadryad', a leading herpetological journal. He also has more than 10 scientific papers on other herpetological topics and book reviews to his credit. He has previously worked at premier organizations like the Centre for Herpetology, Madras Crocodile Bank Trust and also helped set up the Agumbe Rainforest Research Station, Agumbe, Karnataka. As a field biologist, he has been studying the natural history of king cobras for over a decade at Agumbe. As part of his study he has rescued and relocated over 350 king cobras from distress situations and monitored over 35 king cobra nests. He was instrumental in initiating the pioneering radio telemetry study on king cobras and was able to discover the secret life of king cobras. He has been featured in several wildlife documentaries like the 'King Cobra and I', 'Secrets of the King Cobra', 'One million snake bites', 'Asia's deadliest snakes', 'Wildest India', 'Wild India', 'Mysteries of Wild India' and 'Cobra King' by channels like the BBC, Discovery, NatGeo Wild, Animal Planet, Smithsonian and the National Geographic Channel and also served as a consultant to these channels. In 2015 he was awarded the Herpetologist of the Year by the Swedish Herpetological Society. He is a TEDx speaker as well as TEDFellow 2020. He believes education is the cornerstone of conservation and has initiated specialized workshops and camps to educate people. One such

workshop is the Scientific Training on Reptile Management (STORM) a comprehensive workshop that introduces people to the life of reptiles. Over the last 7 years he has trained over 700 people on ethical and right methods of rescue and relocation of snakes. The King cobra bionomics and conservation workshop is another pioneering workshop that teaches people about the ecology, breeding biology, habitats, rescue methods of the king cobra and its role in conservation as a flagship species. He setup Kalinga Centre for Rainforest Ecology (KCRE), a camp site at Agumbe where people get an opportunity to learn about wildlife in the most responsible way. He is also the co-founder of Kalinga Foundation, an NGO focusing on ecological research and conservation to impact a positive change for the environment. He regularly delivers talks, presentations, and training sessions across the world. He addressed the student members of SRISHTI about reptiles in general and snakes in particular. He focused on non-venomous and venomous snakes and king cobras. He also presented the global conservation status of snakes and briefly touched upon present studies going on with king cobras. He also mentioned that earth supports a variety of flora and fauna. Among them are reptiles, a highly diverse group of terrestrial vertebrates with 10,450 known species and this number is consistently increasing at c. 100 per year. They are unfortunately the most neglected group in conservation prioritizations, as only 52% of the described species have been assessed in the International Union for Conservation of Nature (IUCN) Red List of Threatened Species (IUCN, 2017). Lack of appropriate data on taxonomy, ecology, distribution, population trends and threats have made them less popular. Among reptiles, 3500 species of snakes globally inhabit temperate to tropics, in terrestrial and aquatic habitats. As with most reptiles, distribution data for snake species remain scarce and consequently excluded from most large-scale studies of biodiversity and distribution patterns. Although reliable estimates

of snake diversity would contribute to global and regional strategies for biological conservation, not much effort has been made to understand them despite India being one of the biodiversity nations (having three biodiversity hot spots). Around 150 student members of SRISHTI club attended the session.



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Latitude: 13.023729241881734, Longitude: 74.96757763008625

Dr. Gowri Shankar delivering the Guest talk to the students of Srishti club

Outcome:

Around 150 student members from AIET and Srishti Club attended the session. Students understood the importance of reptiles and its uses in maintaining biodiversity.

PRINCIPAL

**AIET's Institute of Engg. & Technology,
M. J. MOODSIDI - 574 225, D.K**