



LAKE 2014: Conference on Conservation and Sustainable Management of Wetland Ecosystems in Western Ghats

ORGANISED BY



Energy and Wetlands Research Group, CES, IISc Bangalore



Indian Institute of Science, Bangalore



K K High School, Bangalore



Lions English School, Sirsi



Swarnavalli Mahasamsthana, Sirsi



Sharadamba Education and Rural Development Society, Bhairumbhe



Vidyaniketan Public School, Bangalore



Vagdevi Vilas Institutions, Bangalore

Sponsored By



Central Institute of Plastics Engineering and Technology, Government of India



Center for Infrastructure, Sustainable Transportation and Urban Planning, IISc, Bangalore



Karnataka State Pollution Control Board, Bangalore



Karnataka Biodiversity Board, Bangalore



Ministry of Environment and Forests, Government of India



NRDMS Division, Ministry of Science and Technology (DST) Government of India



Vagdevi Vilas Institutions, Bangalore



Vidyaniketan Public School, Bangalore

Date	Venue
	SWARNAVALLI MUTT, SONDA, SIRSI
13th November 2014, Thursday	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">Parisara Auditorium</p> <p>Inauguration, Wetlands in Central Western Ghats: Success Stories, Temple Ponds, Cultural Program</p> </div> <div style="width: 45%;"> <p style="text-align: center;">Swarnavalli Hall</p> <p>Students Interaction With Johnny Biosphere, Waste Recycling and Management (Posters and Oral Presentation), Discussion on Climate Change, Global Warming, Biodiversity and Environment</p> </div> </div>
	LIONS SCHOOL, SIRSI
14th November 2014, Friday	<div style="display: flex; justify-content: space-between;"> <div style="width: 33%;"> <p style="text-align: center;">Patavardhan Hall</p> <p>Researchers' Presentation</p> </div> <div style="width: 33%;"> <p style="text-align: center;">Prakruti Hall (Class 10)</p> <p>Urban Students' Presentation</p> </div> <div style="width: 33%;"> <p style="text-align: center;">Sadbhavana Hall (Class 9)</p> <p>Rural Students' Presentation</p> </div> </div>
	BHAIRUMBHE HIGH SCHOOL, SIRSI
15th November 2014, Saturday	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;">Sharadamba Hall</p> <p>Urban Dynamics, Hydrology and Soil, Panel Discussion, Cultural Program, Valedictory and Prize Distribution</p> </div> <div style="width: 45%;"> <p style="text-align: center;">Shalmala Hall</p> <p>Teachers' Presentations, Coastal Ecosystem, Poster Presentation</p> </div> </div>



LAKE 2014: Conference on Conservation and Sustainable Management of Wetland Ecosystems in Western Ghats

Date: 13th -15th November 2014

Symposium Web: <http://ces.iisc.ernet.in/energy>

Venue: Parisara Auditorium, Swarnavalli, Sirsi

Date: 13th November 2014, Thursday

8.30am – 9.00am	REGISTRATION
9.00am – 9.15am	<i>Dance Drama</i> by Students of Vagdevi Vilas School Inauguration
9.15am – 1.00pm	Keynote: WATER BODIES OF WESTERN GHATS: CONSERVATION AND MANAGEMENT – T.V. Ramachandra Chair: B. M. Kumaraswamy
	INAUGURATION – Invocation, Lighting the Lamp
	Inaugural Address
	Release of Conference Proceedings Release of Technical Report on “Water bodies of Uttara Kannada” Release of “Carrying Capacity Study (2009-2013) Reports”
	Presidential Address Chief Guest Address
1.00pm – 2.00pm	LUNCH
2.00pm – 5.00pm	WETLANDS IN CENTRAL WESTERN GHATS: SUCCESS STORIES Chair: Ananth Hegde Ashisar, B. M. Kumaraswamy and Harish K. Talk by Prakash Bhat
5.00pm – 5.30pm	TEA
5.30pm – 7.00pm	TEMPLE PONDS Chair: Shri Shri Gangadharendra Sarswati Swamiji Co-Chair: M.D. Subhash Chandran, Gajendra Gorsakodige, Ravi Haniya Talk by Balachandra Hegde, Sayimane
7.00pm – 7.20pm	Talk on Role of educational institutions in conservation – Harish Bhat
7.30pm – 8.00pm	<i>Yakshagana</i> – G.M. Bhat, Vajagar and Suma Bhat
8.00pm	DINNER

LAKE 2014 - TECHNICAL SESSION (PARALLEL 1)

Venue: Swarnavalli Mutt, Sirsi

Date: 13th November 2014, THURSDAY

2.00pm – 3.30pm	Students Interaction with Johnny Biosphere
3.30pm – 5.00pm	Discussion on Climate Change, Global Warming, Biodiversity and Environment Co-ordinator: Bharath Aithal
5.00pm – 5.30pm	TEA
ASSEMBLE IN <i>PARISARA AUDITORIUM</i> FOR TEMPLE PONDS SESSION AND CULTURAL PROGRAM	
8.00pm	DINNER

LAKE 2014 - TECHNICAL SESSION (PARALLEL 2)

PLASTIC WASTE RECYCLING AND MANAGEMENT

Theme **Venue: Swarnavalli Mutt, Sirsi**

Date: 13th November 2014, THURSDAY

Chair	S.K. Nayak, T.V. Ramachandra, Durga Madhab Mahapatra, Naveen B.P.			
Time	Speakers	Title		
2.00pm – 5.30pm	2.00pm	S.K. Nayak	Plastics Waste Management - Key Issues and Enviro-legislation and CIPET Initiatives	
	2.30pm	S. Ilangovan	Application of Plastics in Medical & Agriculture	
	2.40pm	S.Y. Shirali	Myths & Realities of Plastics	
	2.50pm	T. Barathan	Feed stock recycling of plastics from WEEE	
	3.00pm	N Vinoth	Use of plastic waste for road construction	
	3.10pm	N. Dharmasastha	Plastics in aerospace application and its role in energy conservation	
	3.20pm	R. Rahul	Environmental aspects of plastics recycling	
	3.30pm	E.V. Ramasamy	Changing Trend in Household Consumption Expenditure Pattern of Kerala	
	3.50pm	Ramesh	Geology of Western Ghats	
4.00pm - 4.30pm	TEA			
POSTER SESSION				
4.30pm – 5.30pm	4.30pm	R. Anandaraj	Recycling of engineering plastics from end of life vehicles	
	4.40pm	R. Dharamaraj	Plastic packaging recycling	
	4.50pm	A. Stalin	Recycling of engineering plastics from WEEE	
	5.00pm	T. Kasikumar	Utilization of plastic recycle in end use applications	
	5.10pm	V. Sathish	Advancements in plastics recycling technology	
	5.20pm	S. Saikiran	Challenges in plastic recycling	
ASSEMBLE IN <i>PARISARA AUDITORIUM</i> FOR TEMPLE PONDS SESSION AND CULTURAL PROGRAM				

LAKE 2014 - TECHNICAL SESSIONS

Venue: Patavardhan Hall, Lions English School

Date: 14th November 2014, FRIDAY

8.30am – 9.00am		REGISTRATION	
9.00am – 9.15am		<i>Bharatanatyam</i> by Monica Hegde	
9.15am – 10.00am		INAUGURATION	
10.00am – 10.30am		Keynote: Towards Integrated Management Of Western Ghats - M.D. Subhash Chandran Chair: T.V. Ramachandra	
10.30am – 11.00am		TEA	
Theme		WESTERN GHATS – Biodiversity, Eco-Economics, Energy, Geo-visualisation, Livelihood, Environmental Ethics	
Chair		M.D. Subhash Chandran, Bharath Setturu, Tara N.M. and Ganesh Hegde	
Time		Speakers	Title
11.00am – 1.00pm	11.00am	Ganesh Hegde	Decentralized Electricity Supply for Uttara Kannada through Renewables
	11.15am	Bharath Setturu	Visualization of Forest Changes in Uttara Kannada
	11.30am	Sandeep Banerjee	An Ecological Critic of the Development Paradigm as manifested in Rajan committee's composite development indexing and some recent relevant developmentalist literature
	11.45am	Swati Gupta	Western Ghats Biodiversity & identification of Eco-sensitive regions
	12.00pm	Shweta Gupta	Land use Dynamics in Western Ghats
	12.15pm	Gaurav Hegde	Change Detection Analysis to Study Natural Resource Degradation and Resilience around Kudremukh
	12.30pm	Seyon R.	Sustainable development and law: Exploring environmental ethics
	12.45pm	Tara N.M.	Geo-visualisation of Land, Water, Ecology and Biodiversity of Western Ghats
1.00pm – 2.00pm		LUNCH	

TERRESTRIAL ECOSYSTEM

Theme

Venue: Patavardhan Hall, Lions English School

Date: 14th November 2014, FRIDAY

Chair		Narasimhan, Deviprasad., Rajasri Ray and G.R. Rao	
Time	Speakers	Title	
2.00pm – 4.00pm	2.00pm	Narasimhan	
	2.20pm	Rajasri Ray	Biodiversity conservation in humanised landscape – challenges and opportunity
	2.40pm	Keshava H. Korse	
	3.00pm	G.R. Rao	Threatened tree species of swamps and riparian habitats of Central Western Ghats
	3.10 pm	G.P Patankar	Degradation of Forest and its impact on water Potential and Pollution of Uttara Kannada District of Karnataka State - India: A Geographical approach
	3.20pm	Raviraj Shetty G.	Conservation of Plant Biodiversity: Participatory Approach
	3.30pm	Sreevidya E.A.	Ecological importance of the sacred groves in the semi-urban landscape of Palakkad
	3.40pm	Sumesh Dudani	Lichens of Central Western Ghats
3.50pm	Sushma Shashi	Sustainable management of scared groves of Kodagu district of Karnataka using GIS technology	
4.00pm – 4.30pm	TEA		

AQUATIC BIODIVERSITY

Theme

Venue: Patavardhan Hall, Lions English School

Date: 14th November 2014, FRIDAY

Chair		S. Anbalagan, Keshava H. Korse, Balachandran C. and Asulabha K.S.	
Time	Speakers	Title	
4.30pm – 5.30pm	4.30pm	S. Anbalagan	Do aquatic insect studies pay attention in India?
	4.45pm	Balachandran C.	Stream Insect Diversity in Sacred and non-sacred forest of Ankola taluk Uttara Kannada, Karnataka
	5.00pm	Narayan Birasal	Habitat Specialist Flamingos in Hospet & Almatti: A time to begin " Annual Nature Piligrimage Fair"
	5.10pm	Asulabha K.S.	Biological diversity of Wetlands of Greater Bangalore
	5.20pm	Gouri Kulkarni	Status of Wetlands in Central Western Ghats

WETLANDS ECOSYSTEM

Theme

Venue: Patavardhan Hall, Lions English School

Date: 14th November 2014, FRIDAY

Chair		Devashish Kar, Sudarshan Bhat, Sincy V. and Gouri Kulkarni	
Time	Speakers	Title	
5.30pm – 6.30pm	5.30pm	Devashish Kar	Application of GIS for the study of the fish diversity and habitat parameters in the Wetlands of Barak Valley with Special Emphasis on Sone Beel; The biggest wetland of Assam
	5.50pm	Narasimha Hegde	<i>Myristica Swamps</i> of Western Ghats
	6.00pm	S.K.M. Basha	Wetlands Plants and its conservation of Pulicat Lake, Andhra Pradesh
	6.10pm	Sudarshan Bhat	Macrophyte diversity and Nutrient dynamics
	6.20pm	Sincy V.	Status of Wetlands in Greater Bangalore

AQUATIC TOXICOLOGY AND WASTE WATER TREATMENT

Theme

Venue: Patavardhan Hall, Lions English School

Date: 14th November 2014, FRIDAY

Chair		E.V. Ramasamy, Durga Madhab Mahapatra, Naveen B.P.	
Time	Speakers	Title	
6.30pm – 8.00pm	6.30pm	Vishal M. Rasal	Diversity and distribution of aquatic macrophytes in Powai lakes in Mumbai
	6.40pm	Navya Cherian	Mercury contamination in agricultural wetland ecosystems-a case study from Kerala
	6.50pm	A.S. Maheswari	Assessing the Functional Efficiency of Koothaippar Wetland Ecosystem through Water bird Population Study
	7.00pm	E.V. Ramasamy	Removal Of Cadmium From Water With Nutrient Film Technique (NFT)
	7.30pm	Keynote: Economic Wastewater Treatment and Biofuel Prospects - Durga Madhab Mahapatra Chair: T.V. Ramachandra	
8.00pm	DINNER		

LAKE 2014 - TECHNICAL SESSIONS - URBAN STUDENTS (PARALLEL 1)

Venue: Prakruti Hall (Class 10), Lions English School

Date: 14th November 2014, Friday

Category		10 th – 12 th STANDARD		
Chair		Devashis Kar, P.R. Bhat, Durga Madhab Mahapatra, A.V. Nagaratna, Sincy V., (with teachers of rural schools)		
Time	Speakers	Title	School	
11.00am – 1.00pm 10 mins presentation and 2 mins discussion	Aayush Menon Akash Sagar	Study of Topographical, Physical and Chemical Parameters of Lakes in AECS Layout and Kundanahalli	V.V.S. Munnekolalu	
	Mainak Mandal	Fantastic Plastics: Bioplastics	Vidyaniketan Public School	
	Nitish Sonu Somanna P.N.	Panoramic view through the lens of habitats and conducive thinking aspects in progress of improvisation in Munnekollalu	V.V.S. Munnekolalu	
	Nithya Aparna	Water management in urban slums	Delhi Public School (Bangalore South)	
	Pragathi Pai	Diversity of Angiosperms of Yellapamalashettara Lake and Vengaihana Lake of Bengaluru, Karnataka, India	Hymamshu Jyothi Kala Peetha Composite PU College	
	Prateek Bhat Pramod Kashyap C.	Aquatic angiosperms of twelve Lakes of Bangalore	Hymamshu Jyothi Kala Peetha Composite PU College	
	Ram S. Hattikudur	Assessing the Water Quality of Lakes in Bangalore using Diatoms as Bio indicators		
	Rohith Pavan Kalyan	Varthur Lake Catchment – Bore well Mapping and Water Quality Analysis	K. K. English High School	
	Sanjana Esha Prateeksha	Borewell Water Quality - 1km to 6 km around Vrushabhavathi River	Bangalore Blaze Girls School	
	Vishwesh Siva	Water quality monitoring of lakes and other water bodies	Alpine Public School	

9th STANDARD – URBAN (PARALLEL 1)**Category Venue: Prakruti Hall (Class 10), Lions English School****Date: 14th November 2014, Friday**

Chair		E.V. Ramasamy, A.V. Nagaratna, Boominathan M., Asulabha K.S. (with teachers of rural schools)			
Time	Speakers	Title	School		
2.00pm – 3.30pm	10 mins presentation and 2 mins discussion	Ananda Shikhara Bhat	Praying Mantids	Vidyaniketan Public School	
		Atmik Joy Chethan U.	Green technology & Environmental ethics	Little Flower Public School	
		Jithesh Sharathkumar	Lakes of Bangalore for Healthy Bangalore	Aryan Presidency School	
		Karmanya G. B. C. Siddharth Ashwin	Physicochemical Analysis of Borewell water, Drinking water and Cauvery water in and around the Vagdevi Vilas School, Bangalore, India	Vagdevi Vilas School	
		Monica C. Muskaan A.		Police Public School	
		Pavana V.	Biomass monitoring in our School	K. K. English High School	
		Sufiya Khan Harsha B. S.	A School with a Difference	K. K. English High School	
		Varsha Nagesh Anikethan S.J.	A Tale of Two Lakes - Lakes of Gowdanapalya – Dorekere and Gowdanakere	Prathana School	
3.30pm – 4.00pm	TEA				

8th STANDARD – URBAN (PARALLEL 1)**Category Venue: Prakruti Hall (Class 10), Lions English School****Date: 14th November 2014, Friday**

Chair		Narasimhan, P.R. Bhat, A.V. Nagaratna, Boominathan M., Sumesh Dudani (with teachers of rural schools)			
Time	Speakers	Title	School		
4.00pm – 5.30pm	10 mins presentation and 2 mins discussion	Amith A.N. Balesh S.	Organic farming and Sustainable Agriculture	Vidyaniketan Public School	
		Chiranthana R. R. Manana G.	Investigation of Ground Water Quality Deterioration in Urban Areas	Vidyaniketan Public School	
		Manjunath L. Madhu R.	Study of Physico-Chemical and Biological characteristics of Yelahanka and Allalasandra lakes	Gnana Jyothi School	
		Om Kulkarni Omkar Kulkarni	"Lakes" - Our Breathing Spaces	Vagdevi Vilas School	
		Shushank Roshan	Bio-gasification - A Scientific approach to produce clean energy	K. K. English High School	
ASSEMBLE IN PATAVARDHAN HALL FOR FURTHER PROCEEDINGS					
7.30pm	DINNER				

LAKE 2014 - TECHNICAL SESSIONS - RURAL STUDENTS (PARALLEL 2)

Venue: Prakruti Hall (Class 10), Lions English School

Date: 14th November 2014, Friday

10th – 12th STANDARD

Category **Venue: Sadbhavana Hall (Class 9), Lions English School**

Date: 14th November 2014, Friday

Chair **B.M. Kumaraswamy, Tejaswini Ananthkumar, Prakash Mesta, Sumesh Dudani
(with teachers of urban schools)**

Time	Speakers	Village Selected for 'My Village Biodiversity Documentation'	School
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11.00am – 1.00pm

Each student will be given 8 mins for presentation

	Sahana M. Hegde	Hutgar	Shri Laxmi Narasimha Madhyamika School Salkani Sirsi
	Bhavya N. Bhat	Balekai	Shri Gajanan High school Vanalli Sirsi
	Medha V. Bhat	Gonsara	Gajanan High school, Vanalli Sirsi
	H. S. Kumar	Hosakuli	New English School, Honavar
	Raghavendra Nayak, Vigneshwar.Naik	Baleguli	P.M.Highschool, Ankola
	Manoj Kashilkar Abhijit Chawan	Gundolli	V.V.D. School of Excellence Udyogavidyanagar, Haliyal
	Sunidhi S. Bende Vinayak S. Dadugol	Teragov	V.V.D. School of Excellence Udyogavidyanagar, Haliyal
	Amulya Muralidhar, Darshan S.	Hosagunda	Hongirana School of Excellence, Amatekoppa, Sagara, Shimogga
	Darshan.M.R, Prathwi.G.D.	Amatekoppa	Hongirana School of Excellence, Amatekoppa, Sagara, Shimogga
	Ganesh M. Bhat	Hutgar	Shridevi Education Society Hulekal, Sirsi
	Nagaratna Hegde	Sonaginamane	Shridevi Education Society Hulekal, Sirsi
	Bhagya Narahari Bhat	Muregar	Shridevi Education Society Hulekal, Sirsi
	Chaitra Hegde Akshata Hegde	Sheluru	Vidyodaya P.U.College Yadalli Sirsi
	Shridhar.J.Hegde	Mururru	Dr.A.V.Baliga College, Kumta

1.00pm – 2.00pm

LUNCH

9th STANDARD – RURAL (PARALLEL 2)

Category **Venue: Sadbhavana Hall (Class 9), Lions English School**

Date: 14th November 2014, Friday

Chair		V.N. Nayak, Deviprasad, Mahima Bhat, Prakash Mesta (with teachers of urban schools)		
Time	Speakers	Village Selected for ‘My Village Biodiversity Documentation’	School	
2.00pm – 3.30pm	Each student will be given 8 mins for presentation	Dhanya Hegde	Vanalli	Chandana English medium School Narebail, Dodnalli, Sirsi
		Praveen M.Hegde & Sandeep P. Hegde	Kodnagadde	Sirsi Lions English Medium High school Sirsi
		Dhanya Hegde & Yashaswini Naik	Tutuduguni	Sirsi Lions English Medium High school Sirsi
		Anjana Hegde	Koppabalegadde	Sirsi Lions English Medium High school Sirsi
		Sindhu Ganapati Bhat	Harigaru	Sirsi Lions English Medium High school Sirsi
		Prasanna V. Bhat & Varun V. Hegde	Balekoppa	Sirsi Lions English Medium High school Sirsi
		Ashish M. Bhat & Shriram S. Hegde	Boppaballi	Sirsi Lions English Medium High school Sirsi
		M. Manohar	Bislakoppa	Suryanarayana Highschool Sirsi
		Chandana Bhat	Mandemane	Chandana English medium School Narebail, Dodnalli, Sirsi
		Vinay L. Bhat	Ekkambi	Suryanarayana Highschool Sirsi
	Vibhav Mangalore	Hostota(Hanmanti)	Shriniketana School Sirsi	
3.30pm – 4.00pm	TEA			

Time	Speakers	Village Selected for ‘My Village Biodiversity Documentation’	School	
4.00pm – 5.30pm	Each student will be given 8 mins for presentation	Abhay Bhat & Chaitanya Kodlekere	Hunsekoppa	Ave Mariya High school Sirsi
		Tilak V.Bhat	Puttanamane	Chandana English medium School Narebail, Dodnalli, Sirsi
		Chinmay & Shreedhar Hegde	Basavananabetta	Shree Manjunath Residential School
		Pratima & Puja	Mugwa	Shri. Bharati English Medium School, Kavalakki, Honnavar
		Ashwini P. Petker & Ankita Bagewadi	Yadoga	Swami Vivekananda English Medium School, Haliyal
		Nitheesh.N.B, Areeb	Ikkeri	Pragati Composit School, Sagar
		Akshay.Joshi, Prateek.Rao	Ikkeri	Pragati Composit School, Sagar

8th STANDARD – RURAL (PARALLEL 2)

Category

Venue: Sadbhavana Hall (Class 9), Lions English School

Date: 14th November 2014, Friday

Chair		Deviprasad, Tejaswini Ananthkumar, G.R. Rao, Prakash Mesta (with teachers of urban schools)		
Time	Speakers	Village Selected for 'My Village Biodiversity Documentation'	School	
5.30pm – 6.30pm	Each student will be given 8 mins for presentation	Anjali.A.Kurse	Hutgar	Sirsi Lions English Medium High school Sirsi
		Swastik M. Vaidya	Konala	Chandana English medium School Narebail, Dodnalli, Sirsi
		Deepthi P. Bhat	Kakkalli	Shri Gajanan Highschool Vanalli Sirsi
		Amratha Hegde & Vandita Hegde	Bhairumbe	Shradamba Highschool sirsi
		Abhishek Rajendra Hegde	Kottigehalli	Shriniketana School Sirsi
		Manjunath & Anjana	Kelagina Idagunji	School: New English School, Honavar
ASSEMBLE IN PATAVARDHAN HALL FOR FURTHER PROCEEDINGS				
7.30pm	DINNER			

Lake 2014 - TECHNICAL SESSIONS

Venue: Sharadamba Hall, Bhairumbhe High School

Date: 15th November 2014, SATURDAY

9.00am – 10.00am		INAUGURATION	
10.00am – 10.30am		Keynote: Modelling and Geo-visulaisation of Urban Growth - Bharath H. Aithal Chair: T.V. Ramachandra	
10.30am – 11.00am		TEA	
Theme		URBAN DYNAMICS	
Chair		Bharath Aithal, Chandan M.C. and Shweta Gupta	
Time		Speakers	
Title			
11.00am – 12.00pm	11.00am	Chandan M.C.	Quantifying Urbanisation using Geo-spatial data and spatial metrics for Madrasapattinam (Chennai)
	11.15am	Saranya	Land use dynamics of Madurai
	11.30am	Naveen B.P.	Characterization of leachate from Mavallipura landfill site
	11.45am	Tarun Mewara	Modelling of urban dynamics: A case study of Bhopal and its Environs
Theme		HYDROLOGY AND SOIL	
Chair		M.D. Subhash Chandran, T.V. Ramachandra, Vinay S. and Saira Chandy	
Time		Speakers	
Title			
12.00pm – 1.00pm	12.00pm	Vasanth Kumar	Hydrochemistry of some lentic water bodies of Karwar, Uttara Kannada District
	12.15pm	Ganesh Babu	Rejuvenation and Sustenance of Vrushabhavati River – A tool to improve the carrying capacity of Cauvery
	12.30pm	Vinay S.	Environmental flow assessment of Central Western Ghats rivers
	12.40pm	Saira Chandy	Soil quality-comparative analysis of scared and non-scared groves
	12.50pm	Divya Ramavat	Green Ganga: A Green technology to protect surface water pollution
1.00pm – 2.00pm		LUNCH	

Venue: Sharadamba Hall, Bhairumbhe High School

Date: 15th November 2014, SATURDAY

2.00pm – 2.20pm	Shrikant Ingalhalikar – Rare flowering plants of north Western Ghats of India Chair: Suresh Heblikar, Harish Bhat, G.R. Rao
2.20pm – 3.30pm	PANEL DISCUSSION Panelists: Suresh Heblikar, Ananth Hegde Ashisar, Devashish Kar, M.D. Subhash Chandran, Harish Bhat, Gajenrda Gorsakodige, Raghunandan Bhat, Rajesh, M.R. Hegde,
3.30pm – 4.00pm	TEA
4.00pm – 5.00pm	Cultural Program Coordinator: M.A. Khan
5.00pm – 7.00pm	<i>Sahyadri Young Ecologist Award 2014</i> <i>Sahyadri Ecologist Award 2014</i> Valedictory and Prize Distribution
7.30pm	DINNER

LAKE 2014 TECHNICAL SESSIONS (PARALLEL)

Venue: Shalmala Hall, Bhairumbhe High School

Date: 15th November 2014, SATURDAY

Category **TEACHERS' PRESENTATIONS**

Chair

B.M. Kumaraswamy, E. V. Ramasamy, A.V. Nagaratna, Durga M. Mahapatra

Time

Speakers

Title

School

11.00am – 12.00pm

Each participant will be given **10 mins**

M.A. Khan

K. K. English High School

Snehalata

Vidyaniketan Public School

Ali Rani

K. K. English High School

Prashantha R. Hegde

Aquatic Oligochaetes of Shimoga District

Ravi. G.

Diversity of Dicotyledons plants of the water bodies of Bangalore and Adjacent area

Hymamshu Jyothi Kala Peetha Composite PU College

Tirumala Reddy P.

Wetland Resources and Livelihood

Vagdevi Vilas School

COASTAL ECOSYSTEM (PARALLEL)

Theme

Venue: Shalmala Hall, Bhairumbhe High School

Date: 15th November 2014, SATURDAY

Chair

V. N. Nayak, Prakash Mesta, M. Boominathan and Mahima Bhat

Time

Speakers

Title

12.00pm – 1.00pm

12.00pm

V.N. Nayak

12.20pm

Prakash Mesta

Traditional resource partitioning by estuarine communities

12.40pm

Mahima Bhat

Role of estuaries as nurseries of marine fish

12.50pm

M. Boominathan

Estuarine Bivalves: Conservation Challenges and Opportunities

1.00pm

Chandrashekar H.

Integrated catchment management approaches

1.15pm – 2.00pm

LUNCH

Lake 2014 POSTER PRESENTATION (PARALLEL)

Venue: Shalmala Hall, Bhairumbhe High School

Date: 15th November 2014, SATURDAY

Chair Sumesh Dudani, Gayatri Naik and Mahima Bhat

Time	Speakers	Title
2.00pm – 3.00pm Each participant will be given 8 mins	Gayatri Naik	Water conservation in relation with sacred groves : a case study in Honnavar taluk of Uttara Kannada
	Vishnu Mukhri	Seed diversity in tropical forest
	Srikant Naik	Estuarine Birds
	Dimple J. Mesta	Environmental Education and Sustainable Development
	Poojita Gowda	Propagation of RET medicinal plants of Western Ghats
	Mahesh Gowda	Biodiversity Documentation of Mavalli Village of Uttara Kannada District, Karnataka
	E.B Sedamkar	Anthropogenic Impact on the Varada River Phytoplanktons

ASSEMBLE IN SHARADAMBA HALL FOR PANEL DISCUSSION, CULTURAL PROGRAMME AND VALEDICTORY

Venue: Sharadamba Hall, Bhairumbhe High School

Date: 15th November 2014, SATURDAY

2.00pm – 2.20pm	Shrikant Ingalhalikar – Rare flowering plants of north Western Ghats of India Chair: Suresh Heblikar, Harish Bhat and G.R. Rao
2.20pm – 3.30pm	PANEL DISCUSSION Panelists: Suresh Heblikar, Ananth Hegde Ashisar, Devashish Kar, M.D. Subhash Chandran, Harish Bhat, P.R. Bhat, Gajenrda Gorsakodige, Raghunandan Bhat, Rajesh, M.R. Hegde,
3.30pm – 4.00pm	TEA
4.00pm – 5.00pm	Cultural Program Coordinator: M.A. Khan
5.00pm – 7.00pm	<i>Sahyadri Young Ecologist Award 2014</i> <i>Sahyadri Ecologist Award 2014</i> Valedictory and Prize Distribution
8.00pm	DINNER

NOTE:

- Kindly submit your presentations (.ppt/.pptx/.pdf) to Bharath Aithal/Bharath Setturu/Ganesh Hegde.
- Be present at your venue before the session starts.
- Maintaining discipline and cleanliness in the vicinity is indeed appreciated.
- For more information, feel free to contact 'Registration Desk'.

Lake 2014 - LOCAL TRANSPORT MANAGEMENT

13th November 2014

BUS A – Starts from Vadiraj Mutt

Time	7.00am	7.30am	7.50am	8.00am	8.30am
Location	Vadiraj Mutt	Swarnavalli Mutt	Samrat Hotel	Madhuvan Hotel	Swarnavalli Mutt

BUS B – Starts from Marikamba Temple

Time	7.00am	7.30am	7.50am	8.30am
Location	Marikamba Temple	APMC Guest House	Ganesh Netralaya	Swarnavalli Mutt

14th November 2014

BUS A – Starts from Vadiraj Mutt

Time	7.00am	7.40am	7.50am	8.00am	8.20am
Location	Vadiraj Mutt	Lions School	Samrat Hotel	Madhuvan Hotel	Lions School

BUS B – Starts from Marikamba Temple

Time	7.00am	7.30am	7.50am	8.15am
Location	Marikamba Temple	APMC Guest House	Ganesh Netralaya	Lions School

15th November 2014

BUS A – Starts from Vadiraj Mutt

Time	7.00am	7.30am	7.50am	8.00am	8.30am
Location	Vadiraj Mutt	Bhairumbe High School	Samrat Hotel	Madhuvan Hotel	Bhairumbe High School

BUS B – Starts from Marikamba Temple

Time	7.00am	7.20am	7.40am	8.15am
Location	Marikamba Temple	APMC Guest House	Ganesh Netralaya	Bhairumbe High School

Bus Coordinators:

BUS A – Vishnu (9449548154), Boominathan (9972214824), Vishwas (9880277020), Varun (8892489080)

BUS B – Vinay (9916488990), Shrikant (9481461321), Padma Ashok, Ravishankar (8792136369)

Note:

- A bus shuttle service is available from Samrat Hotel junction to Conference venue on 13th November 2014.
- **'Local travel In-charge'** shall make sure that nobody is stranded.
- **For emergency, call below mentioned numbers respect to your accommodation venue.**

Hotel Address	Location (search in Google maps)	Contact Person	Contact no.
APMC Guest House TTS Campus, Sirsi	14°37'18.03"N 74°50'27.41"E	Chandan M C	9880903983
Ganesh Netralaya Shakti Nagar, Devikere, Sirsi		Vinay S	9916488990 9481302990
Vadiraj Mutt	14°44'1.94"N 74°46'41.61"E	Bharath Aithal	8861551265 9483824328
		Ganesh Hegde	9611164216
		Durga Madhav	9986080801
Samrat Hotel Yellapur Road, Sirsi	14°37'24.42"N 74°50'16.12"E	Boominathan M	9972214824
		Vishwas	9880277020
Madhuvan Hotel College Road, Sirsi	14°37'23.99"N 74°50'13.73"E	Haish Bhat	9845304383
		M. A. Khan	9845224228
Swarnavalli Mutt Sonda, Sirsi	14°44'30.65"N 74°48'16.03"E	Ganesh Hegde Bharath Aithal	9611164216
Lions School Yellapur Road, Sirsi	14°37'35"N 74°50'18"E		8861551265 9483824328
Bharumbe High School Yellapur Road, Sirsi	14°42'05.92"N 74°49'26.11"E		

Lake 2014 - Food Management

G.R. Rao	9731904350
M.A.Khan	9845224228
Sudarshan Bhat	9986969032 9481760283
Mahima Bhat	

Proceeding recording and Recommendations

Varun Subhash Chandran and Ganesh Hegde

Video Recording:

Main Hall (13, 14, 15) – Boominathan and Vinay

Outside on 13th and Parallel Session (Balachandran and Vishnu)

Photography:

Ganesh Hegde, Durga Madhav and Bharath Aithal

Poster Exhibition:

Ravishankar Mishra, Mahima Bhat

Book Exhibition:

Gayatri Naik, Shrikant

*āpo vāvānnād bhūyasyaḥ | tasmād yadā suvṛṣṭir na
bhavati vyādhīyante prāṇā annaṃ kanīyo bhaviṣyatīti |
atha yadā suvṛṣṭir bhavaty ānandinaḥ prāṇā bhavanty
annaṃ bahu bhaviṣyatīti | āpa evemā mūrtā yeyaṃ
pṛthivī yad antarikṣaṃ yad dyaur yat parvatā yad
devamanuṣyā yat paśavaś ca vayāṃsi ca
tṛṇavanaspatayaḥ śvāpadāny ākīṭapataṅgapipīlakam |
āpa evemā mūrtāḥ | apa upāssveti |*

Chandogya Upanishad 7.10.1

Water is greater than food. Therefore if there is not sufficient rain, living beings fail from fear that there will be less food. But if there is sufficient rain, they become happy because there will be much food. This water, by assuming different forms, becomes this earth, sky, heaven, mountains, gods and men, cattle, birds, herbs and trees, all beasts down to worms, midges, and ants. Water itself assumes all these forms. Meditate on water.

- *Chandogya Upanishad 7.10.1*