

7.1.6 Beyond the *campus environmental promotional activities*

7.1.6

**Activity1: A campaign to prevent the spread of Dengue in campus has started a campaign with the help of South Delhi Municipal Corporation.**







## Activity ) Observation of World Cycling Day



**The World Cycling Day** was commemorated at Jamia Hamdard on June 3rd, '22. The security personnel took out a cycle rally to mark the occasion. Hon'ble VC, **Prof (Dr.) M.Afshar Alam** strongly believes in the involvement of all stakeholders in the overall awareness campaign towards environmental consciousness. The lush **green** environs of Jamia Hamdard is a witness to the standing commitment towards a green and safe **ecosystem**.

 /Jamiahamdardofficial

### Activity 3 NEST MAKING

On the occasion of World Environment Day ,2022 School of Law, HILSR, Jamia Hamdard organised an interactive workshop with distinguished guests, Shri Rakesh Khatri (The Nest man of India), founder of Eco roots foundation and Shri. Vipul Sandwar, Delhi Judicial Services, Secretary ,DLSA South. The students and faculty were taught by Shri Rakesh Khatri how to make birds nest which were placed on trees and places where birds could come for shelter and survival after the workshop. Shri Vipul Sandwar discussed the role of DLSA and laws related to environment to encourage students to create safe environment in the best possible way.







*Activity2: Community Outreach Event by Shamrocks Eco, Club, Dean Student's Welfare*

On the occasion of World Forest Day and World Poetry Day, the office of DSW, Shamrocks (ECO club) organised an awareness session on **“Imparting knowledge on the importance of trees “for the slum’s students in collaboration with Feed the needy, NGO. The slum scholars from classes 1 to 5 were educated on current environmental issues and importance of trees in a way they could best understand through plantation of saplings, painting leaf design, stand-up comedy, pledge, lecture, poems and slogans. With the innocent faces asking -" When can be the next time we will see you? “The event “Keep It Green” was a true success in spreading Environmental awareness, Smiles and Togetherness.**





The office of the DSW, Jamia Hamdard  
in Collaboration  
with  
Feed the needy fifty  
(NGO)

Cordially  
invites you all to the

**CELEBRATION**  
**of**  
**WORLD FOREST DAY**  
**AND**  
**POETRY DAY**  
**THROUGH**  
**KEEP IT GREEN**



A  
COMMUNITY OUTREACH EVENT  
WITH



ASIF MANSOORI

(Founder and director of Feedtheneedy50 Non-Governmental Organisation (NGO)  
which works to contribute towards sustainable development goal 2,3,4,5,13 )

Dr.Sapna Jain  
President Eco Club

Dr.Jamshed Haneef  
Vice president

Eco Club Members  
Dr. Abroo Aman Andrabi  
Ms Nahid Zebi

Ruqaiyya Aslam Malik  
Student Secretary

Mohd.Asad  
Event student co:ordinator

DAY & DATE  
SUNDAY, MARCH 20,2022  
TIME  
11:00 AM,  
VENUE  
NOOR NAGAR, OKHLA, DELHI

RSVP:

PROF (DR.) RESHMA NASREEN  
DSW

DR.ZEENAT IQBAL  
DEPUTY, DSW









### **Activity 3: Participation in Inter-college “NIRANTRATA”, Sustainability Symposium**

The Shamrock, ECO-Club team, Dean Student Welfare won FIRST prize in Inter-college “NIRANTRATA”, Sustainability Symposium organized by NatureKnocks, Eco club of Maharaja Surajmal Institute, Janakpuri on the topic – “Integrating SDG's in reducing water pollution in cities”. The Shamrocks Team, Eco-club members Farhan Tyagi, Saurabh, Adiba Bari, Sana, Ruksana Mir mentored by Dr Sapna Jain, President Eco Club represented Jamia Hamdard in the event. The event was divided into two rounds: round 1 and round 2. The Jamia Hamdard Shamrock, Eco club team cleared round 1 which was held on 29th March 2022, in an online mode that was comprising MCQ-based questions out of 15 teams. Round-2 was held on 2nd April 2022 in offline mode in which the Shamrock team gave a presentation on a working Sewage Water Management model and was declared the Winner out of the five selected teams from round 1. Farhan Tyagi, Saurabh, Adiba Bari, Sana, Ruksana Mir from Department of Computer Science and Technology for their wonderful presentation and innovative concept which got them 1st Position.



**NATUREKNOCKS- THE ECO CLUB**

**OF**

**MAHARAJA SURAJMAL INSTITUTE, JANAKPURI**

*proudly presents*

**NIRANTRATA**

**A SUSTAINABILITY SYMPOSIUM**

**ON**

**SATURDAY, 2ND APRIL 2022, 11AM ONWARDS**

**VENUE: MSIT SEMINAR HALL (ROOM NO. 406)**

**THEME: INTEGRATING SUSTAINABLE DEVELOPMENT GOALS IN  
REDUCING WATER POLLUTION IN CITIES**

**KINDLY NOTE:**

- PARTICIPATING TEAMS MUST REACH THE VENUE LATEST BY 10.00AM
- EACH TEAM MUST COMPRISE OF 3-5 MEMBERS.
- PRESENTATION TIME ALOTTED IS 5-7 MINUTES PER TEAM.
- FURTHER INFORMATION SHALL BE ADDED IN THE WHATSAPP GROUP.

**CONTACT DETAILS:**

**SHREYAS: 9718210560**

**ANUSHKA: 9654681168**





Shot on OnePlus  
By Saurav Kumar

7.1.6



# INTERNATIONAL OZONE DAY - 2021

Organized By

**Environmental Quality Cell (EQC), Jamia Hamdard**  
in association with Business and Employment Bureau, as a knowledge partner

**Patron**



**Hamid Ahmed**  
Chancellor, Jamia Hamdard

**Cc-Patron**



**Prof. (Dr.) M. Afshar Alam**  
Vice Chancellor, Jamia Hamdard,

**Organizing Secretary**



**Prof. (Dr.) M.Z. Abdin**  
Chairman, EQC



**Dr. Zeenat Iqbal**  
Convener, EQC

**Chief Guest**



**Padma Bhushan & Padma Shri Dr. Anil P. Joshi**  
Himalayan Environmental Studies and Conservation  
Organization (HESCO), Dehradun

**Thursday, 16th September, 2021 at 11.00  
am**  
at Hamdard Archives and Research Centre,  
Auditorium (HARC), Jamia Hamdard

Join us on Google Meet :

Video call link: <https://meet.google.com/tiw-beft-qtc>



**Mr. Shaukat Mufti**  
Executive Secretary, BEB

**Speakers of Excellence**



**Dr. Reema Pant**  
Director  
Techno Hub Laboratories (OPC) Pvt. Ltd.,  
Dehradun



**Prof. (Dr.) Tasneem Fatima**  
Department of Biosciences  
Jamia Millia Islamia, New Delhi - 110025



**Prof. (Dr.) Gazala Habib**  
Indian Institute of Technology Delhi,  
Hauz Khas, New Delhi - 110016



**Dr. Govind Singh**  
Associate Professor of Environmental Studies  
O.P. Jindal Global University (Sonapat),  
Haryana - 131001



**HAMDARD**  
NATIONAL FOUNDATION  
An NGO for Social Welfare





Shot on OnePlus  
By Saurav Kumar



#### **Activity 4 WEBINARS on “Environmental Literacy Programme - Zero Waste Life Style”**

On the occasion of World Environment Day 2022 campaign, **#OnlyOneEarth**, Shamrocks Eco Club, Dean Students Welfare team participated in the two webinars on **“Environmental Literacy Programme - Zero Waste Life Style”** organised by The Association of Indian Universities (AIU) in collaboration with Delhi State Legal Services Authority (DSLISA) on 2<sup>nd</sup> and 3<sup>rd</sup> June 2022. Dr. Pankaj Mittal, Secretary General, AIU in her address laid stress on students’ involvement in spreading awareness about environment conservation to contribute towards 17 Sustainable Development Goals. She said in universities the undergraduate and postgraduate students who plant trees, participate in environment conservation activities should be awarded with Green Degree. Sh. Bharat Parashar, Member Secretary, DSLISA discussed about importance of environmental legal literacy and urged everyone to use free legal aid helpline no 1516 entitled under section 12 Act and spread awareness about it to every citizen of Delhi. Sh. Sushant Changotra, Additional Secretary, DSLISA inspired everyone to adopt 4R’s Refuse, Reduce, Recycle and Reuse principle in their life by using sustainable practices for minimizing the harmful effect of solid waste in the society. Dr Alok K Mishra discussed the contribution of 900 universities working with AIU towards SDG goal 13 for minimizing carbon footprints by adopting eco-friendly measures. Dr. Sudhakar Gaikwad, Delhi Directorate of Education, Science Branch discussed that guidelines and action plan for mass plantation to schools and colleges prepared by DDE is in implementation phase. Mr Rohit Mishra, Additional Commissioner Income Tax Amritsar who is also known as Green Man of Punjab in his talk urged everyone to back to roots and use traditional knowledge practices in their daily life. Mr. Shivam Gupta, Project coordinator, Sahaas NGO in his presentation discussed about steps to zero waste living through home composting, making of bio enzymes, segregating waste, carrying my go-to kit, saying no to fast electronics, fast fashion and use reusable items. Around 40 shamrocks team members attended the webinar. The webinars were attended by Vice-Chancellors, professors, faculty, staff students of colleges and schools in Delhi, NCR region.

#### **WEBINAR HIGHLIGHTS**



**Dr Pankaj Mittal, SG. AIU**



**Sushant Changotra, Additional Secretary, DSLSA**

ment of Education and SAAHAS NGO Environ



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nothing is waste

## Steps to zero waste living

- 01 Know your resources / waste and find solutions
- 02 Implement Reduce, Reuse and Recycle (3R principle) Use reusable/compostable items
- 03 Make your own products

SAAHAS

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ARUNDHATI BHATIA, MODE...  
Shivam Gupta, Saahas  
Rohit Mehra, Additional Co...  
DR SUDHAKAR GAIKWAD D...  
Dr. Alok K Mishra, Joint Secr...

Universities, Directorate of Education and SAAHAS NGO

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## Webinar on Zero waste lifestyle

WORLD ENVIRONMENT DAY!  
JUNE 5

Theme 2022  
**Only One Earth**  
Living sustainably in harmony with Nature

SAAHAS

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ARUNDHATI BHATIA, MO...  
Sushant Chougatra, Additi...  
Bharat Parashar, Member ...  
Shivam Gupta, Saahas  
Dr. Alok K Mishra, Joint Se...  
Rohit Mehra, Additional C...

Environmental Legal Literacy Zero Waste Life Style - DSLSA, Association of Indian Universit

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DR SUDHAKAR GAIKWAD DDE SCIENCE BRANCH

ero Waste Life Style - DSLSA, Association of Indian Universities, Directorate of Education and SAAH

11K



**2. BioEnzymes**

Citrus fruit peels – Mausami, lemon, Orange etc.

**Ingredients:**  
 Yeast – 4 pinch  
 Jaggery – 100g  
 Citrus peels – 300g  
 Water – 500ml

**Process:** Strain → Ferment (4 weeks) → All purpose cleaner

**Uses:**

- Mopping floor
- Disinfecting tables
- Removing stains from sink, basins, toilet bowl, tiles, windows, dishes
- Laundry softener
- Pesticide/Herbicide
- Natural Fertilizer
- Unblocking drains
- Removing mold
- Pest control
- Deodoriser
- Pet care
- Washing veggies
- Skin care
- Vehicle care
- Water purifier

Post it on social media - #Saahas #iamSaahas #DSLSA

**ONLY ONE EARTH!**

SAAHAS

**SEGREGATE!! SEGREGATE!! SEGREGATE!!**

nothing is waste

**YOUR HOME WASTE COMPOSITION**

UPTO 90% IS A RESOURCE, TO BE RECOVERED!



**ONLY IF SEGREGATED**

- WET** → COMPOSTABLE WASTE (≈ 60%)
- DRY** → RECYCLABLE/ENERGY (≈ 30%)
- DOMESTIC HAZARDOUS** → ENERGY /LANDFILL (≈ 10%)

Universities, Directorate of Education and SAAHAS NGO


**Activity 5 : Observation of National Pollution Control Day**

The office of DSW, Jamia Hamdard, in collaboration with Indian Pollution Control Association (IPCA,) has launched “Eco Club” and commemorate the National Pollution Control Day: 2021 through “An Awareness Session on Air and Waste Management” on December 2, 2021. The programme was arranged by the office of the Dean, Students Welfare. It was presided over by Prof (Dr) M. Afshar Alam, Hon’ble Vice Chancellor, Jamia Hamdard and the welcome address was delivered by Prof (Dr) Reshma Nasreen, DSW. Awareness-cum-lecture session on Plastic Waste Recycle and Air Quality Management, respectively, was given by Mr. Ashish Jain, Founder Director, IPCA and Dr. Radha Gupta, Deputy Director, IPCA. The sessions were very interactive and insightful about the protection of environment. Dr Abroo Aman Andrabi and Ms. Nahid Zebi, Members of Eco-club has moderated the entire session. This virtual programme was attended by more than 150 students as well as Faculty members through google meet and YouTube live stream platforms. The programme was ended with concluded remarks by Dr Sapna Jain, President, Eco Club and Vote of Thanks by Dr Jamshed Haneef, Vice-President, Eco-Club.





The office of the DSW, Jamia Hamdard in collaboration  
with Indian Pollution Control Association (IPCA)  
cordially invites you all  
to  
the launch of the **Eco Club** at the University and commemorate the  
**NATIONAL POLLUTION CONTROL DAY :2021**  
Through  
“An Awareness Session on Air and Waste Management”  
With  
**Mr. Ashish Jain**  
Founder Director IPCA, Director in RecMech Enviro Pvt. Ltd.  
**Dr. Radha Goyal**  
Deputy Director IPCA, Secretary,  
Society for Indoor Environment (SIE)  
**Prof. (Dr.) M. Afshar Alam**  
Hon'ble Vice Chancellor will preside.


Thursday, December 2<sup>nd</sup>, 2021 at 11:00 AM, via Google Platform

meet.google.com/dwt-ivtt-kza  
 <https://youtu.be/Cj1vX-5TmPY>

Under the Patronage of



**Mr. Hamid Ahmed**  
Chancellor, Jamia Hamdard




**Prof. (Dr.) M. Afshar Alam**  
Vice-Chancellor, Jamia Hamdard


Dr. Sapna Jain  
President, Eco Club

Dr. Jamshed Haneef  
Vice President,

Eco Club Members  
Dr. Abroo Aman Anrabi  
Ms. Nahid Zebi



**Mr. Ashish Jain**  
Founder Director IPCA, Director in  
RecMech Enviro Pvt. Ltd.



**Dr. Radha Goyal**  
Deputy Director IPCA, Secretary,  
Society for Indoor Environment (SIE)

RSVP:  
Prof. (Dr.) Reshma Nasreen  
DSW

Dr. Zeenat Iqbal  
Deputy, DSW



REC



Mohd Sakib has left the meeting  
Vice-Chancellor

11:18 AM | National Pollution Control Day, 2021

96

You

Dr Sapna Jain

Zeenat Iqbal

C  
92 others

96

96

REC



Ashish Jain

11:37 AM | National Pollution Control Day, 2021

89

You

Abrooaman Andrabi

Abrooaman Andrabi

Zeenat Iqbal

V  
84 others

89

89

REC radha goyal is presenting

### Burden of disease due to indoor and outdoor air pollution for various countries

Countries	Population (000)	Indoor Air Pollution		Outdoor Air Pollution	
		Population using solid fuel (%)	Deaths per year	Annual PM <sub>10</sub> (µg/m <sup>3</sup> )	Deaths per year
Bangladesh	143,809	89	46,000	157	8,200
Cambodia	13,810	>95	1,600	51	200
China	1,302,307	80	380,700	80	275,600
<b>India</b>	<b>1,049,550</b>	<b>82</b>	<b>407,100</b>	<b>84</b>	<b>120,600</b>
Indonesia	217,131	72	15,300	114	28,800
Malaysia	23,965	<5	<100	28	500
Myanmar	48,852	>95	14,700	75	3,900
Nepal	24,609	81	7,500	161	700
Pakistan	149,911	81	70,700	165	28,700
Philippines	78,580	45	6,900	34	3,900
Republic of Korea	47,430	<5	-	43	6,800
Singapore	4,183	<5	-	48	1,000
Sri Lanka	18,910	67	3,100	93	1,000
Thailand	62,193	72	4,600	77	2,800
Vietnam	80,278	70	10,600	66	6,300
Asia	-	-	971,200	-	517,700
World	6,213,869	52	1,497,000	61	865,000

Source: WHO, 2014

12:06 PM | National Pollution Control Day, 2021

70

C

You

radha goyal

Abrooaman Andran

D

Dr Sapna Jain




V

65 others

REC radha goyal is presenting

### Causes of Air Pollution- Urban India

- Uncontrolled sources
- Unaccounted sources
- Geographic location
- Meteorology

B068 Mohammad Samiullah has left the meeting

12:10 PM | National Pollution Control Day, 2021

73

C

You

radha goyal

Abrooaman Andran

Dr Sapna Jain

A

68 others

REC radha goyal is presenting

## Urban Air Quality Management

```

    graph TD
      Emissions[Emissions Inventory] --> IM[Identification, Measurement]
      IM --> ASM[Air Monitoring]
      ASM --> CS[Control Strategy Development]
      CS --> AIQ[Implement Air Quality Improvement Plans]
      AIQ --> EEI[Evaluate Effectiveness of Implemented Controls]
      EEI --> ASM
      ASM --> SA[Source Apportionment]
      SA --> IM
      IM --> AQM[Air Quality Modeling]
      AQM --> CS
      CS --> CBA[Cost Benefit Analysis]
      CS --> HIIA[Health Study and Impact Analysis]
      HIIA --> IM
      IM --> FB[Feedback]
      FB --> Emissions
  
```

12:12 PM | National Pollution Control Day, 2021

You

radha goyal

Abrooaman Andreoli

Dr. Sapna Jain

69 others

REC radha goyal is presenting

## Population Weighted Mean PM<sub>2.5</sub> Concentration in different states of India with Usage of Solid Fuels

**Figure 1: PM<sub>2.5</sub> concentration and use of solid fuels in the states of India, 2017**  
 (A) Population-weighted mean ambient air PM<sub>2.5</sub>, (B) Proportion of population using solid fuels.

**Source: The Global Burden Disease Study of India, 2017**

12:07 PM | National Pollution Control Day, 2021

You

radha goyal

Abrooaman Andreoli

Dr. Sapna Jain

66 others

radha goyal is presenting

**National Metrology Conclave**  
4<sup>th</sup> January, 2021  
to be inaugurated by  
Shri Narendra Modi  
Hon'ble Prime Minister

**Delivering to the Nation**

- The "National Metrology Conclave of India" generating Indian Standard Time (IST) with 2.8 nanosecond accuracy (one of the best in the world) making India self-reliant in precise time and frequency signals and Plan India 2025 dissemination link for "Safe Digital India"
- "Metrology Standard Service (MSS)" - independent Indian Reference Materials and link with reference material producers for self-reliance in supporting all the testing and calibration laboratories across the country for quality assurance at par International standards

Setting a Foundation Stone of

- India's first "National Environmental Standard Laboratory" for self-reliance in the certification of ambient air and industrial emission monitoring equipment and reworking of
- Book titled "Metrology for Sustainable Growth of India" to commemorate the 75<sup>th</sup> Foundation Day of CSIR-IRI.

In the presence of

Dr. Harsh Vardhan  
Union Minister for Health & Family Welfare  
Science & Technology and Earth Sciences

Dr. Shekhar C. Munde  
Director General, CSIR and  
Secretary, IISIRI

**National Environment Standard Laboratory**

- India's first certification body for ambient air and industrial emission monitoring equipment in order to become self-reliance.
- CSIR-NPL is established a state of art 'National Environmental Standard Laboratory' for certification of various ambient air & industrial emission pollution monitoring equipment

12:26 PM | National Pollution Control Day, 2021

### Activity 6: CELEBRATION OF WORLD WILDLIFE DAY

The Environmental Quality Cell (EQC), Jamia Hamdard with technical support from Dr. Faiyyaz Khudsar, Incharge Scientist, Biodiversity Parks Program organized a training session on identification of birds, their characteristic features, habitat requirements and behavior, as a part of celebration of World Wildlife Day on 2<sup>nd</sup> of December 2021 at Jamia Hamdard University campus, Hamdard Nagar, New Delhi 110062.

Mr. Yasir Arafat, a Scientist at Kalindi Biodiversity Park, CEMDE, University of Delhi conducted the workshop as Resource Person to provide on-site training to 22 students second and third year of Diploma in General Nursing and Midwifery (DGNM), Children of campus residents and Ms. Zaara of G-Block also participated enthusiastically in this event. Dr. Zeenat Iqbal, Convener EQC and Ms. Nahid Zabi, member EQC coordinated the activity and were present along with the students.

#### **Location:**

Jamia Hamdard campus is well organized campus spread over an area of 91 acres. It is full of trees with interspersed buildings. On the road sides, some tall native trees such as *Butea monosperma*, *Dalbergia sissoo*, *Azadirachta indica*,

*Bauhinia variegata*, *Cassia fistula* and *Ficus benghalensis* etc are found. Apart from that, some patches of woodlands or forest is also present. However, these woodlands are dominated by invasive species such as *Leucaena leucocephala*, *Prosopis juliflora* and *Lantana camara*.

The nature trail was started at 8.30 am from E-Block Residential area passing through Rabiya Masjid, Convention Centre, Archives Building, D-Block and ended at Scholar's house covering a total distance of 1.5 Km. The duration of walk was 02 hrs. Many birds were observed, and identified through binoculars.

## Observations

A total of 30 species of birds were spotted and identified. Mr. Yasir explained the identifying features, ecological importance of birds and their habitat.

Following birds were identified at various spots :

Area of spotting	Name of the bird	Identifying features
Hamdard Archives Center	Red Vented Bulbul	A dark, sleek, medium-sized bird with a black crest and a white rump with red color under the tail
	Common myna	A large, black-and-brown bird with yellow bill, and yellow legs.
	Greenish warbler	Green on the back and pale below; this bird has a strong white eyebrow which is broad behind the eye and goes all the way to the forehead.
	Black drongo	Black drongo has glossy blue-black colour. The tail is long and deeply forked, and curves out at the end of outer tail feathers. Bill is black.
	Rose ringed parakeet	Vibrantly bright green parakeet has a very long slender tail, bright red bill; male has narrow black-and-rose neck ring.
	Spotted Owlet	A small owl with a round head and a short tail. It is grayish-brown overall with white spots above while its underparts are white with brown bars.
	Rufous treepie	A long- and stiff-tailed bird with primarily rusty-brown upperparts and dull orangish underparts. It has conspicuous silvery-gray, white, and black patterns on the wings. The blackish-gray bill is stout with a hooked tip.
	House Crow	A slender, blackish medium-sized crow with a long bill. The grayish nape and sides form a paler collar that contrasts with the glossy black body.
	Red breasted fly catcher	Males have a rusty-orange throat that continues onto the breast. They have distinctive tail pattern with black terminal bar and white sides. Wings relatively plain and white eye ring noticeable.
	Oriental Magpie Robin	A medium-sized robin with a broad white wingbar running from the shoulder to the tip of the wing.
Common chiffchaff	Chiffchaff is often dull brownish with pale eyebrow, dark legs, and tends to habitually dip its tail.	

	Brown Headed Barbet	A green and brown barbet with prominent pale streaks on its brown head and breast.
	Lesser white throat	Plumage brownish gray overall with grayer head and broad dark mask that sets off white throat.
	Large Grey Babbler	Large gray-brown babbler with piercing yellow eyes.
	Wire tailed swallow	A very distinctive swallow with two long, thin feathers on its outer tail from which it gets its name. It has brilliant glossy blue upperparts and a chestnut forehead and crown
	Red whiskered Bulbul	Medium-sized songbird, brown above and whitish below with a tall black crest and dark "spur" on the side of the breast. Small red patch on ear and red undertail coverts. White tips on tail feathers.
Rabia Masjid	Grey Francolin	A small gamebird with an orangish face and fine barring throughout.
	Black kite	Medium-sized, raptor with overall dark plumage and slightly forked tail
	Common tailor bird	The colour of the tailor bird is bright. The upper plumage is green or gray whereas the under parts are shiny yellow white. It's bill is long and down curved. The colour of the eyes are pale brown. Legs and feet are pinkish in colour.
	Jungle babbler	Ash-brown colored babbler has a yellow bill and a dark brow in front of the eye that contrasts with its pale eye
	Black drongo	Black drongo has glossy blue-black colour. The tail is long and deeply forked, and curves out at the end of outer tail feathers. Bill is black.
	Purple sun bird	The breeding male is a metallic blue and purple overall with maroon feathers on the breast. The female is olive above and yellow below.
	Rock pigeon	Pale gray overall with two bold black wingbars and iridescent purple and green on neck.
E Block	Green bee-eater	Overall green with a greenish-blue throat, a thin black throat band, and long central tail feathers.
	Brown headed Barbet	A green and brown barbet with prominent pale streaks on its brown head and breast.

Around Convention Center	Black kite	Medium-sized, raptor with overall dark plumage and slightly forked tail
	Red wattled lapwing	A distinctly marked lapwing with a black breast and throat and a red bill with a black tip. Red wattles in front of the eyes and a white patch that runs down the cheeks to the underparts is also unmistakable.
	Brahminy starling	A small fawn-colored starling with a long wispy crest and yellow bill with a blue base. Its upperparts are gray and the dark tail is tipped in white.
D Block	Ashy Prinia	Small bird with black bill, pale cinnamon underparts, a gray head, and a grayish-brown back.
	Black rumped Flameback	A common, "small-billed" golden-backed woodpecker is identified by striking red crest
	Asian pied starling	Identified by pointed yellowish bill with an orange base, it has deep orange patch around its eye that contrasts with its white cheek.

Maximum diversity was found around Hamdard Archives Centre followed by Rabia Masjid, E-Block, Convention Centre and D-Block. Based on the above observations, it was found that sightings of birds depend on their habitat preference. The density of birds like Common Myna, Asian Pied Starling, House Crow, Rock Pigeon, Black kite and Parakeets were higher near human habitation. These birds prefer habitats near human habitation due to the availability of resources and protection against predators and parasites. Birds from species having more broods per year also try to live closer to human habitation. However, winter migrant birds' species like Red breasted flycatcher, Greenish warbler, and common chiffchaff were sighted near the woodlands. Further, bird like Black Rumped Flameback Woodpecker and Rufous Treepie also being sighted in the trail on the areas, which were nearer to the shrubby area or far from buildings. Some common birds like House Sparrow, Green pigeon, Grey Horn bill and Greater Coucal were however, not sighted. In some areas, the call of Grey Francolin was heard, which was later sighted also near boys' hostel, where



the area was covered with scrub cover. Some feathers of peafowl were seen on the trail indicating their presence but not seen.

Apart from birds, butterfly diversity was very high. Therefore, information of butterfly identification, and their role in ecology was also discussed with the students. Some notable species are Plain tiger, Yellow orange tip, Common castor, Danaid Eggfly, Lemon emigrant, Pioneer butterfly and Grass yellow. **It was recommended by Mr Yasir to create a butterfly conservatory to bring back the beautiful pollinator in the campus.**

The trail was culminated at 11:00 AM at Scholars House after sighting 25 Bird species and 8 butterfly species. The above programme offers further opportunities to understand the nature around. It is not only providing recreational benefits, but also helps in understanding the quality of life through Presence/Absence of birds and butterflies.



**Black Rumped Red throated flycatcher**



**Green Bee-eater**



**Black Drongo**



Lesser White Throat




Yellow Orange Tip Butterfly  
Large Gray Babbler



Purple Sunbird

## Activity 7: World Food Day celebration

Environment Quality Cell organised National Webinar on the occasion of World Food Day on 18<sup>th</sup> October, 2021 and Best Recipe contest on the theme “Humara Ayush, Humara Swasthya” for the benefit of Hamdardians and to the general public. The recipes submitted by participants will be compiled as E-Book entitled “Bon Voyage of Flavours” and three best entries were awarded. On this occasion a National Webinar was organized in online mode using both Google Meet Platform and You-Tube. The program started with National Anthem to mark the arrival of His Excellency Governor of Maharashtra, Shri Bhagat Singh Koshyari ji in the inaugural session.



Environmental Quality Cell (EQC)  
Jamia Hamdard  
cordially invites you all to a  
National Webinar  
on

# WORLD FOOD DAY - 2021


Chief Guest  
**Shri. Bhagat Singh Koshyari**  
H.E. Governor of Maharashtra


Distinguished Speaker  
**Prof. (Dr.) K. C. Bansal**  
Secretary, National Academy of Agricultural Sciences  
India  
Former Director of the National Bureau of Plant  
Genetic Resources, (ICAR), New Delhi


**Mr. Hamid Ahmed**  
Chancellor, Jamia Hamdard  
will preside


**Prof. (Dr.) M. Afshar Alam**  
Vice Chancellor, Jamia Hamdard  
will Co-preside


**Monday, 18<sup>th</sup> October, 2021 at 11.00 AM**


 <https://meet.google.com/vwh-yvte-vai>


 <https://youtu.be/eGqQKaRKB-I>


  
**Mr. Hamid Ahmed**  
Chancellor, Jamia Hamdard

  
**Prof. (Dr.) M. Afshar Alam**  
Vice-Chancellor, Jamia Hamdard

  
**Prof. (Dr.) M. Z. Abdin**  
Organizing Secretary, Chairman, EQC

  
**Dr. Zeenat Iqbal**  
Convener, EQC

**Chief Guest**  
  
**Shri. Bhagat Singh Koshyari**  
H.E. Governor of Maharashtra

**Distinguished Speaker**  
  
**Prof. (Dr.) K. C. Bansal**



Environmental Quality Cell  
Jamia Hamdard  
(Deemed to be University)  
Invites you to the celebration of

# WORLD FOOD DAY

Share a recipe on the theme:  
"Humara Ayush, Humara Swasthya" in about  
200-300 words for E-FoodBooklet. You are  
requested to send your recipe on the email ID  
mentioned below. E-certificates will be provided  
to all the participants. Those who will submit the  
best recipe will be awarded. Play your part by  
contributing in Ayush based nutrition to adopt  
Ayush for a healthier India.

wfdwebinar2021@gmail.com  
(last date for submission - 14/10/2021)

For registration visit:  
<https://forms.gle/oHw6nKivXGaMka4i6>

**Register Now!**

R.S.V.P.  
Prof. (Dr.) M.Z. Abdin  
Chairman, EQC  
Ph: 011-26059688 Extn.: 5380  
Email: mzabdin@jamiahamdard.ac.in



[www.univarta.com/agricultural-scientists-credit-for-better-supply-of-food-grains-in-the-cou](http://www.univarta.com/agricultural-scientists-credit-for-better-supply-of-food-grains-in-the-cou)

Posted at: Oct 18 2021 5:57PM

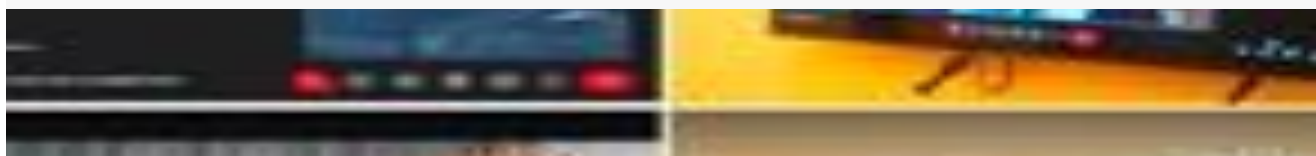


## देश में खाद्यान्नों की बेहतर आपूर्ति का श्रेय कृषि वैज्ञानिकों को: कोश्यारी



नई दिल्ली, 18 अक्टूबर( वार्ता ) महाराष्ट्र के राज्यपाल भगत सिंह कोश्यारी ने कहा है कि आज देश में खाद्यान्नों की कोई कमी नहीं है और इसका श्रेय कृषि वैज्ञानिकों, विचारकों, नीति निर्माताओं एवं नेताओं के अथक प्रयासों को जाता है। उन्होंने विश्व खाद्य दिवस के अवसर पर जामिया हमदर्द विश्वविद्यालय में आयोजित एक कार्यक्रम में शिरकत करते हुए बताया कि सार्वजनिक वितरण प्रणाली के माध्यम से देश भर में पौष्टिक भोजन एवं खाद्य सामग्री उपलब्ध कराई जा रही है और केन्द्र सरकार की सोच यही है कि देश का

कोई भी व्यक्ति अन्न से वंचित नहीं रहे। श्री कोश्यारी ने कहा कि सभी धार्मिक पुस्तकों में अनाज और खाद्य सामग्री को बर्बाद करने से मना किया गया है तथा समाज के सभी वर्गों विशेषतः विद्यार्थियों एवं युवा वर्ग को भोजन करते समय खाद्य सामग्री बर्बाद नहीं करनी चाहिए। इस मौके पर प्रोफेसर जैनुल आबिदीन ने कहा कि हरित क्रांति की वजह से गेहूँ और चावल की पैदावार में वृद्धि हुई है लेकिन तिलहन, फल और सब्जी की पैदावार में बहुत अधिक वृद्धि न होने के कारण भूखमरी एवं कुपोषण की समस्या अभी भी बनी हुई है। उन्होंने ज़रूरत से ज़्यादा खाना पकाने एवं बर्बाद करने को भी भूखमरी एवं स्वास्थ्य समस्याओं की वजह बताई।



### **Activity 8) Observation of WORLD EARTH HOUR**

Observation of 'World Earth Hour' by Environmental Quality Cell (EQC) at Jamia Hamdard (Deemed to Be University) on 27<sup>th</sup> March, 2021. Started by World Wild Life Fund (WWF) and partners, World Earth Hour became symbolic lights-out event in Sydney in 2007. It has now become one of the world's largest grassroots movements for the environment. Earth Hour is held every year on the last Saturday of March and engages millions of people in more than 180 countries and territories, switching off their lights to show support for the planet, earth. It has now gone far beyond the symbolic action of switching off the lights and has become a catalyst for positive environmental impact, driving major legislative changes by harnessing the power of the people and collective action. On this occasion, The Government of Delhi has also urged the residents of Delhi join millions of people around the world to switch off all non-essential lights and electrical appliances for an hour to raise awareness towards the need to take action on climate change. Delhiites have been requested to join in the initiative between 8:30 PM and 9:30 PM. Keeping the above facts in view and supporting the cause of saving the planet earth, Environmental Quality Cell of Jamia Hamdard also observed Earth Hour on 27<sup>th</sup> March, 2021 by switching off lights from 8:30 PM to 9:30 PM in Jamia Hamdard campus, except emergency lights.

# EARTH HOUR 2021

This Earth Hour, people from **192** countries and territories came together to show they care for the future of our planet. Millions put the spotlight on Earth and created an unmissable sight on social media timelines and newsfeeds everywhere. We were also joined by public figures and celebrities, such as **António Guterres, Pope Francis, Sofía Vergara, Dia Mirza, Park Seo-Joon, Eliud Kipchoge, DJ Armin van Buuren** and many more, speaking up for nature to safeguard the health of our planet and our own future.

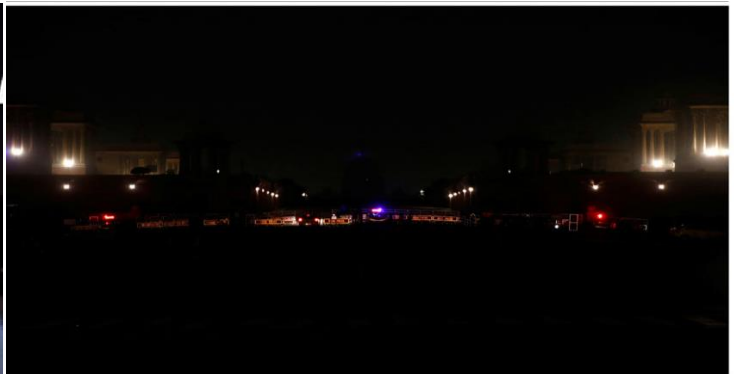
 **192 COUNTRIES & TERRITORIES**

**6.7+ BILLION IMPRESSIONS\***   
FROM JAN TO MAR 2021 FOR #EARTHHOUR AND RELATED HASHTAGS

**TRENDED**  
ACROSS TWITTER OR  
GOOGLE SEARCH IN **42**  **COUNTRIES**

 **2.4 MILLION VIEWS** FOR THE  
VIRTUAL SPOTLIGHT VIDEO IN 24 HOURS

\*Estimates as of 7am GMT on 28 March 2021 using data from social media channels and other platforms like TikTok and LinkedIn.





## Activity 9) **WORLD WILD LIFE DAY**

**Theme: “Forests and Livelihoods: Sustaining People and Planet”**

On 11<sup>th</sup> March, 2021, Environmental Quality Cell (EQC), Jamia Hamdard celebrated World Wild Life Day in the campus. On this occasion a webinar was organized online through Google Platform. 122 participants were present during the event. Program was presided over by Professor Shakir Ali, Dean, SCLS, Jamia Hamdard and started with recitation of Holy Quran followed by University Tarana. Later, Professor M. Z. Abdin, Chairman, EQC and Head, Centre for Transgenic Plant Development, Department of Biotechnology welcomed and introduced the guest speaker, Dr. Faiyaz A. Khudsar, Scientist in the Biodiversity Park Programme at the Centre for Environmental Management of Degraded Ecosystems (CEMDE), University of Delhi, Delhi.

Dr. Khudsar delivered his presentation entitled “**Delhi Biodiversity Park : A model for environmental sustainability in urban Centres**”, which was focused on the Rapid urbanization led degradation of natural habitats of flora and fauna that ultimately resulted in the loss of biodiversity and adverse impact on public health as well as wellbeing of humans. He said that World Wildlife Day will be celebrated in 2021 under the theme "Forests and Livelihoods: Sustaining People and Planet", as a way to highlight the central role of forests, forest species and ecosystems services in sustaining the livelihoods of hundreds of millions of people globally, and particularly of Indigenous and local communities with historic ties to forests and forest-adjacent areas. This aligns with UN Sustainable Development Goals 1, 12, 13 and 15, and their wide-ranging commitments on alleviating poverty, ensuring sustainable use of resources, and conserving life on land.

An Essay writing competition on ‘world wildlife day’ conducted by Eco Club Unit, Rufaida College of Nursing, SNS&AH, Jamia Hamdard. Topic of the Essay writing was Wildlife vs Human every living being counts (conflict of future survival). First prize was bagged by Ms. Nashiz Ul Islam (BMIT 4 Sem), Dept. of Rehabilitation Sciences, Second prize went to Ms. Ashna Singh (DGNM 2 Yr) Rufaida College of Nursing, SNS&AH, Jamia Hamdard and third prize was awarded to Ms. Tasneem Ansari (DGNM 3 Yr). Two Consolation Prizes were given to Ms. Komal Sharma (Optometry) and Mr. Lalit Kumar (BSc Nursing, 1st Yr). Winners were facilitated with prize and a certificate.

On the Occasion of  
**WORLD WILDLIFE DAY 2021**

विश्व वन्यजीव दिवस

Environmental Quality Cell (EQC), Jamia Hamdard

is organizing Webinar on

**“Delhi Biodiversity Park : A model for environmental sustainability in urban centres”**

Presidential Address

11<sup>th</sup> March, 2021

Guest Speaker



**Prof. Shakir Ali**  
 Dean, SCLS  
 Jamia Hamdard



at  
**11:00 AM**

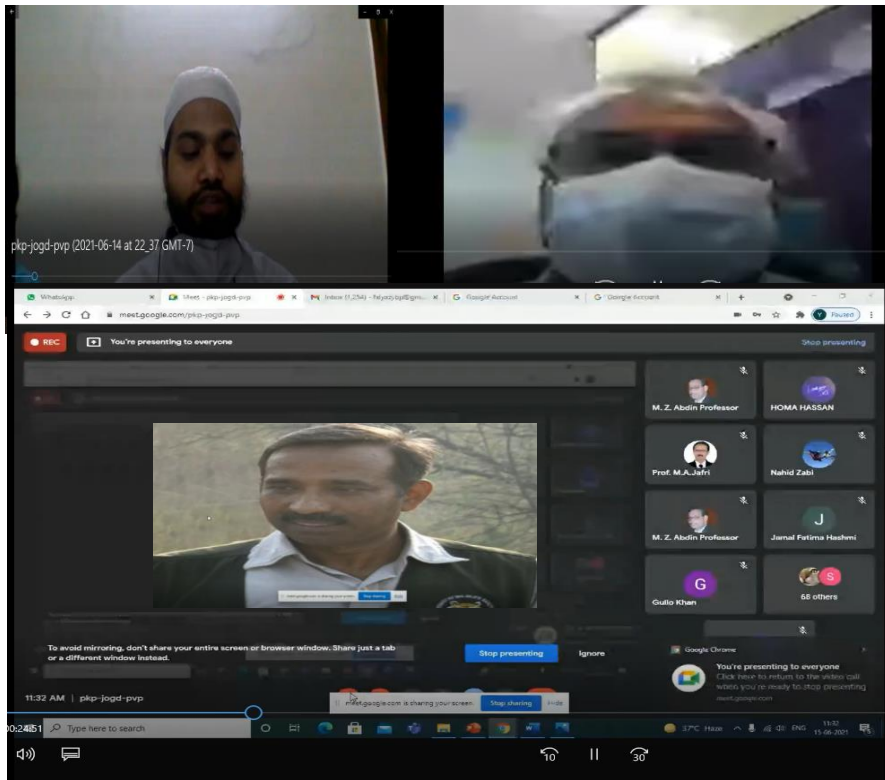


**Dr. Faiyaz A. Khudsar**  
 Scientist in the Biodiversity Parks  
 Programme at Centre for  
 Environmental Management of  
 Degraded Ecosystems (CEMDE),  
 University of Delhi.

RSVP

Prof. M.Z. Abidin, Chairman, EQC  
 Dr. Faheem Ahmed, HIMSR  
 Dr. Nahid Zabi, Nursing

Join us on Google Meet : <https://meet.google.com/vhe-rxvo-rrg>



School and college students, training professionals, IAS aspirants and general public visit the Biodiversity Parks for getting field training in Biodiversity and related environmental aspects .



Both Yamuna and Aravalli Biodiversity Parks have already received more than 0.25 million school students from July to November to visualize biodiversity and learn how biodiversity provides ecological services.



Activity 10) **WORLD ENERGY CONSERVATION DAY**  
**17<sup>th</sup> December, 2020**

Environmental Quality Cell (EQC) observed “World Energy Conservation Day” on 17<sup>th</sup> December, 2020 in Jamia Hamdard. The webinar was organized online through Google Platform. More than 138 participants were present in the event. Program was presided over by Professor M.A. Jafri, Vice Chancellor, Jamia Hamdard and started with recitation of Holy Qur’an by Mr. AM Farooqi Professor M. Z. Abdin, Chairman, EQC welcomed the audience and speaker. He introduced the World Energy Conservation Day and its significance. Later Ms. Nahid Zebi introduced the speaker, Mr. Samrat Sengupta, Programme Director, Climate Change and Renewable Energy at CSE, New Delhi. Mr. Sengupta has substantial exposure in programme and project planning, execution, and policy advocacy. He has also represented Indian and South Asian civil society in various multilateral forums like the UNFCCC, IPCC and G8. Mr. Samrat Sengupta during his lecture said that no doubt energy is the basis of our development and sustenance of life on the planet, earth, but the development of energy sector needs a paradigm shift towards the production and use of renewable rather than non-renewable energy. This paradigm shift in the energy production and usage is essential for climate change mitigation. He also emphasized that the management and conservation of energy should be carried out at all the levels of society. After the lecture, Mr. Smrat Sengupta had an interactive session with the audience and satisfied their queries related to the use of renewable energy in managing environmental health.

**ENVIRONMENTAL QUALITY CELL (EQC)**

**Jamia Hamdard, New Delhi 110062**

**is organizing**

**NATIONAL ENERGY CONSERVATION DAY**

**17<sup>TH</sup> December, 2020 at 11:00 AM**

**National  
ENERGY  
Conservation Day**  
CONSERVE. IT IS IN OUR HANDS.



**Guest Speaker**

**Dr. Samrat Sengupta**

Programme Director - Climate Change  
& Renewable Energy at Centre for  
Science and Environment, New Delhi



**Presidential Address**

**Professor M.A. Jafri**

Officiating Vice Chancellor  
Jamia Hamdard, New Delhi



Joining info Join with Google Meet  
[meet.google.com/bwk-tzyr-aiv](https://meet.google.com/bwk-tzyr-aiv)

**Dr. Faheem Ahmad & Dr. Nahid Zebi**  
Convener

**Professor M.Z. Abdin**  
Chairman, EQC

