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Naturalist, KV No. 1

Dr. Govinda Gowda
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Shri. Sammilan Shetty
Naturalist, Belvai
Dr. Kalesh Sadashivan
Naturalist, TNHS

Shri. Amithsen Upadheye
Wildlife Journalist

Ref: BMSIT&M/EC/GEN/2020/008

Activity Report for July-December 2020

Despite and with the COVID-19 lockdown in place, OIKOS continued to be the most active students club in college, with large number of student participation in varied qualitative activities.

On the occasion of World Nature Conservation Day (28th July 2020); OIKOS had floated an Online Environmental Awareness Quiz, to enhance Environmental Sensitisation across all types of Stakeholders in India. The quiz was attempted by more than 2500 participant from across India. The uniqueness of this quiz when compared to the multitude of quizzes floated by other institutions is the fact that upon passing the quiz with a minimum of 70%, the participant receives along with certificate an enclosed solution set which enhances the understanding level of users. The silver lining being the fact that many of the solution sets would direct the users to resources and information about OIKOS & BMS Institute of Technology and Management.

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

World Nature Conservation Day
28th July 2020

environmental awareness quiz

Celebrating ENVIRONMENTAL STEWARDSHIP by exploring your KNOW-HOW

There is no Registration fee
"Those who score more than 70%, win a Free E-Certificate"
<https://forms.gle/d43VbQCA6jGPo8kc8>

K-CET Code E126
COMEDK Code E028

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Secretary
Dr HK Govindaraju, Vice Principal, BMSIT&M

Student Coordinators
Chaitra BM, Chandana S, Yaksha V, Varsha G, Shubhashree, Sanju SP, Aishwarya B, Chandana Yadav S, Sai Rachana, Madhumitha V, Lahari B, Lakshmi Priya and Santosh Kumar

Chief Coordinator
Mr A Venkatesh, Department of MCA

Key Liaison
Dr Rajesh Gopinath, Department of Civil Engineering

ecoclub@bmsit.in
<https://www.facebook.com/oikos.bmsit>
<https://www.youtube.com/channel/UCb84HFJN--PtRWHjytuUJ0Q>

Ms. Harshitha (Student member-OIKOS) deserves a special mention for her Achievement during lockdown, for indulging in several various relevant MOOCs offered by United Nation. These MOOCs were related to Environmental Issues includes Gender and Environment, Gender and Biodiversity, Gender and Climate Change, Children and Climate Change, Green Economy, Cities and Climate Change, Gender and International Waters, Climate Change-From Learning to action, Gender and Land Degradation, Integrating Climate Risk Information into NAPs, Climate Change International Legal Regime etc.



Vision

Environmental sustenance by constantly disseminating ecological and environmental knowledge to the society at large.

Mission

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As part of CSER activity of OIKOS (BMSIT& M), and also for facilitating Institute's Societal Greening Initiative (under Smart Campus & Green Campus guidelines); and for supporting AICTE Activity points; "Home Agro Drive" was being carried out by students from 1st September to 15th October 2020, Knowledge transfer of which would be shared further by Rotaract Club to villages towards improving their standard of living, health and sustainable growth.



The Home Agro Drive was organized by the Rotaract Club of BMS Yelahanka in collaboration with OIKOS, Rotaract Club of Yelahanka, Rotaract International District, and the Hasiru Committee. The project aimed to motivate and create awareness among the community about the importance of nurturing plants at home which provided an opportunity for the citizens to contribute towards making this world a better place to live in. The drive received recognition from the Rotaract club of Yelahanka due to its phenomenal impact. The active participants of the drive from the BMS Institute of Technology and Management were awarded five AICTE points as recognition for their 20 hr work towards society. To track the progress of the active participants, we collected data from them regularly. The participants had to submit a final report that served as evidence for providing the grading and certificates. The volunteers of the drive have contributed significantly towards the initiative and were responsible for sending timely reminders, checking and evaluating the reports. The drive was concluded on 15th October 2020.



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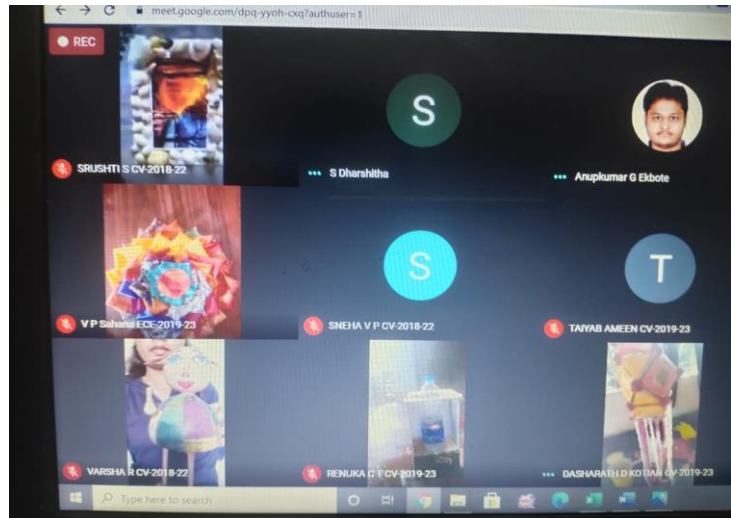
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OIKOS has collaborated with Department of Civil Engineering for the conduction of “Waste material into DIY” at CINNOVIL 2020 as part of e-Tech Transform. The event was conducted live through the link <https://meet.google.com/dpq-yyoh-cxq>. The event was coordinated by OIKOS members (who were essentially Students representing 3rd and 5th semester with Department of Civil Engineering). More than 28 participants had registered for the event. By using waste material at home participants had created beautiful eco-friendly models. Participants had made use of coconut shell, paper, water bottles, waste cloths etc. They had showcased doll made up of coconut shell, crayon, paper and Maida. By use of bamboo stick, cloth and fibre as a tile they had made a Lantern and further such many eco-friendly models had been showcased.



During the lockdown, the enthusiasm of student members was exemplary in undertaking various online quizzes and webinars offered by other Agencies and Institutions. Details are mentioned herewith.

Date	Title of Quiz	Organiser
07/07/2020	International E-Quiz on Van-Mahotsava	Nature Club, KLE Society's Science & Commerce College, Navi Mumbai, India
06/07/2020	Water Quiz	Water Club, Dhanalakshmi Sreenivasan College of Engineering, Tamil Nadu
12/08/2020	General Awareness Online Quiz on Elephants	DOS in Genetics and Genomics and DOS in Zoology, University of Mysore
15/09/2020	National Online “Quiz on Ozone Layer Depletion”	Department of Botany, V.T.M. N.S.S. College
16/09/2020	State Level Online Quiz on “ozone layer depletion”	Department of Mechanical Engineering, Sankar Polytechnic College

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Activity Report for July-December 2020

Webinars Attended (sample list)

OIKOS member Ms Sai Rachana (Dept. of ISE) has attended the Webinar on “Empowering Youth towards Sustainable Development of Environment-The Role of Educational Institutions”, organized by the Nature Club, KLE Society’s Science & Commerce College, Mumbai, on the occasion of Van-Mahotsava on July 4th 2020.

OIKOS member Mr Navayug (Dept. of CSE) has attended the Webinar on “Mountaineering: A Journey of Excitement and Adventure”, organised on 5th July 2020 by Mountaineer Ravikumar Foundation of India, Uttarakhand.

Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has participated in an Online webinar on topic “Terrarium - Get Close to Nature” organised by Lala Lajpat College of Commerce and Science, on 9th July 2020.

OIKOS member Mr Pramod Gouda has participated in an Online Webinar on “Mumbai Floods & Finding Solutions with Citizens Participation”, organised on 12th July 2020 by SARUS Nature Club, Maharashtra College of Arts, Science and Commerce.

OIKOS student alumni Ms Monisha KY (Dept. of CV) has participated in a National Webinar on “The Misunderstood Reptile: the Snakes”, organised on 18th July 2020 by PG & Research Department of Zoology, Erode.

Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has participated in one-day National Level Webinar on "Green Practices in Higher Education", organized by SJMV Mahantha First Grade Arts and Commerce College, Dharwad on 2nd August 2020.



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Date	Title of Webinar	# of Member Participants	Organiser
22/08/2020	Climate Crisis, Biodiversity Loss: How effective are the Global Treaties	02	Department of Environmental Science and Management, Bharathidasan University
12/08/2020	Biogeotechnologies for Remediation of Metal Contaminated Soils"	02	Department of Microbiology, K.R. College of Arts & Science, Kovilpatti
09/07/2020	Bird Watching: An Introduction"	02	ABHAV Foundation
04/07/2020	Empowering Youth towards Sustainable Development of Environment-The Role of Educational Institutions	03	KLE Society's Science & Commerce College Kalamboli, Navi Mumbai, India
15/07/2020	Impact of Climate Change on Biodiversity in India	02	STLLES India, New Delhi and EcoR Foundation, Kochi
04/07/2020	Pollution Prevention for Sustainable Industrial Development	02	Department of Environmental Science & Technology
09/07/2020	Zoonotic Diseases – Ecological Dimensions	01	Department of Environmental Science and Management, Bharathidasan University
12/07/2020	Mumbai Floods and Finding Solutions	01	SARUS Nature Club, Maharashtra College of Arts, Science and Commerce.
15/07/2020	Water Future for Cities	01	UNESCO New Delhi, National Institute of Urban Affairs and Namami Gange Programme of the Government of India
16/07/2020	Geographical Perspectives of Water Resources: Issues and Challenges	01	National Association of Geographers, India (NAGI) and Russian Geographical Society (RGS).
18/07/2020	The Misunderstood Reptile: the Snakes	01	PG & Research Department of Zoology, Erode.
30/07/2020	"Effective Management of Institutional E-Waste	01	Department of Chemistry, GSSS Institute of Engineering & Technology for Women, Mysuru
08/08/2020	"Hazardous Wastes and the Environment: New Paradigms in Management"	01	Department of Environmental Science and Management, Bharathidasan University, Tiruchirappalli; on August 8th, 2020.
02/08/2020	Green Practices in Higher Education	01	SJMV Mahantha First Grade Arts and Commerce College, Dharwad
18/09/2020	Introduction to the world of Butterfly	01	Green Club, The American College (Autonomous), Madurai.

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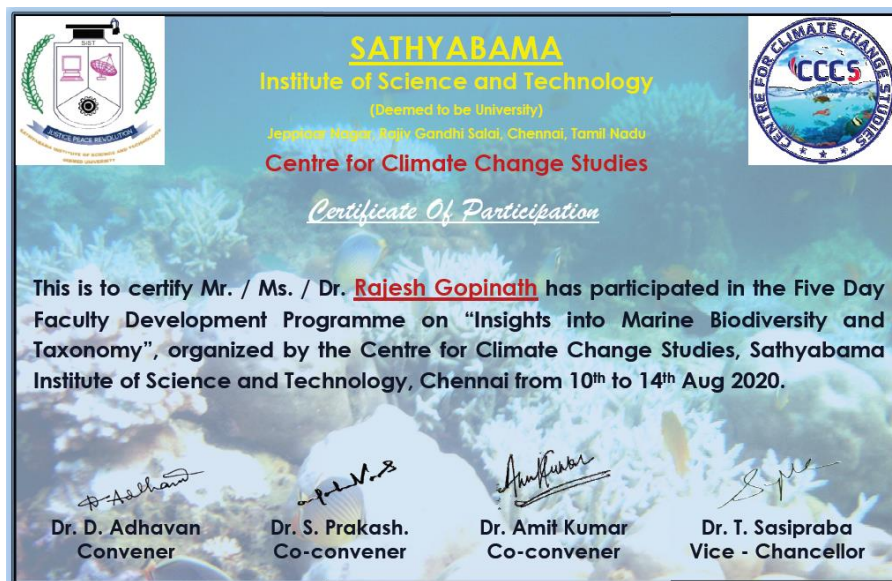
FDPs/Conferences/Training Programs Attended (sample)

Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has participated in TEQIP -III sponsored FDP on "Environmental Resource Management Towards Sustainability", from 21st to 24th July 2020, organised by Department of Civil Engineering, Andhra University College of Engineering, Visakhapatnam.

Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has participated in TEQIP 1.3 sponsored Online Program on "Effective Management of Institutional E-Waste", organized by Department of Chemistry, GSSS Institute of Engineering & Technology for Women, Mysuru; on July 30th 2020.

OIKOS members Ms Sai Rachana (Dept. of ISE) and Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) have participated in the 5 days Faculty Development Programme on "Insights into Marine Biodiversity and Taxonomy", organized by the Centre for Climate Change Studies, Sathyabama Institute of Science and Technology, Chennai from 10th to 14th August 2020.

Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering) has participated in the NAGI-RGS Online Round Table Conference on "Geographical Perspectives of Water Resources: Issues and Challenges" on 16th July 2020, Jointly Organized by National Association of Geographers, India (NAGI) and Russian Geographical Society (RGS). On this day, he had also participated in the Webinar on 'Climate Change and its impact on Water Resources', on 16th July, 2020; organised By Research Student's Union and IQAC, University of Kerala.



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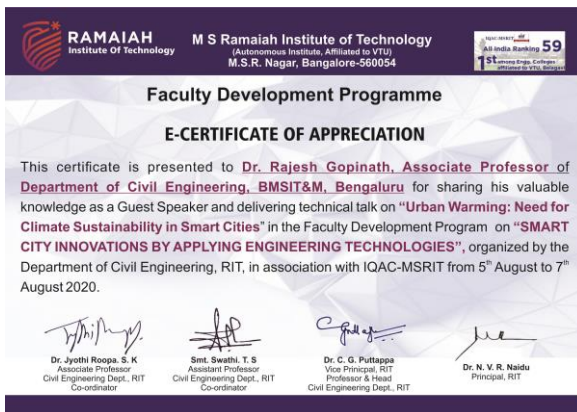
As part of Outreach of OIKOS, Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has delivered an Expert Talk on "Urban Warming: Need for Climate Sustainability in Smart Cities", on 6th August 2020 via Google Meet in the FDP on Smart City Innovations by Applying Engineering Technologies. The FDP was organised by "Department of Civil Engineering, RIT, Bengaluru". The talk can be viewed in the OIKOS YouTube Official Channel via the link https://youtu.be/VQ1_tIaZ_EM

As part of Outreach of OIKOS, Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has delivered an Expert Talk on "Urban Warming: A Case Study of Bangalore", on 24th August 2020 via Google Meet in the Expert Lecture series "Sunday Spark", organised by NGO EcoR, Cochin. The talk can be viewed in the OIKOS YouTube Official Channel via the link <https://youtu.be/oQoMytPomo4>

As part of Outreach of OIKOS, Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has delivered an Expert Talk on "Environmental Stewardship", on 11th November 2020 via Google Meet, organised by "Green Club, RRIT, Bengaluru".

As part of Outreach of OIKOS, Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has delivered an Expert Talk on "Environmental Awareness and Need for Environmental Stewardship", on 10th December 2020 via Acharya Live Platform, organised by "The Oxford College of Engineering, Bengaluru".

As part of Outreach of OIKOS, Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has delivered an Expert Talk on "Environmental Stewardship – Much needed Universal Human Value", on 20th December 2020 via Microsoft Teams in the 1st year AICTE modelled Induction Program, organised by "The Oxford College of Engineering, Bengaluru".



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