



Lake 2018: Conference on Conservation and Sustainable Management of Riverine Ecosystems

[THE 11TH BIENNIAL LAKE CONFERENCE]

Date: **22-24th November 2018** [25 Nov 2018 – Field Visit]

Venue: V.S. Acharya Auditorium, **Alva's Education Foundation**, Sundari Ananda Alva Campus, Vidyagiri, Moodbidri, D.K. Dist., Karnataka, India – 574227, Phone:+91 8258 238105

Symposium Web: <http://alvascollege.com/upcoming-events/lake2018>,
<http://ces.iisc.ernet.in/energy>

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tvr@iisc.ac.in

Organised by

Energy and Wetlands Research Group [<http://ces.iisc.ernet.in/energy>],
Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560012



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Adamyachetana, Bangalore

Environment & Urban Research Group, RGSIDM, IIT-Kharagpur

Vagdevi Vilas Institutions, Bangalore

Vidyaniketan Public School, Ullal, Bangalore

K.K. High School, Varthur, Bangalore

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The Ministry for Environment, Forests and Climate Change, Government of India
NRDMS Division, The Ministry for Science and Technology (DST), Government of India

22 November 2018, Thursday

Lake 2018 – INAUGURATION

22nd November 2018		Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri	
8:30 - 9:00	Registration		
9:00 – 10:00	Welcome and information about Lake 2018 – Kurian Keynote Address and EWRG Research overview: T.V. Ramachandra		
10:00-11:00	Lake 2018 – INAUGURATION AND PRESIDENTIAL ADDRESS Inauguration by: President: M Mohan Alva, Chairman, Alva's Education Foundation		
	Guest of Honour		
	Chief Guests:		
	Invitee		
	Sri. Harish Krishnamurthy , Chairman Vagdevi Vilas Institutions Sri. Vijai Krishna Rajagopal , Director and Principal, Vidyaniketan Public School, Ullal Sri. M A Khan , CEO and Principal, K.K. English High School, Varthur Belkina Natalia Aleksandrovna , NWPI of KarSC RAS, Petrozavodsk, Russia Rajashekar Murthy , Canada		
	Presence		
	Sri. Vivek Alva, Trustee, Alva's Education Foundation (R), Moodbidri		
	Kurian, Working President, Lake 2018 & Principal, Alva's College		
	Ramachandra T V, Chairman, Lake 2018, Indian Institute of Science		
11:00 - 11:30	TEA		
11: 00 AM to 1:00 PM			
TECHNICAL SESSION I			
11:30 - 1:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri		
	Chair : Ramacahndra T V, Kurian		
11:30 – 11:45	Sri. Harish Krishnamurthy		
11:45 – 12:30	Saroj Barik - Director NBRI		
12:30 – 12:40	Insights from landscape dynamics to mitigate loss of livelihood in Coorg - Bharath Setturu		
12:40 – 12:50	<i>Enteromorpha intestinalis</i> as a viable feedstock for bioethanol production - Deepthi Hebbale		
12:50 – 1:00	Hydro-Ecological footprint of Sharavathi river basin – Vinay S		
1:00 - 2:00	LUNCH		
Parallel Session I	TECHNICAL SESSION II: JOHNY BIOSPHERE		
2:00 – 6:00	Venue: NUDISIRI Main Auditorium		
	Chair: Khan M A, Vrijulal M V, Uma Mohan		
2:00 – 5:30	Johny Biosphere Session (Interactive session with students and teachers from schools)– Johny Biosphere (Khan), Vrijljal, Chaturved Shet, Alli Rani, Raghu B C, Sowmya G S, Uma Mohan, Sri Vidya, Umashankar, Mr. Shetty (Butterfly Park), Amit Bhat (Movie on Western Ghats), all teachers		
5:00 – 5:15	Comparative study on diversity of Spiders along with their web patterns in two different vegetation viz Kuvempu University Shimoga and Areca Plantation, Malagoppa Village Shimoga - Chaturved Shet et al		
5:15 – 5:30	Vrijulal M V et al		
5:30 – 5:45	Biodiversity, Hydrology, and ecology of Western Ghats – Vedansh Pandey		

5:45 – 6:00	Environment Conservation, Swaccha Bharath speech and song – Neha V Koorse & Nitin V Koorse
Parallel Session II	TECHNICAL SESSION III: EWRG Research during 2016-2018
2:00– 4:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Uttam Kumar, Sharath H Aithal, Rishiram R, Bharath S
2:00 – 2:10	Biodiesel prospects of Estuarine Microalgae - Saranya G
2:10 – 2:20	Fish diversity of lentic ecosystems of Hebbal Valley, Bengaluru - Sincy V
2:20 – 2:30	Algal diversity in urban lakes of Vrishabhavathi valley, Bengaluru - Asulabha K S
2:30 – 2:40	Bioremediation and Bioaccumulation of Macrophytes- Sudarshan P Bhat
2:40 – 2:50	Grid based monitoring of Natural resources in Bidar and Uttara Kannada districts, Karnataka – Anirudh K
2:50 – 3:00	Grid based Spatial Decision Support System for sustainable Management of Natural Resources - Pramod G
3:00 – 3:10	Land surface temperature responses to land use in agro climatic zones of Karnataka - Madhumita D
3:10 – 3:20	Landscape dynamics of Western Ghats – Sai Omkari
3:20 – 3:30	Antibacterial activity of seaweeds from Central West Coast of India - Bhargavi R
3:30 – 3:40	Sand dune vegetation and mapping along the Karnataka coast - Prakash N Mesta
3:40 – 3:45	Medicinal plants of Scared Groves in Karki Villlage, Honnavar Taluk, Uttara Kannada - Gayatri Naik
3:45 – 3:50	Flying vertebrates of Karki Villlage, Honnavar Taluk, Uttara Kannada - Shrikanth Naik
3:50 – 3:55	Floristic diversity of Kolimajuni village, Kumta taluk, Uttara Kannada - Vishnu D Mukri
3:55 – 4:00	Jewels of Centenary Pond, IISc Campus – Ravishankar Mishra
4:10 – 4:30	TEA
	TECHNICAL SESSION IV: PLENARY LECTURES
4:30– 6:30	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: S N Prasad, Belkina Natalia, Vinay S
4:30 - 5:15	Economic evaluation of Coastal wetlands - Ramachandra Bhatta
5: 15 – 6 00	Integrated water resources management of municipal water system in Canada – R Murthy
6 00 – 6 30	Lake revival with community participation using NREGA – Sharada Gopal
	ETHNIC SESSION – CULTURAL DIVERSITY
7:00 - 8:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Vivek Alva
7:00- 8:00	Cultural Diversity of India
	DINNER – FOOD DIVERSITY OF SOUTH CANARA
8:00 – 9:00	Venue: Sundari Ananda Alva Bhavan, Alva's College, Vidyagiri, Moodbidri Chair: Alvas Staff, Prakash Mesta, Bhargavi, Saranya

23 November 2018, FRIDAY

23 rd November 2018	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri,
9:00- 9:45	Lake 2018 – INAUGURATION OF SAHYADRI YOUTH CONGRESS
	Inauguration – Sri. Ananth Ashisar, Former Chairman, Western Ghats Task Force, GoK
	Guest of Honour
	Sri. Sri. Charukirti Bhattaraka Swamiji, Jain Mutt, Moodbidri
	Sri. Sri. Dr. Niranjrana Pranava Swarupi Guru Basava Mahaswamigalu, Viraktha Mutt, Pandumatti, Channagiri
	Chief Guests:
	Anandi Subramanian, B M Kumaraswamy
	Invitee
	Ms. Uma Mohan, Principal, Vinayaka Public School, Yelahanka Ms. Srividya, CEO, Bangalore Blaze Girls High School, Bengaluru Rudskiy Ivan V, Head of Laboratory, Geochemistry, Russia S N Prasad, OSGEO-India, IIIT Huderabad
	Presence
Sri. Vivek Alva, Trustee, Alva's Education Foundation (R), Moodbidri Kurian, Working President, Lake 2018 & Principal, Alva's College Ramachandra T V, Chairman, Lake 2018, Indian Institute of Science	
TECHNICAL SESSION V: PLENARY LECTURES	
9:45 – 11:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Subash Chandran M D, Vinay S
9:45 – 10:30	Key note address - Ecological Fragileness of Western Ghats - Subash Chandran M D
10:30 – 11:00	Monitoring, analysis and prediction of current situation in a reservoir: results – Rudskiy
11:00-11:30 TEA	
Parallel Session I TECHNICAL SESSION VI: AQUATIC ECOSYSTEMS	
11:30 – 1:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Madhyastha N A, Sincy V, Asulabha K A, Sudarshan P Bhat
11:30 – 11:50	Feroz Khan M
11:50 – 12:10	Sivanandan Achari V
12:10 – 12:30	Sharda Gopal and Team
12:30 – 12:45	Surface water dynamics and fractal analysis of artificial wetlands in Western Ghats from Space Borne SAR Systems – Vibhuti Bhushan Jha
12:45 – 1:00	Movie – Western Ghats and Climate Change: Amit Hegde
1:00 - 2:00 LUNCH	
Parallel Session II TECHNICAL SESSION VII: COASTAL BIODIVERSITY	
2:00 – 3:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Ramachandra Bhatta, Rudskiy I V, Prakash N Mesta, Dinesh Kumar Y K
2:00 – 2:15	Biodiversity in West Coast and scope of research - Dineshababu A P
2:15 – 2:30	Coastal biodiversity management plan and regulations - Dinesh Kumar Y K
2:30 – 2:45	Diversity of polychaetes in central West Coast - Prajna Bandekar
2:45 – 3:00	Community Education in conserving the topographic integrity of Dareshwara Shoreline - Ravi Hegde
Parallel Session III TECHNICAL SESSION VIII: Biofuel from Marine Algae	
3:00 to 4:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Ramakrishna Y B, Dineshababu A P, Saranya G , Deepthi H
3:00 – 3:15	Marine Macroalgae: an untapped feedstock for biofuel - Nitin Trivedi
3:15 – 3:30	Future energy challenges and ocean acidification - Savindra Kumar
3:30 – 3:45	Gour Gopal Satpati



3:45 – 4:00	Biodiversity of fouling organism - Sonali S Mhadholkar	
Parallel Session IV	TECHNICAL SESSION XVI: PG Students	
4:30 to 6:30	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri	
Chair: Polyanin V O, Bharath Setturu, Vinay S		
Sl No	Title	Authors, Institute
1.	Management of solid wastes, the mixture of wheat from domestic mills to produce crude enzymes	Prasanna S R, Nayanashree Y, Chitrha K S, Priya R M Ramaiah College of Arts, Science and Commerce, Bangalore
2.	Medicinal plants of Western Ghats	Ananya S S, Ashritha S S, Lavisha M, Raksha N, Sukanya B C V, Jayadev K Alvas College, Moodbidri
3.	To isolate Endophytic fungi from Tumkur, which is famous for medicinal plants in Karnataka	Prasanna Srinivas, Kaipakam Gayatri, Reeem Mastan, Pallavi G Ramaiah College of Arts, Science and Commerce, Bangalore
4.	High resolution mapping of soil properties using AVIRIS-NG hyperspectral remote sensing data – a case study over lateritic soils in Mangalore, India	Mandar M C, Subhramanya K National Institute of Technology Karnataka, Mangaluru
5.	Assessing the ground water potential of Pavanje river basin, in Karnataka, India	Vikas K, Subhramanya K, Eduadro National Institute of Technology Karnataka, Mangaluru, India National Institute of Amazonia research, Manaus, Brazil
6.	Deriving blue space index using spatio-temporal correlation between forest biomass and water bodies in Ganga river basin	Ashish S, Subhramanya K, Vadivuchezhian K, Eduadro National Institute of Technology Karnataka, Mangaluru, India National Institute of Amazonia research, Manaus, Brazil
7.	Studies on basidiomycetes diversity in and around Kalenjimala reserve forests, vital, Dakshina Kannada, Karnataka	Shivaprakash, Ishrath, Chandana A N Mangalore university, Mangaluru
8.	Preliminary Studies on Floristic and Avian Diversity in Selected Mangrove Ecosystem, Mulki, Dakshina Kannada, Karnataka.	Ajith Kumar S. B, Pratheeksha Mangalore University, Mangalagango-thri, Konaje
9.	Real-time redelination of multifrequency floods and quantification of flood risk	Devanand M R, Subhramanya K, Eduardo National Institute of Technology Karnataka, Mangaluru, India National Institute of Amazonia research, Manaus, Brazil
10.	Modeling of the recent flashfloods event of year 2018 in Kodagu, Karnataka, India and implications of possible mitigation measures	An Paul Rose, Subhramanya K, Eduardo National Institute of Technology Karnataka, Mangaluru, India National Institute of Amazonia research, Manaus, Brazil
11.	Evaluation of Antioxidant and anti-inflammatory activity of leaf extract of <i>Grewia heterotricha mast</i>	Usha B, Pushpalatha K C Alvas College Moodbidri P.G. Centre (Kushalnagara, Kodagu) - Mangalore University
12.	Phytochemical screening and green synthesis of silver nanoparticles using <i>Epipremun aureum aqueous</i> leaf extract	Vidyashree N, Vaishnavi J, Usha B Alvas College Moodbidri

Parallel Session VI		TECHNICAL SESSION X: IX Standard Students - Urban	
23 rd November 2018		Venue: Vikram Sarabai Hall (Room No), Alva's Degree College	
11:30 - 6:00		Chair: Santosh Sathur, Rajyalaksmi Y, Sai Omkari P, Sreevalli Bhat & Alvas Faculty	
Sl	Cl	Title	Students and School
1	9	Production of eco- friendly organic paper from <i>Eichhornia crassipes</i>	Aditya Shankar Jnanadeepa School, Shivamogga
2	9	Study on Hulimavu Lake (Part 1)	Pooshpal Baheti , Dhanush Prabhakar, Shashwat Gupta, Mohnish Sai Choudhary, Aditya K , Sahana , Ridhi AECS MMPS, Bangalore
3	9	Water Analysis of Venkatadri Lake	Danish T, Sneha N, Kavyashree K Blue Bell Public School, Bangalore
4	9	Insects of Bilwardahalli Lake	Ruchitha M, Sandhya KB, Jhansi V Vidyanjali Primary and High School , Bangalore
5	9	Dragonflies & Damselflies of Bilwardahalli Lake	Pavanika B, Priyanka IM Vidyanjali Primary and High School, Bangalore
6	9	Birds of Bilwardahalli Lake	Sanjana R, Manojkumar AR Vidyanjali Primary and High School, Bangalore
7	9	Medicinal Plants of Bilwardahalli Lake	Kavya V, Keerthana V, Chaithra S Vidyanjali Primary and High School, Bangalore
8	8,9, 11	Influence of Birds at Madiwala Lake and factors associated	Agnes, Celine, Devika Presidency School, Bangalore
9	9	Faunal Diversity in Puttenahalli Lake	Rajesh V, Mohammad Aman, Prajee K, Hitapriya, Anusha S B Capitol School, Bangalore
10	9	Biodiversity of Kagdaspura Lake and Utkarsh Park, Green Initiatives of NH	Aadityaa, Jaisurya, Joshua, Prisha, Shakthi, Shreya, Sohan, Thejasvi New Horizon Public School, Bangalore
11	9	Water- The Elixir of Life	Bhavani Priya, Salma, Shabana K K English High School, Bangalore
12	9	My School Biodiversity - VVI Marathahalli	Vihan Snuhith. G, Shashankreddy .M, Abhiram. B Vagdevi Vilas Institutions, Marthahalli, Bangalore
13	9	Water flow system	Jithya Vaishnavi Vagdevi Vilas Institutions, Varthur, Bangalore
14	9	Research on algae in different ponds	Shakthi Subramanyam S V, Venkata Subramanian V, Karthik B B, Chinmay M Hegde Vidyaniketan Public School, Bangalore
15	9	Present scenario of Kodi Singasandra lake and Begur lake	Lokanth, Ashika T Kauvery Vidya Kshetram, Bangalore
16	9		Vinayaka Public School, Bangalore
17	9		Vinayaka Public School, Bangalore
18	9		Vinayaka Public School, Bangalore
19	9		Vinayaka Public School, Bangalore
20	9		Vinayaka Public School, Bangalore
21	9		Vinayaka Public School, Bangalore
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Parallel Session VI		TECHNICAL SESSION X: IX Standard Students - Rural	
23 rd November 2018		Venue: Vikram Sarabai Hall (Room No), Alva's Degree College	
11:30 - 6:00		Chair: Santosh Sathur, Rajyalaksmi Y, Sai Omkari P, Sreevalli Bhat & Alvas Faculty	
Sl	Cl	Title	Students and School
1	9	Comparative analysis between poly house and open farming	Kannika T S, Anvitha Sree B K Poornaprajna School, Bhadravathi
2	9	Medicinal plants of Shantisagara lake	Muhammed Imaduddin, Sanjay M P Sri Taralabalu Central School, Channagiri
3	9	Study of Aanekere Lake	Clissia, Divya Aaron, Lan Christ King Medium English Medium High School, Karkala
4	9	My Village Biodiversity	Devika Patgar, Manasvi Shet BGS Central School, Mirjan, Kumta
5	9	My Village Biodiversity	Tanish, Panchami BGS Central School, Mirjan, Kumta
6	9	My Village Biodiversity	Shriya Bhat C.V.S.K. High School, Kalbag, Kumta
7	9	My Village Biodiversity	Shreya Shanabhag, Namrata Bhat C.V.S.K. High School, Kalbag, Kumta
8	9	My Village Biodiversity	Swati Balagi, Sameeksha Shanbhag C.V.S.K. High School, Kalbag, Kumta
9	9	My Village Biodiversity	Sankalpa Naik, Tejaswini Shanbhag C.V.S.K. High School, Kalbag, Kumta
10	9	My Village Biodiversity	Aditi Pai, Nesara Kawari C.V.S.K. High School, Kalbag, Kumta
11	9	My Village Biodiversity	Abhishe Gaonkar, Suryakiran Patagar C.V.S.K. High School, Kalbag, Kumta
12	9	My Village Biodiversity	Sahana Ambig, Veda Naik Govt. High School, Aghanashini
13	9	My Village Biodiversity	Bhavya Naik & Kavita Ambig Govt. High School, Aghanashini
14	9	My Village Biodiversity	Sunita Naik Shree Ramanatha Highschool, Urkeri
15	9	My Village Biodiversity	Navin Bhat Shree Ramanatha Highschool, Urkeri
16	9	My Village Biodiversity	Ankita Gadig Shree Ramanatha Highschool, Urkeri
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Parallel Session VII		TECHNICAL SESSION XI: X , XI, XII Standard Students - Urban	
23 rd November 2018		Venue: ABDUL KALAM Hall (Room No), Alva's Degree College	
11:30 - 6:00		Chair: Shankar Sharma, Pramod G & Alvas Faculty	
Sl	Cl	Title	Students and School
1	12	Valuation of Ecosystem Goods and Services	Subodh Monfort Senior Secondary School, Mandal, Madhya Pradesh
2	10	Bio - Plastics	Adithi B, Siri C, Bharath B Jnanadeepa School - Shivamogga
3	11	Distribution of birds in different lake ecosystem	Meghana M Iyer, Disha Jnanadeepa School - Shivamogga
4	11	Study on Hulimavu Lake (Part 2)	Pooshpal Baheti , Dhanush Prabhakar, Shashwat Gupta, Mohnish Sai Choudhary, Aditya K , Sahana , Ridhi AECS MMPS, Bangalore
5	11	Comparison of hyacinth and duckweed in sewage water and tap water	Ishika, Aditi BGSNPS, Bangalore

6	11	The chemical, physical and biological aspects of the Arekere lake	Shreya Rajeeva BGSNPS, Bangalore
7	10	Biodiversity Documentation & Garbage Removal of Doraikere (Part 1)	Ananya, Akanksha, Shreya N, Manaswini, Shreya S, Chirag, Kausthub, Varun, Sourabha, Shriya. Jyothi Kendriya Vidyalaya , Bangalore
8	10	Biodiversity Documentation & Garbage Removal of Doraikere (Part 2)	Ananya, Akanksha, Shreya N, Manaswini, Shreya S, Chirag, Kausthub, Varun, Sourabha, Shriya. Jyothi Kendriya Vidyalaya , Bangalore
9	10, 9	Biodiversity: ½ acre garden of botany dept., Bangalore University	Rakshitha M S, Dhanushree S, Lekhana S, Jhanavi Bangalore Blaze Girls High School, Bangalore
10	10	Gangewifres of K.K. School	Chandra Prakash, Mohammed Maaz K K English High School, Bangalore
11	10	KOKRE BELLUR where nature and people live in harmony	Deepika V, Vikas P, Udith G K K English High School, Bangalore
12	10	Understanding the green cover of my Neighborhood	Aishwarya H Iyer Precedency School, Bangalore
13	10	Sustainable agriculture and organic farming	Inchara Prasad, Inchara P, Rachana P, Anirudh R Vidyaniketan Public School, Bangalore
14	10	Environmental Ethics and Green Technology	Hithashree B N, Saanvi C, Meghana B M Vidyaniketan Public School, Bangalore
15	11	Prospects of energy conservation	Rahul, Rachana, Yashaswini, Rachana, Vaishanth Vidyaniketan Public School, Bangalore
16	12	Limnology, aquatic ecology, biodiversity and prospects of bio-monitoring	Mithil Bharath, Sandhya S, Paavan V, Rashmi G Vidyaniketan Public School, Bangalore
17	11	Pollution: terrestrial and aquatic – monitoring and management: Bioremediation	Varsha D Vidyaniketan Public School, Bangalore
18	10	Biodiversity Documentation & Garbage Remaoval of Doraikere (Part 1)	Ananya, Akanksha, Shreya N, Manaswini, Shreya S, Chirag, Kausthub, Varun, Sourabha, Shriya. Jyothi Kendra Vidyalaya, Bangalore
19	10	Biodiversity Documentation & Garbage Remaoval of Doraikere (Part 2)	Ananya, Akanksha, Shreya N, Manaswini, Shreya S, Chirag, Kausthub, Varun, Sourabha, Shriya. Jyothi Kendra Vidyalaya, Bangalore
20	10	Social Aspects of Arekere Lake	Sonal, Cherishma, Aarnav BGSNPS, Bangalore
21	10		Vinayaka Public School, Bangalore
22	10		Vinayaka Public School, Bangalore
23	10		Vinayaka Public School, Bangalore
24	10		Vinayaka Public School, Bangalore
25	10		Vinayaka Public School, Bangalore
26	10		Vinayaka Public School, Bangalore
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Parallel Session VII		TECHNICAL SESSION XI: X , XI, XII Standard Students - Rural	
23rd November 2018		Venue: ABDUL KALAM Hall (Room No), Alva's Degree College	
11:30 - 6:00		Chair: Shankar Sharma, Pramod G & Alvas Faculty	
Sl	Cl	Title	Students and School
1	10	Biodiversity of Bukkambuddi lake in Tavarekere	Karthik T A Government High School, Channagiri
2	10	Pollution-terrestrial and aquatic monitoring and management, bioremediation -A case study on the Vrishabhavathi river	Anushree N, Pranitha H M Vagdevi Vilas Institutions, Bidadi
3	10	Ecological study of school campus - VVI Bidadi	Adarsh, Tejesh G, Shakthi G, Yashas N Vagdevi Vilas Institutions, Bidadi
4	10	My Village Biodiversity	Ashwini Bogar, Nimra Sab BGS Central School, Mirjan, Kumta
5	10	My Village Biodiversity	Suneesh Kamat & Prateek Bhat BGS Central School, Mirjan, Kumta
6	11	My Village Biodiversity	Keerthi Hegde Karkala Jnanasudha College, Karkala

7	11	My Village Biodiversity	Bhavana Harikantra, Ranjita Naik Hanumanta Benne Government College, Nellikeri
8	11	My Village Biodiversity	Bhavana Nagesh Harikantra, Namita Harikantra Govt. PU College, Baada
9	9, 10	My Village Biodiversity	Mandara Gunagankoppa, Nagashree Naik Gibb Girls High School, Kumta
10	10	My Village Biodiversity	Arpita Ishwar, Suprita Rama Govt.High School, Vannalli
11	10	My Village Biodiversity	Vishwas Pai, Shridhar Bhat Mahatma Gandhi High School, Chitragi, Kumta
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Parallel Session VIII		TECHNICAL SESSION XIV: Degree Faculty	
23rd November 2018		Venue: Kuvempu Hall (Room No), Alva's Degree College	
11:30 - 1:00		Chair: Feroz Khan, Asulabha K S & Alva's faculty	
Sl.no	Title	Author, Organization	
1	Microalgal biodiversity of temple ponds in Dakshina Kannada	Roopa S, Shashikiran Nivas St Aloysius College, Mangalore	
2	Bacteria from motor garage soil degrades hydrocarbons in petroleum crude oil	Louella C G et al., NMAM Institute of Technology, Nitte	
3	Biogenic synthesis of silver nanoparticles using <i>Pongamia</i> seed cake extract- a byproduct of the biodiesel industry and evaluation of its antibacterial activity and catalytic reduction of methyl green dye	Sneha Nayak NMAM Institute of Technology, Nitte- 574110	
4	Effect of Climatic Factors on Solitary Wasp	Kiran Vati K St Aloysius College, Mangalore	
5	The diversity of phytoplanktons at Kudla lake	Vidya.V. Bhojar	

Parallel Session IX		TECHNICAL SESSION XII: Research Scholars	
23rd November 2018		Venue: Kuvempu Hall, Alva's Degree College	
2:00 – 4:00		Chair: Rajasekara Murthy, Bhargavi R & Alvas Faculty	
Sl.no	Title	Author, Organization	
1	Visualising land use and land cover dynamics: a review	Alka Abraham, Subrahmanya Kundapura National Institute of Technology – Suratkal	
2	Functionality and Anthropogenic perspective of Sacred Groves in the semi urban tracts	Sreevidya E A, Rajasri Ray Dept. of Environmental Science, Bharatiar University, Coimbatore Centre for Studies in Ethnobiology, Biodiversity and Sustainability, Malda	
3	Do paddy fields support the diversity of snails?- study from Dakshina Kannada district	Sandhya Leeda D'souza Department of Applied Zoology, Mangalore University, Mangalagango-thri, Konaje	
4	Exploring the response of Benthic Infaunal Community in Mildly enriched areas of Port Blair Coast, India	Jawed Equbal Pondichery University, Kalen Port Blair Campus, Andaman	

		Vidyanjali Primary and High School, Bangalore
9	Macroinvertebrates of Bilwardahalli Lake	Sanjana H, Pavithra Shree G Vidyanjali Primary and High School, Bangalore
9	Can water be used without wasting?	Divyansh Maurya, Rahul.S.Hejjaji, Shivam Yadav Vidyaniketan Public School, Bangalore
9	Rejuvenation of Singapura Tank	Anusha Karnam, Kavya A Vidyaniketan Public School, Bangalore
9 9	Electricity power generation out of waste water	Suhas.R, Disha.Desai, HariPriya K.Murli Vidyaniketan Public School, Bangalore
9	A Jewel in the crown - N. D. Lake	Gabriella Benedicta K K English High School, Bangalore
9	Water literacy programme	Arpitha P K K English High School, Bangalore
9	Comparative study on organic and inorganic farming	Abhiram Bhat K, Vihan Snuhith G Vagdevi Vilas Institutions, Marthahalli, Bangalore
9	Water quality study on Chinapanahalli lake	Vihan Snuhith. G, Shashankreddy .M, Abhiram. B Vagdevi Vilas Institutions, Marthahalli, Bangalore
9	Extraction of friendly minerals and nutrients from impure water	Ayush N Shetty, Krishna Bharadwaj Vagdevi Vilas Institutions, Varthur, Bangalore
9	Natural air purifier and nitrogen fixer	Piyush Kumar Rath, Chetaananda R Vagdevi Vilas Institutions, Varthur, Bangalore
9	Tree transplantation	Vidya Kotturashettar Vagdevi Vilas Institutions, Varthur, Bangalore
9	Greenery of our campus	Aadishesh Udupa K Jnaanadeepa, Shivamogga

Parallel Session XIII		TECHNICAL SESSION XV: Poster – Class 10, 11, 12
23rd November 2018		Venue: Nudisiri Vedike
Chair: Uma Mohan, Polianin, Alva's faculty		
Facilitators: Shrikanth Naik, Ravishankar Mishra, Gayatri Naik		
10	Are our fruit juices really real	Lakshya K, Sadhana W BGS NPS, Bangalore
10	Wetlands for sustainable future	Vijay S Nalagi, Naveen Nischal N Vidyaniketan Public School, Bangalore
10	The lost Fire Of The Forest	Gowri Matadh, Rajeshwari Das Vidyaniketan Public School, Bangalore
10	Spiders of KKHS	Chandra Prakash K K English High School, Bangalore
11	Study of the plants of the Madiwala lake their importance and interdependence	Shafia Inamdar, Kushi Hiremath Precedency School, Bangalore
11	Conserve life before it's too late	Navvena, Sudeep, Ahesh Srivatsa Vidyaniketan Public School, Bangalore
12	Topmix permeable concrete	Dhamini S, Prakrithi V Vidyaniketan Public School, Bangalore

Parallel Session XIV		TECHNICAL SESSION XV: Poster –UG & PG
23rd November 2018		Venue: Nudisiri Vedike
Chair: Rudskiy, Shruthi (Mrs. Chandan), Alva's faculty		
Facilitators: Shrikanth Naik, Ravishankar Mishra, Gayatri Naik		
UG	Nitrate concentration in Shivamogga waters and vegetables: cause for concern?	Fahimunnisa DVS College of Arts and Science, Sir MV Road, Shivamogga
UG	Sacred groove and Myristica swamps of Kapramajalu	Siddarth Prakash Padagatti St. Aloysius College, Mangaluru

UG	A Green method - Silver nanoparticles from Litchi seeds and its antimicrobial activity	Nayana V, Jenitta E P Alvas College, Moodbidri
PG	A survey on the application of zero budget natural farming (Jeevamrutha) on the <i>Areca catechu</i> plantation in the villages of Sullia taluk of Dakshina Kannada district	Spandana K Mangalore University, Mangalagango-thri,
PG	A critical study on seed ball technique- an innovative Agronomic approach in organic farming in the cultivation of rice in Kundapur taluk of Udupi district	Sangeetha Shenoy U Mangalore University, Mangalagango-thri,
PG	Restoration of Singanallur lake from Noyyal river basin using natural fibre (<i>Cocos nucifera</i>)	Geethanjali A, Sam Sushmitha A, Sneha M Kumaraguru College of Technology, Coimbatore
PG	Appraisal of rare endangered and threatened medicinal plant- Western Ghats	Sayantani Chanda
PG	Heavy metal contamination in aquatic ecosystem and its effect-a review on southern part of India	Sayantani Chanda
PG	Nutraceutical and medicinal values of some medicinal plant in Western Ghats of south India – a review	Sayantani Chanda
PG	Ecological Significance of protected areas in Kerala regions of Western Ghats	Arjun S R IIITM Kerala
PG	Silent Valley: One of the highly populated national park in Western Ghats region in Kerala	Arjun S R IIITM Kerala
PG	Amphibians: the highest endemic group in Western Ghats	Minsa M. IIITM Kerala
PG	Diversity and Distribution of Avifauna in Western Ghats	Minsa M. IIITM Kerala

Parallel Session XV	TECHNICAL SESSION XV: Poster –IISc, IIT and Research Scholars
23rd November 2018	Venue: Nudisiri Vedike Chair: Belkina, Sharath H Aithal,

ETHNIC SESSION – CULTURAL DIVERSITY	
7:00-8:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Vivek Alva
7:00-8:00	Cultural Diversity of India
DINNER: NOURISHMENT DIVERSITY OF SOUTH CANARA	
8:00 – 9:00	Venue: Sundari Ananda Alva Bhavan, Alva's College, Vidyagiri, Moodbidri Chair: Alvas Staff, Prakash Mesta, Saranya, Gayatri Naik

24 November 2018, Saturday

24th November 2018	TECHNICAL SESSION XVII:
9:00 to 11:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Prasad S N, Uttam Kumar, Bharath Aithal
9:00 – 9: 30	Uttam Kumar
9:30 – 10 00	Bharath H Aithal
10:00 – 10:30	Prasad S N
10 30 – 10 45	Chandan M C
11:00 – 11:30	TEA
	TECHNICAL SESSION XVIII: PANEL DISCUSSION
11:30 - 1:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Subash Chandran M D
Panel Members: Subash Chandran M D, Ramachandra T V, Kumaraswamy B M, Ramakrishna Y B, Keshav Korse, Suresh Heblkar, Rajashekarmurthy, Vivek Alva, Kurian, Ramchandra Bhatta	
1:00 – 2:00	LUNCH
	TECHNICAL SESSION XIX: PLANERY TALKS
2:00 to 4:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: R Murthy, Anand Ethiraj, Saranya G,
2:00 – 2:20	Water and Energy Nexus: Shankar Sharma
2:20 – 2 40	The Chemical Composition of Sediments as a criterion for assessing the state of lake in the monitoring research – Belkina N A
2 40 – 3: 00	Tropical issues of operation of sources of drinking water supply in Moscow region - Polyanin
3:00 – 3 20	Climate Change and Western Ghats – Y B Ramakrishna
3:20 – 3 40	Rally for rivers: A model for revitalization of Indian rivers – Anand Ethiraj
3 40 – 4 00	Q & A
4:00 – 4:30	TEA
24th November 2018	VALEDICTORY SESSION
	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri
4:30 – 7:00	Lake 2018 – Valedictory & Presidential Address President: M Mohan Alva, Chairman, Alva's Education Foundation
	Chief Guest
	Gracious Presence and Blessings
	Guest of Honour:
	Invitee
	Polyanin Vladislav Olegovich, Russia Kiosseva Lazoura Grigorova, Russia
	Presence
	Sri. Vivek Alva, Trustee, Alva's Education Foundation (R), Moodbidri Kurian, Working President, Lake 2018 & Principal, Alva's College Ramachandra T V, Chairman, Lake 2018, Indian Institute of Science Khan M A, Principal, K K English High School, Varthur Subash Chandran M D, CES, Indian Institute of Science
	CULTURAL DIVERSITY – Bangalore team
7:00 -8:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri Chair: Khan M A, Ravishankar, Bhargavi
7:00 -8:00	Cultural Diversity of India
	DINNER: FOOD DIVERSITY OF SOUTH CANARA
8:00 – 9:00	Venue: Sundari Ananda Alva Bhavan, Alva's College, Vidyagiri, Moodbidri Chair: Alvas Staff, Prakash Mesta, Bhargavi, Saranya



25 November 2018, SUNDAY

25 th November 2018		GREEN SUNDAY
6:30 - 7:30	Planting Native species saplings, Venue: Chinnara Vana	
TECHNICAL SESSION XX: UG Students		
9:00 - 1:00	Venue: V.S. Acharya Auditorium, Alva's College, Vidyagiri, Moodbidri	
Chair: Kiosseva Lazoura Grigorova, Sudarshan P Bhat, Deepthi H		
Sl no	Title	Authors, College
	Study of Microscopic algal diversity in the contaminated pond	Amith H I, Maneesh M, Shreeharsha G, Shouri K A & Charitha Alvas College Moodbidri
	Sustainable agriculture and organic farming	Pia S Menezes & Vineeth K St.Aloysius College, Mangalore
	Study of Bird Diversity at AEIT Campus, Mijar	Anjali J, Soumya N R, Suptiha G C Alvas College Moodbidri
11:00 – 11:30	TEA	
1:00 – 2:00	LUNCH	
	OXYGEN THERAPY @ ALVAS HERBAL GARDEN	
2:00 – 4:00	Venue: Shobavana, Harivana – Alvas Mijar Camups	
	EXCURSION	
4:00 – 7:00	Venue: Kateel Durga Parameshwari Temple, Kateel.	
	DINNER: FOOD DIVERSITY OF SOUTH CANARA	
7:00 – 8:00	Venue: Sundari Ananda Alva Bhavan, Alva's College, Vidyagiri, Moodbidri Chair: Alvas Staff, Prakash Mesta, Bhargavi, Saranya	



*āpo vāvānād bhūyasyaḥ | tasmād yadā suvr̥ṣṭir na bhavati vyādhīyante prāṇā
annaṃ kaṇīyo bhaviṣyatīti | atha yadā suvr̥ṣṭir bhavaty ānandinaḥ prāṇā
bhavanty annaṃ bahu bhaviṣyatīti | āpa evemā mūrtā yeyaṃ pṛthivī yad
antarikṣaṃ yad dyaur yat parvatā yad devamānuṣyā yat paśavaś ca vayāṃsi ca
tr̥ṇavanaspatayaḥ 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*

Address for Communication

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