



**Khairul Islam higher Education Society's
MAHARASHTRA COLLEGE OF ARTS, SCIENCE AND COMMERCE**

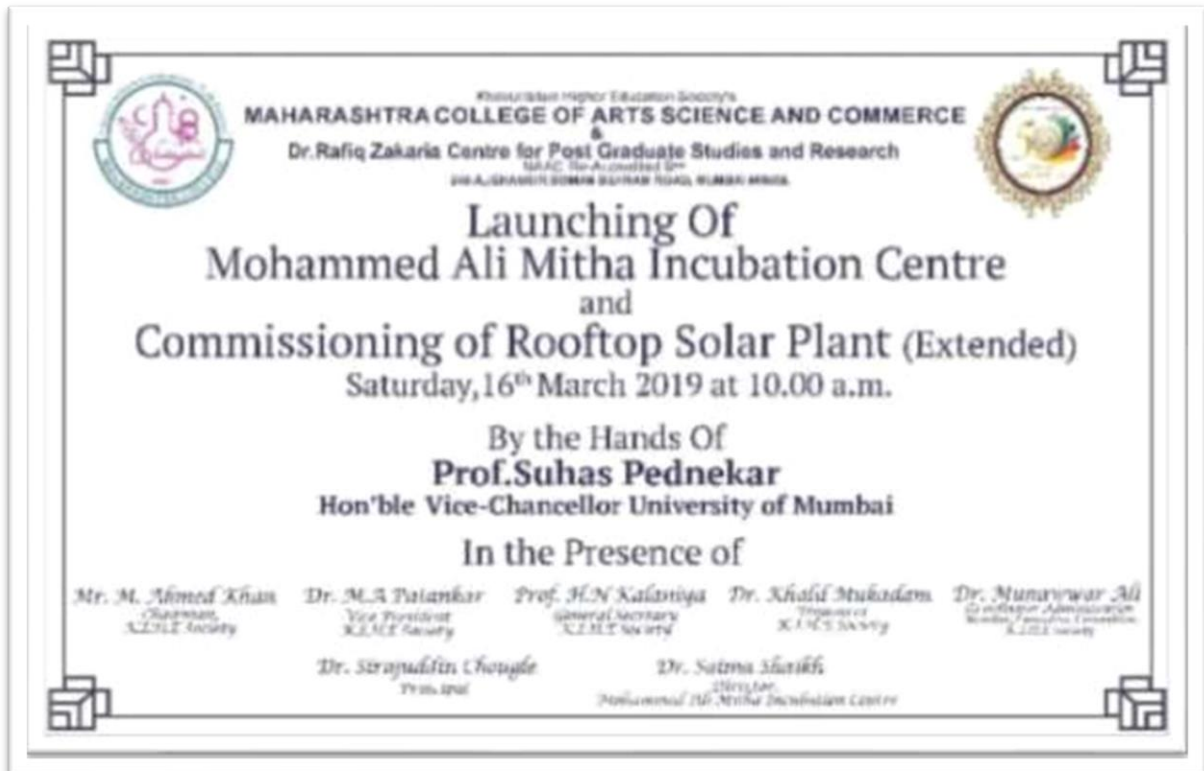
**7.1.2: Energy saving and using alternate energy practices
FROM 2017-18 TO 2021-22**


CONTENT LIST

SR. NO.	ACTIVITY CONDUCTED DURING	PAGE NO.
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Use of alternate energy

- Installation of rooftop solar plant





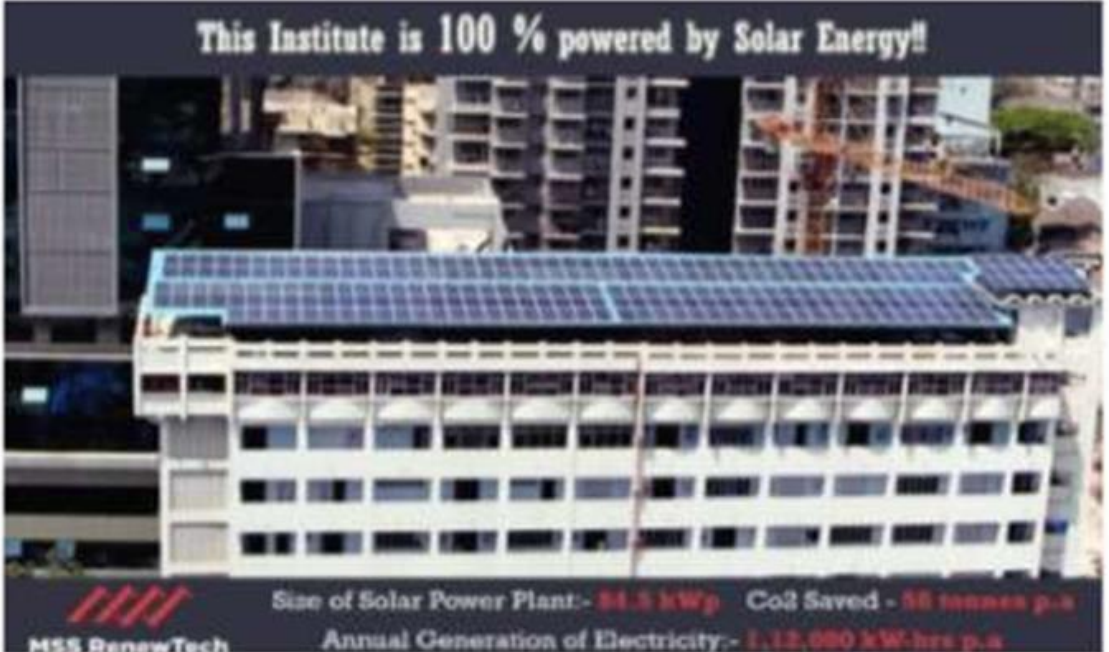
**Maharashtra College
Lights up with Solar Power!!!**

*The first college in city
to be powered 100% by Solar Energy!!*

- 1. Maharashtra College of Arts, Science & Commerce is the university's flagship with highest enrolment across it. Besides the strong academic standing with a continuous growth figure of 10.5 LPM p.a. in seat.
- 2. When is the possible planning of new projects and/or expansion through a better known & sustainable technology, we've opted for an efficient & green energy solution.
- 3. The solar power plant will help generate 28 tonnes of CO2 reduction every year.
- 4. Which makes it highly promising both in financial & environmental perspective.

MSS RenewTech

Call us at 9136567074 / 022-49762023 Visit us at www.mssrenewtech.com
155, Shreevard Industrial Estate, Sakinaka Road, near Dattatreya Church, Sakinaka,
Dahisar (W) Mumbai - 400068



This Institute is 100 % powered by Solar Energy!!

MSS RenewTech

Size of Solar Power Plant:- **84.5 kWp** Co2 Saved - **58 tonnes p.a**
Annual Generation of Electricity:- **1,12,080 kWhrs p.a**



Khairul Islam higher Education Society's

Maharashtra College **OF ARTS, SCIENCE & COMMERCE**

Ref No _____ /2018-19 Date 20th Dec., 2018.
Mah.C/Magt.-Solar Plant/ Purchase Order/

To,

MSS Renewtech LLP
125, Diamond Industrial Estate
Near Dahisar Check Naka, Dahisar (East),
Mumbai- 400068.

Sub:- Purchase Order for 34.5 kWp Solar Power Plant at Maharashtra College,
Bellasis Road, Mumbai.

Greetings,

This is with reference to the techno-commercial proposal for an extension of SPV rooftop plant for Maharashtra College we hereby state the following:-

1. The Techno Commercial Proposal for 34.5 kWp Solar Power Plant to be installed at our premises has been finalized at Rs. 20,00,000/- (Rupees Twenty Lakhs Only) (inclusive of GST @5%) with the following terms and conditions:-
2. The payment structure for the above said plant shall be in the following manner:-
 - a. Advance Rs. 2,00,000/- (Rupees Two Lakhs Only) as an advance amount along with this purchase order.
 - b. 2nd Payment @ 50 % Rs. 10,00,000/- (Rupees Ten Lakhs Only) on completion of structure work and initiation of net metering/ Load Increment procedures with BEST.
 - c. 3rd payment @ 30% Rs.6,00,000/- (Rupees Six Lakhs Only) on delivery of Solar Panels on site and fixing them on the structure.
 - d. Final Payment of Rs.2,00,000/- (Rupees 2 Lakhs Only) in 2-3 months on connection of the plant to the grid.
3. The project completion time line shall be 12-14 weeks from the date of this Purchase Order.
4. Scope of work for MSS Renewtech LLP is attached as annexure.
5. M/s MSS Renewtech LLP shall provide AMC free of cost for first 2 years after installation.

.... 2 ...

246-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 008.

TEL. : 2308 1664 / 2308 1665 • FAX : 2309 2248

Website : www.maharashtracollege.org • E-mail : prin.maharashtracasc08@yahoo.com



Khairul Islam Higher Education Society's

Maharashtra College OF ARTS, SCIENCE & COMMERCE

Ref. No. _____

... 2 ...

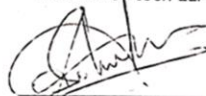
Date _____

6. M/s MSS Renewtech LLP shall provide a generation guarantee of 1,12,000 kW-hr in the first year of plant installation. If the plant fails to generate the said units (deviation more than 3% of the said capacity) due to inefficiency of the solar panels then M/s MSS Renewtech LLP shall at its own cost install 5 additional panels to compensate the losses caused due to less generation.
7. M/s MSS Renewtech LLP shall deploy its own labours for weekly cleaning of solar panels at a predetermined fixed monthly charge, M/s Maharashtra College shall make payments for the same.
8. M/s. Maharashtra College shall provide space for storage of Modules and materials until the plant is commissioned.
9. M/s Maharashtra College shall provide electricity connections for installation of plant and make provision for water availability at site.
10. M/s Maharashtra College shall make available internet connectivity at the location of the inverter for Data monitoring connection.

Kindly acknowledge the same.

Thanking You,

For,
MSS Renewtech LLP


(Authorised Signatory)



Maharashtra College


(Authorised Signatory)

240-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 003.

TEL : 2308 1664 / 2308 1665 • FAX : 2309 2248

Website : www.maharashtracollege.org • E mail : prin.maharashtracollege@yahoo.com

- Sensor based energy conservation:



MSS RenewTech

Authorised Channel Partner

- **TATA POWER SOLAR**

To,

Maharashtra College of Arts, Science & Commerce,
Boman Jehangir Behram Marg, Mumbai Central [E].
Mumbai:- 400 008
19/12/2020

Ref:- Successful implementation of Light Automation sensor system for energy conservation in college premises.

Respected Sir,

We hereby congratulate & express our happiness on account of successful implementation of Automation occupancy sensor system at annexe building BMS classrooms, floor passage area, incubation centre & all the restrooms. The sensors shall contribute to energy conservation & improvement of Air quality in the restroom area of the building.

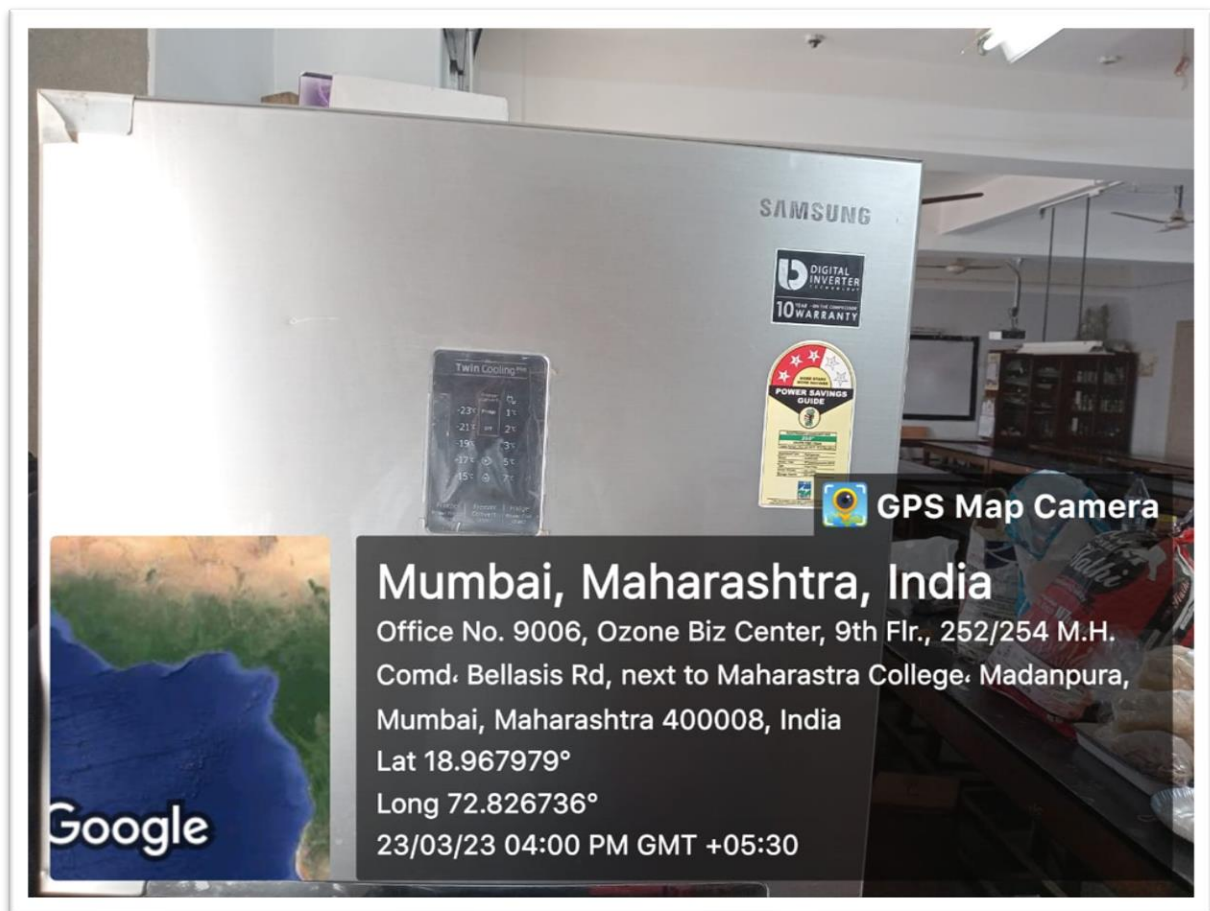
Such initiative shall set goals & encourage others to also implement & opt to create a sustainable & eco-friendly way of living space.



Authorized Signatory
MSS RENEWTECH LLP

S-04, Graceland, Dongorwaddo, Fatorda, Margao, Goa- 403602
125, Diamond Industrial Estate, Ketkipada road, Near Check Naka, Dahisar [E], Mumbai:- 400 068
+91 9136567074 / 9920098380 / 022 49762023 info@mssrenewtech.com , www.mssrenewtech.com

- Use of LED bulbs / power efficient equipment:



Management of various types of degradable and nondegradable waste.

- Zero waste management: This was a major project that the NSS unit of Maharashtra College took up. The project ensured that the NSS volunteers work in different phases from 26 July 2017 to 5 March 2018.



- Plastic Recyclothon: NSS UNIT WITH SARUS NATURE CLUB of the college and in collaboration with Project Mumbai organized “Plastic Collection Drive” on 3rd to 6th October 2018. The activity involved collection of plastic, segregating recyclable ones from the others and creating consciousness on its reduced usage.





- E-waste management awareness rally in association with Ummeed foundation: The activity started with an awareness rally, followed by a detailed talk on what is e waste, its collection and safe disposal. The students were then asked to collect e waste from their homes and neighbourhood.



- Waste sorting event in association with NGO Global Green Resonance dated 26/01/2021: Student and faculty participated enthusiastically during the activity which helped them to understand magnitude of plastic related pollution. Participants were encouraged to take similar activities on their own to protect our mother earth. All NSS volunteers and program officer with NGO Global Green Resonance Foundation took the pledge to support the mission of reducing waste by regularly collecting the solid plastic waste at its first sight, thereby moving ahead to make environment plastic free.



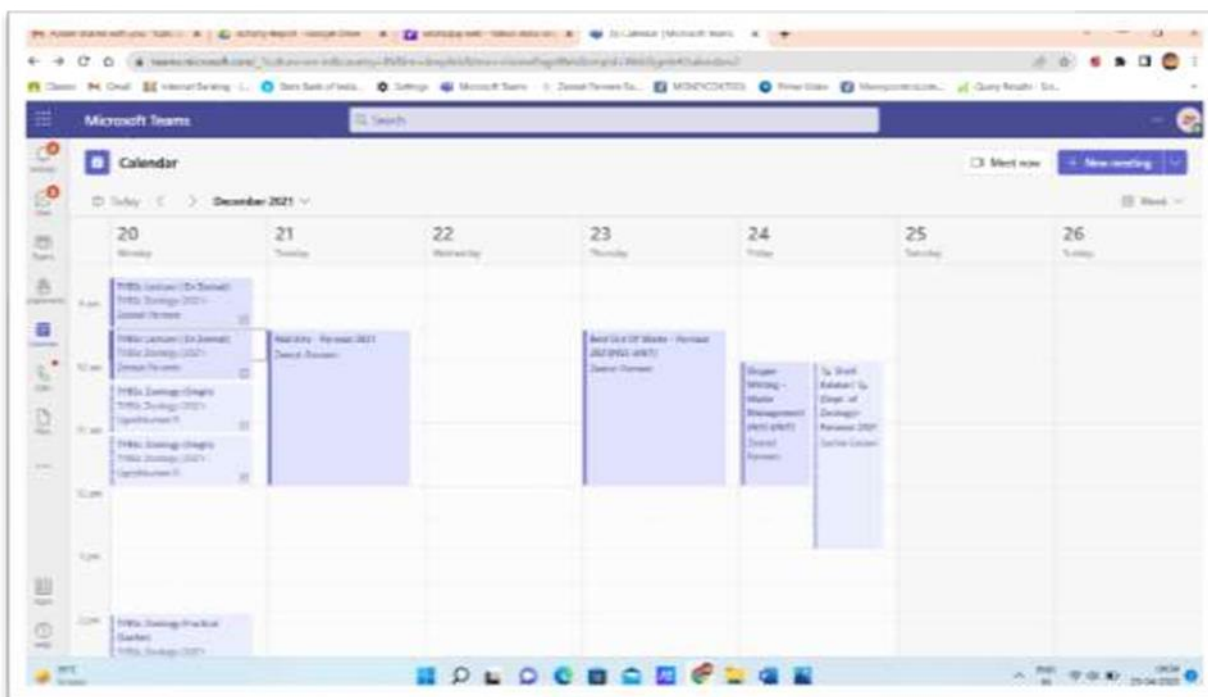
- University van collection of waste: The event was directed by the University of Mumbai. The NSS Units of colleges under University of Mumbai were instructed to collect the maximum Plastic Waste & E-Waste from their own home and neighborhood and it was picked up by a van booked by university dated 02/06/2021.

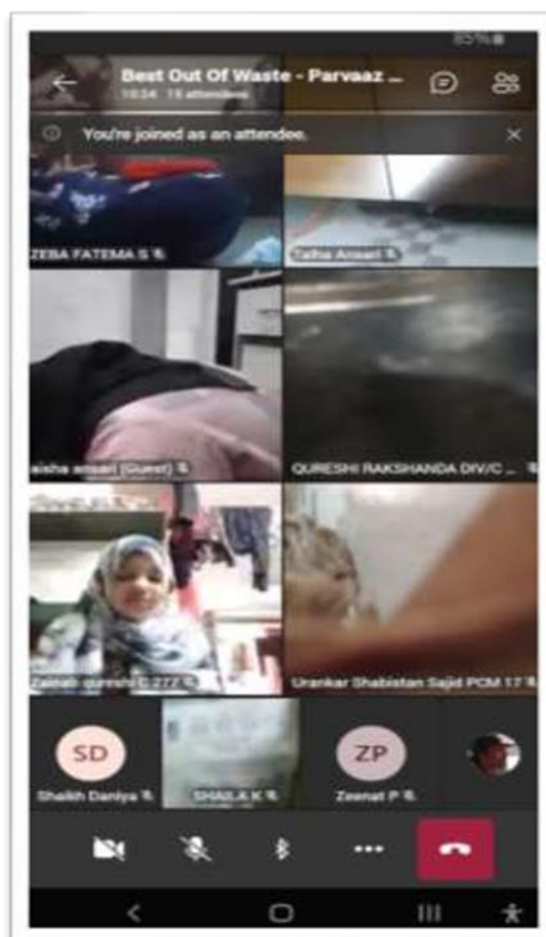


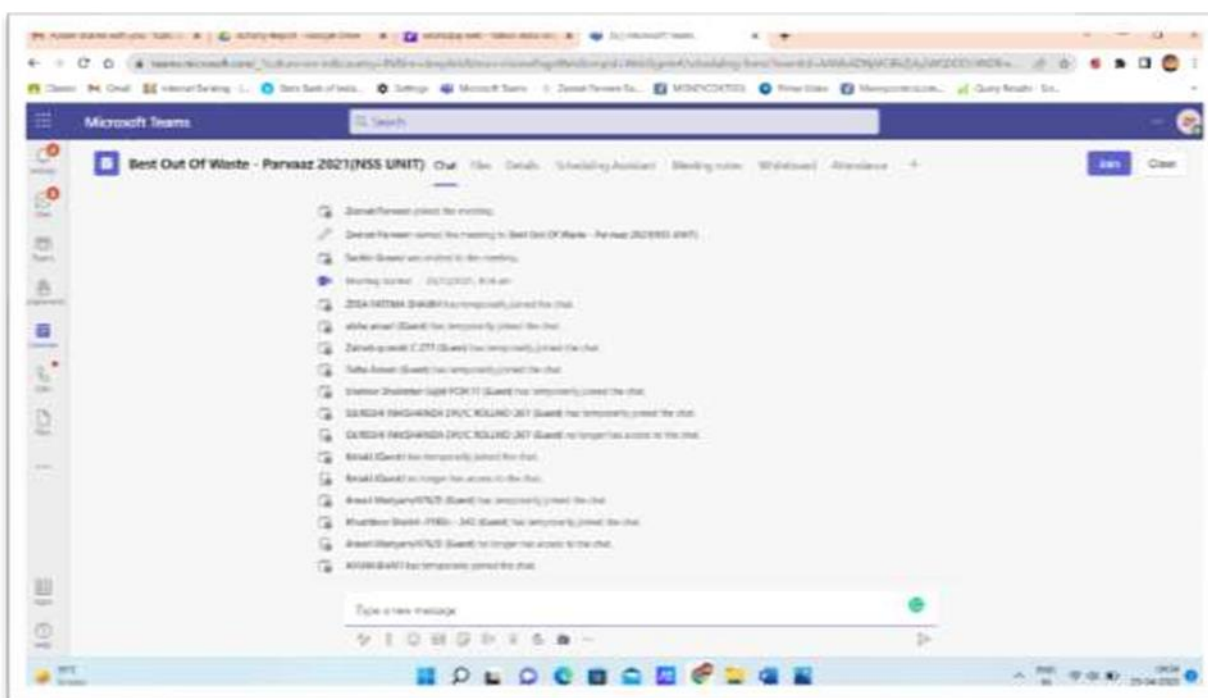
- Seminar on waste management in association with NGO Global Green Resonance Foundation dated 10/09/2021:



- Best out of waste activity dated 23/12/2021: To create awareness of waste management among the students by arranging competition of best out of waste. Theme of the event was from the waste plastic make some useful thing.








Water conservation

- Water saving device in the taps:


 Khairul Islam Higher Education Society's
Maharashtra College
 OF ARTS, SCIENCE & COMMERCE

04-10-2019.

Ref. No. _____ Date _____

OFFICE - NOTE


Submitted please ...
 Installation of Water Saving Devices (Fixture) in Taps in
 the college, Vazukhana, SCR, Annex Bldg. and Canteen.

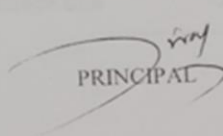
It has been observed that a huge quantity of water is wasted from the various taps installed in Vazukhana, washrooms, canteen, SCR, LCR etc. while using it with full force by the students and staff. They keep water flow at full force and thus a large quantity of water is wasted. To avoid this wastage, it was decided to install water saving devices (filter fixtures) in all the taps i.e. 17 in Vazukhana, 12 in Annex building and 41 in main building's floor-wise taps.

We have obtained quotation for installation of water saving devices in all 70 taps @ Rs. 75/- per device i.e. total Rs. 5,250/- including all taxes from Dr. Irfan Azmeri of M/s. Irfan Azmeri Consultancy. The proposal was approved by the Core Committee meeting held on 19th July, 2019.

Accordingly, we recommend to get installation of 70 water saving devices in all 70 taps from them @ Rs. 75/- i.e. for total Rs. 5,250/-.

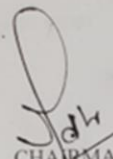
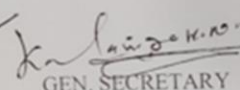
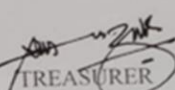
Your orders are requested for the same.


 REGISTRAR


 PRINCIPAL

Encl: Invoice..

Sanction granted.




 CHAIRMAN GEN. SECRETARY TREASURER
 K.I.H.E. Society K.I.H.E. Society K.I.H.E. Society

246-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 008.
 TEL : 2308 1664 / 2308 1665 FAX : 2309 2248
 Website : www.maharashtracollege.org | E-mail : prin.maharashtracasc08@yahoo.com

RECEIPT

IRFAN AJMERI CONSULTANCY
B-7/5, ROAD NO 5 PARK SITE
VIKHROLI WEST MUMBAI-400079
9869315691, irfan.icmc@gmail.com

DATE
18/10/2019
INVOICE NO.
00031

RECEIPT TO

MAHARASHTRA COLLEGE
246-A, Jahangir Boman Behram Marg, Opp Alexandra Cinema, Nagpada, Mumbai, Maharashtra
400008
022 2308 1665

DESCRIPTION	QTY	UNIT PRICE	TOTAL
INSTALLATION OF WATER SAVING DEVICE	70	75	5250.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
		SUBTOTAL	0.00
		DISCOUNT	0.00
		TAX RATE	0.00%
		TOTAL TAX	0.00
		SHIPPING/HANDLING	0.00
		TOTAL	5250/-

Remarks / Payment Instructions:

CHEQUE TO BE MADE ON IRFAN AJMERI

CHEQUE TO BE MADE ON IRFAN AJMERI

Dr. Irfan Ajmeri
Dr. IRFAN AJMERI (MBA - Ph.D)
Training Experts and Research
(Serve Sales Kenda)
6-75, Road No.55, Opp. Shilpi Akademi,
Park Side Vikhroli (W), Mumbai - 400 079.
Mob.: 98693 15691

Green campus initiatives

- Cleanliness campaign in college campus dated 17/11/2017.

Name of the activity	CLEANLINESS CAMPAIGN IN OUR COLLEGE		
Objectives of the activity	To clean the campus and create awareness about cleanliness amongst students		
Brief description of activity	On 17th November 2017, the NSS unit organized cleanliness campaign in the college campus. They cleaned the classrooms, doors and windows, corridors and terrace and insisted on using separate bins for dry and wet waste.		
Date	17/11/2017		
Class/participant/level	NSS Unit		
Number of participants/beneficiaries			Total = 27



- E-waste management dated 30th January 2018 in association with Ummeed foundation:



- Guest lecture on plastic ban in college auditorium dated 17/07/2018.

Name of the activity	Lecture On Plastic Ban		
Objectives of the activity	To enlighten students abouts hazards of plastic and motivatethem to not use one time use plastic.		
Brief description of activity	On 17 th July 2018, NSS unit organised a special lecture on "Plastic Ban" in the College auditorium. The special guest was Prof. Inamur Rehman from the Dept of Commerce and he spoke extensively on the hazards of plastic littering and the ways of controlling it.		
Date	17 th July 2018		
Class/participant/level	Cadets		
Number of participants/beneficiaries			Total = 21



- Rally on Cleanliness dated 31/07/2018:

Name of the activity	RALLY ON CLEANLINESS		
Objectives of the activity	To make the environment clean To create awareness about clean and green environment amongst students		
Brief description of activity	On 31 st July 2018, NSS unit organised a rally on "Cleanliness / Swaccha Bharat Abhiyan. It included a walk with slogans and also talking to general people on the road persuading them to keep the surroundings clean by minimizing the usage of plastic bags, containers and other plastic stationaries		
Date	31 st July 2018		
Class/participant/level	Cadets		
Number of participants/beneficiaries			Total = 32



- **Conservation of Water Awareness Day dated 23/03/2019**

Name of the activity	Conservation of Water Awareness Day		
Objectives of the activity	To observe Conservation of Water Awareness Day and create awareness about the depleting condition of water and ways to conserve it for future.		
Brief description of activity	In order to raise awareness on water conservation, the NCC cadets organized a Poster making competition followed by a rally emphasising on judicious usage of water and various ways to conserve it for future.		
Date	23RD MARCH 2019		
Class/participant/level	NCC Cadets		
Number of participants/beneficiaries		=	Total = 25 in Poster making Competition 48 in Awareness Rally



- **Cleanliness / Swacch Bharat Abhiyan dated 15th August 2019:**

Name of the activity	CLEANLINESS / SWACCH BHARAT ABHIYAN		
Objectives of the activity	To clean the campus and create awareness in students about cleanliness, health and hygiene in the college campus.		
Brief description of activity	NSS volunteers organized a cleanliness program under the banner of Swacch Bharat Abhiyan in the College Campus. The volunteers visited each classroom, spoke to the students on the importance of maintain clean surrounding. they also segregated the dry and wet disposal bins and spoke to the sweepers of the college how to distinguish between these two types of disposable items.		
Date	15 th August 2019		
Class/participant/level	NSS Unit		
Number of participants/ beneficiaries	Male = 06	Female = 17	Total = 23



- Tree plantation: dated 17/09/2019:

Name of the activity	TREE PLANTATION		
Objectives of the activity	To work towards creating a better and greener environment.		
Brief description of activity	NSS unit organized "Tree Plantation Programme" in the College Campus to ensure a cleaner and greener college campus for the future.		
Date	17 th September 2019		
Class/participant/level	NSS Unit		
Number of participants/beneficiaries	Male = 04	Female = 20	Total = 24



- Plastic free campus from 26/09/2019 to 28/09/2019:

Name of the activity	PLASTIC FREE CAMPUS (3 DAYS)		
Objectives of the activity	To create awareness about hazards of plastic and motivate students to avoid use of plastics.		
Brief description of activity	NSS unit organized a plastic free campus programme for 3-days in the College campus, say-no to plastic in the College premises and distributed about 200 Paper bag & among teaching & non – teaching staff and students.		
Date	26 th to 28 th September 2019		
Class/participant/level	NSS Unit		
Number of participants/beneficiaries	Male = 06	Female = 12	Total = 18



- Cleanliness drive in classroom dated 08/12/2019:

Name of the activity	Cleanliness drive in Classroom		
Objectives of the activity	To make the environment clean To create environment awareness in students		
Brief description of activity	Cleanliness drive was conducted in classroom of college. The cadets cleaned the doors and windows of the college classrooms and activated the students towards maintaining the cleanliness of their respective classrooms.		
Date	08 th Dec 2019		
Class/participant/level	NCC Boys Unit		
Number of participants/beneficiaries			Total = 48



- Awareness rally for cleanliness dated 11/12/2019:**

Name of the activity	Awareness Rally for cleanliness		
Objectives of the activity	To create awareness on the significance of cleanliness		
Brief description of activity	Awareness Rally was conducted from college to Nagpada circle and back to college with our Principal Dr. Sirajuddin Chougale leading 45 cadets.		
Date	11 th Dec 2019		
Class/participant/level	NCC Boys Unit		
Number of participants/beneficiaries			Total = 45



• **Seminar on plastic waste management dated 13/12/2019:**

Name of the activity	Seminar on Plastic Waste Management		
Objectives of the activity	To create awareness about waste management		
Brief description of activity	Seminar on plastic waste management was conducted with help of NCC boys and lecture was conducted by Dr. Sirajuddin Chougale and Dr. Rafi Ahmed. The highlight of the seminar was on reducing plastic usage, recycle, reuse and reduce its use.		
Date	13 th Dec 2019		
Class/participant/level	NCC Boys Unit		
Number of participants/beneficiaries	Male =	Female =	Total = 54



- **Picking up litter from the college campus dated 14/12/2019:**

Name of the activity	Picking of Litter		
Objectives of the activity	To make the environment clean Create environment awareness in students		
Brief description of activity	Picking of litter was again conducted by 40 cadets in college premises. They cleaned the classrooms, terrace and common corridors and other spaces.		
Date	14 th Dec 2019		
Class/participant/level	NCC Boys Unit		
Number of participants/beneficiaries	Male =	Female =	Total = 40



- Tree plantation and Guava sapling distribution programme in association with NGO Majhi Vasundhara Abhiyan dated 27/12/2020:

Name of the activity	Tree Plantation and Guava Sapling distribution programme		
In collaboration with	NGO Majhi Vasundhara Abhiyan		
Objectives of the activity	To raise environmental consciousness in the students and community at large by planting saplings of big trees		
Brief description of activity	The main objective of this activity was to raise environmental consciousness in the students and community at large. 15 Girl and 15 Boy Cadets of Maharashtra college along with Principal Dr. Sirajuddin, ANO Lt. Manisha and CTO Dr. Rafi and 5 teaching staff attended the Guava Sapling distribution program at 11 a.m. and cadets planted those saplings near to their residence and in the college.		
Date	27-12-2020		
Class/participant/level	NCC Girls unit with NCC Boys Unit, NSS Unit and NGO Majhi Vasundhara Abhiyan		
Number of participants/beneficiaries	Male =	Female =	Total = 15 NCC girl Cadets 18 NCC boys' cadets = 33 cadets

NCC Unit of Maharashtra College of Arts, Science & Commerce
With
Majhi Vasundhara Abhiyan
Organises
Tree Plantation Drive

Health Benefits of Guava Tree and Guava fruit

- Helps in Toothache
- Improve Eye Sight
- Improves Your Immunity
- Keeps Your Heart Strong
- Lower Cholesterol



- Educational Movie Screening, a BBC documentary series "PLANET EARTH" dated 03/01/2021:

Name of the activity	Educational Movie Screening, a BBC documentary series "PLANET EARTH"		
Objectives of the activity	To increase students' interest in a topic being studied while offering a brief break from typical class room activity		
Brief description of activity	Educational movies are an excellent resource for visual learners because they allow them to grasp topics without the hurdles that obstruct learning. Hence, the main aim of this activity was to increase students' interest in a topic being studied while offering a brief break from typical class room activity, to enable the students to discover new universes or to perceive something they already know in a different way.		
Date	03-01-2021		
Class/participant/level	Dept. of Zoology		
Number of participants/beneficiaries	Male = 7	Female = 64	Total = 71



Khairul Islam Higher Education Society's
Maharashtra College
OF ARTS, SCIENCE & COMMERCE

Ref. No. _____ Date: 24/02/2021

Notice

F.Y.B.Sc., S.Y.B.Sc. & T.Y.B.Sc.

The above classes are informed that a Department of Zoology has organized screening of movie - "SHALLOW SEA" on Monday, 1st March 2021 at 3.00 pm on Microsoft Teams platform. All are expected to attend the same. It is compulsory for S.Y.B.Sc. (Zoology) students to attend the same, as they have to write a review report on this movie.

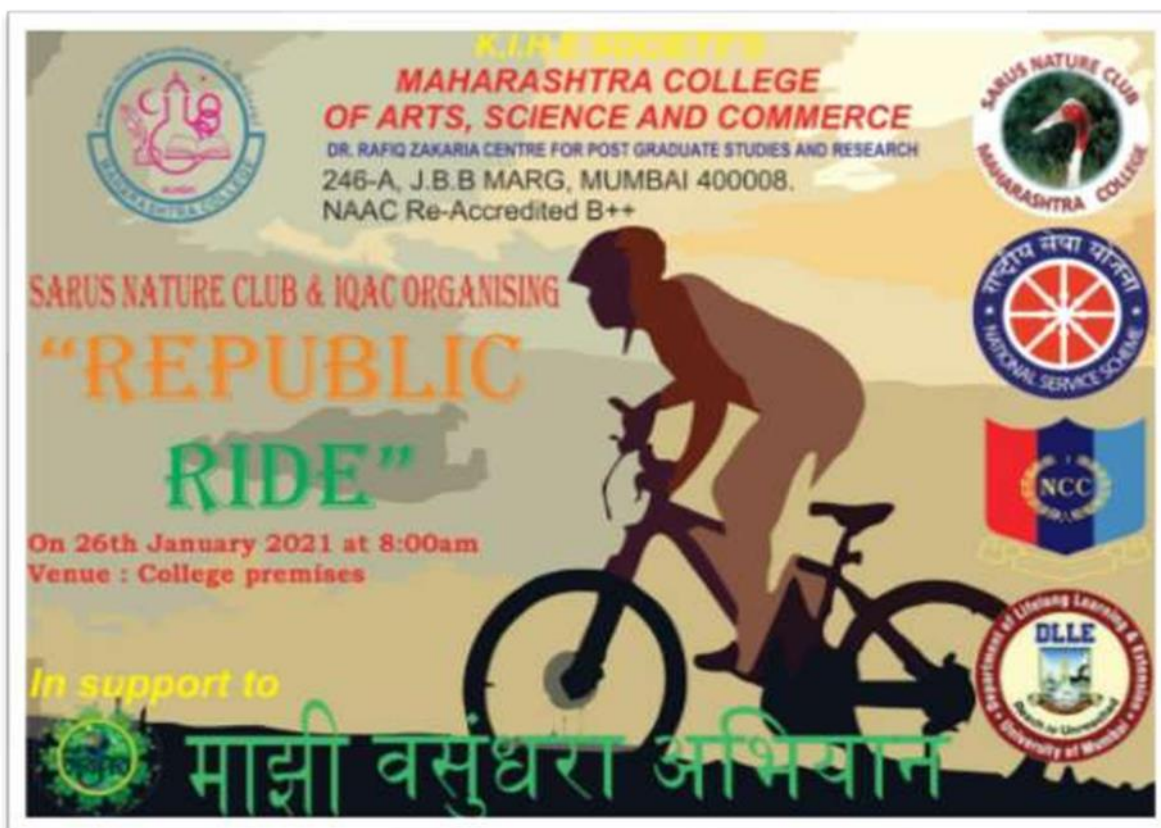

 Dr. U. R. Singh
 (Head, Dept. of Zoology)

246-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 008
 TEL. : 2308 1664 / 2308 1665 • FAX : 2309 2248
 Website: www.maharashtracollege.org • E-mail: prin.maharashtracollege@yahoo.com



- Republic ride in association with Majhi Vasundhara Abhiman dated 26/01/2021:

Name of the activity	Republic Ride-2021		
In collaboration with	Sarus Nature Club and IQAC		
Objectives of the activity	To promote health and environment awareness by encouraging the students to use bicycles.		
Brief description of activity	<p>Republic Ride was organized by Sarus Nature Club in collaboration with IQAC on Republic Day. The main objective was to promote health and environment awareness by encouraging the students to use bicycles. Participants were also encouraged to participate in Majhi Vasundhara Abhiyan which is an initiative by Government of Maharashtra to sensitize every citizen to Mitigate the effects of Climate Change. The participants took the E-pledge - 'Cycle for good health and environment, its Economical too. Let's get bicycles back in our life.'</p> <p>Male cyclists -16 Female cyclists-4 Total-20+ students and many teaching & non-teaching staff.</p>		
Date	26-01-2021		
Class/participant/level	Dept. of Chemistry		
Number of participants/beneficiaries	Male = 16	Female = 4	Total = 20





- National Level Webinar on “Mangroves –Distribution, Adaptation and Biodiversity” dated 27/01/2021:

Name of the activity	National Level Webinar on “Mangroves –Distribution, Adaptation and Biodiversity”		
In collaboration with			
Objectives of the activity	<ul style="list-style-type: none"> • To explain Distribution, Adaptation and Biodiversity of Mangroves. 		
Brief description of activity	<p>The Department of Economics in collaboration with IQAC, conducted a National Level Webinar on “Mangroves – Distribution, Adaptation and Biodiversity”. The resource person threw light on the benefits of mangroves, the area under mangroves conserved by Godrej and Boyce Mfg. Co. Ltd. and the methods to conserve it. He explained the means adopted by the Company to conserve huge acres of land under mangrove, Biodiversity, emphasized on conservation initiatives, development and management of a mangrove nursery, running regular plantation programs, development and management of educational infrastructure such as nature trails, theme gardens, a mangrove information center, a marine aquarium and a watchtower. The session was a beneficial for 163 participants who attended from various renowned colleges from across Mumbai.</p>		
Date	27-02-2021		
Class/participant/level	Dept. of Economics		
Number of participants/beneficiaries	Male = 16	Female = 52	Total = 68



• **National Level Webinar On Occasion Of "International Tiger Day-2021":**

Name of the activity	National level Webinar on the occasion of "International TigerDay-2021"		
Date and Time:	29th July 2021 at 4. 00 PM		
In collaboration with	NIL		
Objectives of the activity	<ul style="list-style-type: none"> • To celebrate the international Tigers Day-2021. • To raise awareness about critically endangered tigers. • To raise public awareness about the causes of tiger decline,such as wildlife trafficking and habitat destruction. 		
Brief description of activity	<ul style="list-style-type: none"> • Dr. Anubhab Khan, a well-known international young researcher from the University of Glasgow in Scotland, was invited to deliver the lecture (online) because of his contribution to tiger conservation. He gave a lecture titled "Tiger Conservation Genetics: An Indian Perspective." 		
Date	29/06/2021		
Class/participant/level	FYBSc, SYBSc and TYBSc and participants across the country		
Number of participants/beneficiaries	Male = 61	Female = 201	Total = 262



Khairul Islam Higher Education Society's

Maharashtra College

OF ARTS, SCIENCE & COMMERCE

Ref. No. _____

Date 23/07/2021

STAFF NOTICE

On the occasion of International Tiger Day, July 29th, 2021, the Department of Zoology will host a **national level webinar** on "Conservation Genetics of Tigers: An Indian Perspective," with **Dr. Anubhab Khan of the University of Glasgow, Scotland**, as the speaker.

The program's committee members & duties are listed below.

Dr. Ugeshkumari Singh (Program Convener)
Dr. Arshad Ali Haider (Committee Member)
Dr. Zeenat Surve (Committee Member)
Dr. Sachin Gosavi (Program Coordinator)


(HOD, Zoology)


(Principal)

246-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 008.

TEL. : 2308 1654 / 2308 1665 • FAX : 2309 2248

Website : www.maharashtracollege.org • E-mail : prin.maharashtracollege@yahoo.com

A National Level Webinar On

Conservation Genetics of Tigers: An Indian perspective

On The Occasion of

INTERNATIONAL TIGER DAY - 2021

29th July 2021 @ 4.00 PM

FREE! REGISTRATION





WHO CAN ATTEND?
UG, PG & Research Scholars
Faculties, Conservation biologists

WHY IT IS NECESSARY?
Citizen Science, Research,
Education, Career, Love for animals

WHAT YOU CAN LEARN?
Non-invasive sampling, DNA
extraction, Genomic Mapping,
Phylogeny and many more...

Dr. Anubhab Khan
(University of Glasgow, Scotland, UK)

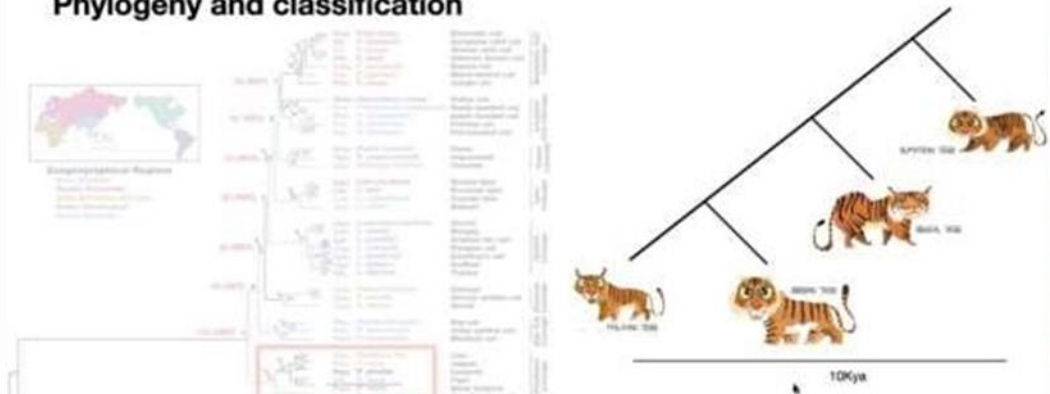
ORGANIZER
Dept. of Zoology,
Maharashtra College of Arts, Science and Commerce, Mumbai- 400008

WhatsApp 7400282800

#E-certificate will be provided to all the participants

Tigers: the basics

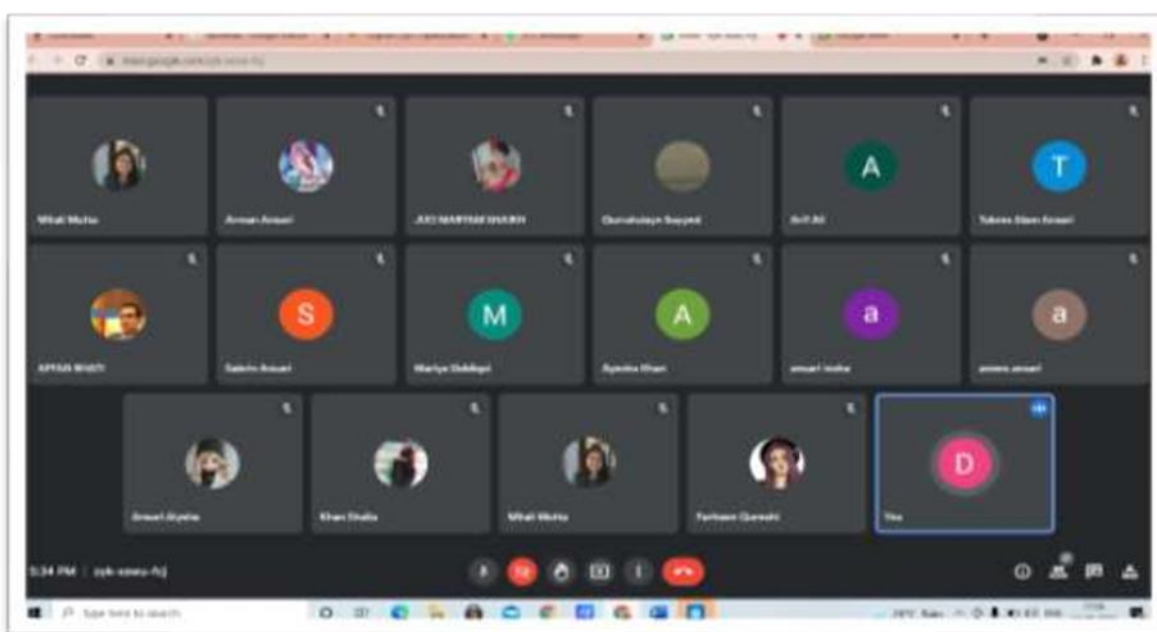
Phylogeny and classification

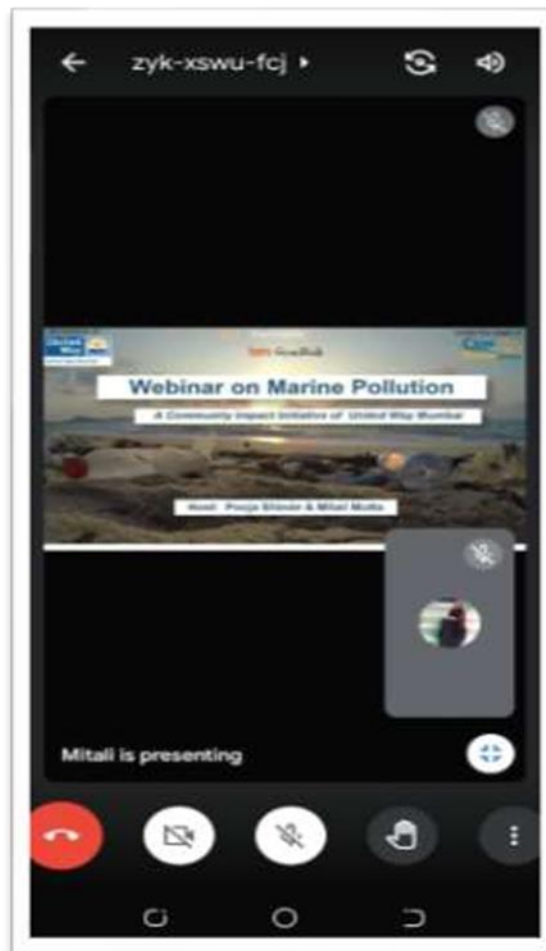
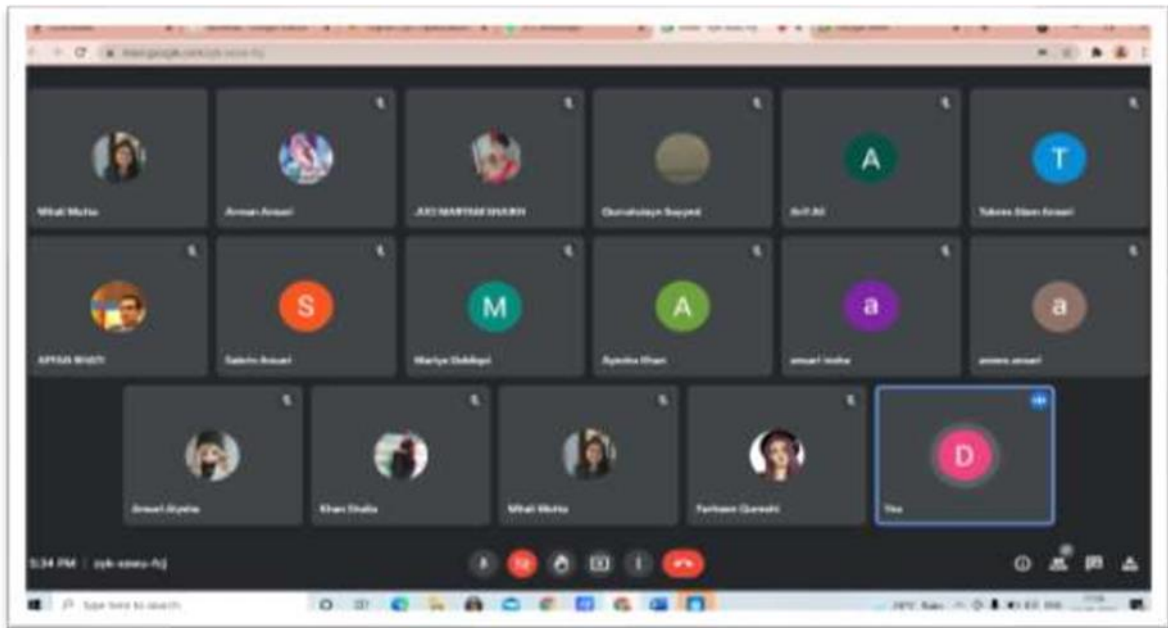


Johnson et al. 2006
Armstrong and Khan et al. 2021

- Webinar on Marine pollution dated 13/09/2021:

Name of the activity	Webinar on "Marine Pollution"		
Date and Time:	13 th September 2021 at 4. 00 PM		
In collaboration with	NSS Unit with NGO Unites Way		
Objectives of the activity	Marine pollution Talk was intended to raise awareness about marine aquatic animal. Through this webinar we focus on pollution.		
Brief description of activity	This webinar provided information about the marine aquatic life and water pollution. Ms. Mitali, was invited to deliver the lecture (online). Awareness on marine pollution especially when we are living in a city which has a huge coastline, considering this our NGO United Way Mumbai		
Date	13/09/2021		
Class/participant/level	NSS		
Number of participants/beneficiaries	Male = 08	Female = 09	Total = 17





- Guest lecture on Save Environment by Waste Management in association with GGRF dated 13/09/2021:

Name of the activity	Save Environment by Waste Management		
In collaboration with	Mr. Ajay Rajpoot, Secretary, Global Green Resonance Foundation.		
Objectives of the activity	To create awareness about environment pollution. To emphasize on individual contribution to save the environment. Avoid Plastic was the main moto of this workshop.		
Brief description of activity	Mr. Ajay had very beautifully explained how to save environment by paying attention during normal day-to-daywork. He elaborated on the hazards of plastic use. Hence he set targets for each student to collect plastic from their surroundings and create consciousness in their vicinity about the reusing and recycling of plastic.		
Date	13/09/2021		
Class/participant/level	FY, SY and TY volunteers of NSS		
Number of participants/beneficiaries	Male = 06	Female = 08	Total = 14





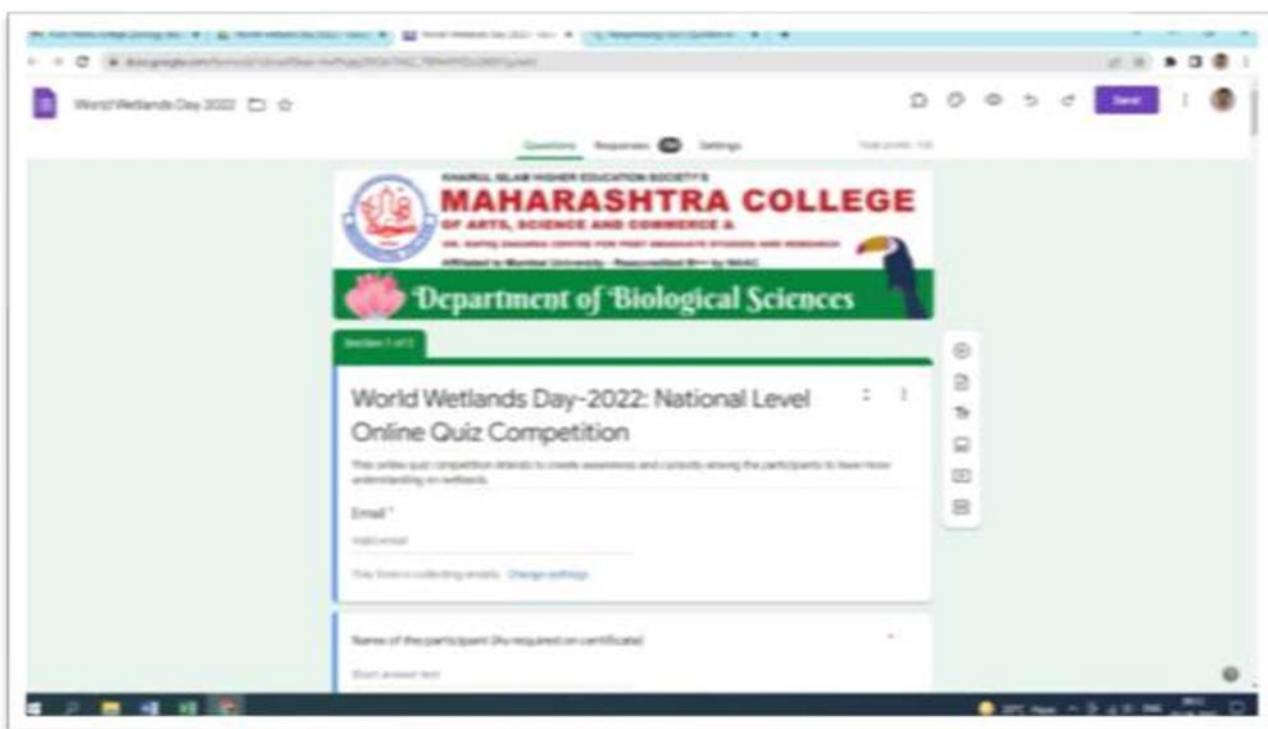
مہاراشٹر کالج NSS یونٹ کی صفائی مہم



مہاراشٹر کالج آف آرٹس سائنس اینڈ کامرس، بالکنڈ کے NSS یونٹ نے 13 دسمبر 2021 کو سہ پہر 3:00-4:30 بجے کالج کے آڈیٹریم میں گھوٹل گرین ریڈ جس فوڈ مینشن کے سرکاری اسچے راجپوت کے اشتراک سے ایک تقریب کا اہتمام کیا۔ این ایس ایس رضا کاروں نے جی جی آر ایف کے اشتراک سے اس بیداری مہم کا آغاز کیا۔ اسچے راجپوت اور جی جی آر ایف وین کی رہنمائی میں این ایس ایس رضا کاروں کے ذریعہ کچرے کو جمع کیا جائے گا۔ اس طرح آج مہاراشٹر کالج کے این ایس ایس یونٹ نے ماحول کی صفائی کی طرف قدم بڑھایا۔

- National level Quiz on occasion of "World Wetland Day 2022" dated 02/02/2022:

Name of the activity	National level Quiz on occasion of "World Wetland Day 2022"		
In collaboration with	Dept. of Botany & Zoology		
Objectives of the activity	To celebrate the World Wetland Day-2022. To raise global awareness about the vital role of wetlands for people and our planet. To raise public awareness about the causes of wetland decline and their conservation.		
Brief description of activity	The activity was carried out using Google forms, which had 25 multiple-choice questions covering the most of the aspects of wetlands and were focused on the subject "Wetlands Action for People and Nature". Participants from 18 Indian state taken the quiz.		
Date	2 nd February 2022		
Class/participant/level	Participants across the Country		
Number of participants/beneficiaries	Male = 128	Female = 656	Total = 784



LINK TO RESPONSES RECEIVED

https://docs.google.com/spreadsheets/d/1ZZDWkW-rmPwe8QA9iSvtY65le9_oXbdLMBTG2T9eVik/edit?usp=sharing



Maharashtra College
OF ARTS, SCIENCE & COMMERCE

Date 27/01/2022

Department of Zoology & Botany will be organizing quiz (online mode) on the occasion of "World Wetland Day-2022" on 2nd February, 2022. The quiz committee members & duties are listed below. The details of exact task to be performed will be shared or discussed in meeting.

Dr. Ugeshkumari Singh (Convener, Zoology)
Dr. Rafi Ahmed (Coordinator, Botany)
Dr. Arshad Ali Haider (Committee Member)
Dr. Zeenat Surve (Committee Member)
Dr. Sachin Gosavi (Committee Member)
Dr. Moinuddin Vakil (Committee Member)

(HOD, Botany)

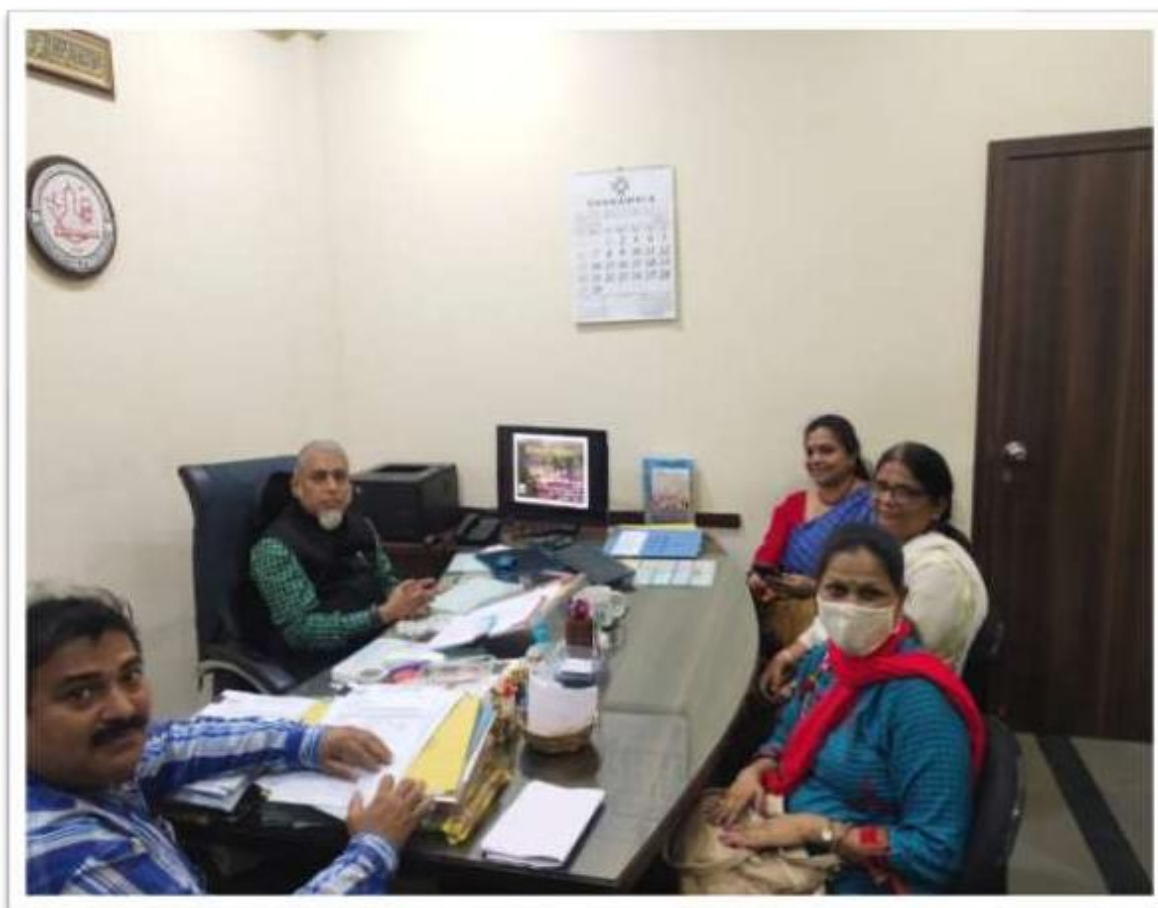
(HOD, Zoology)




(Principal)

246-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 006.
TEL : (2308 1054/2308 1055) • FAX : 2509 2248
Website : www.maharashtracollege.org • E-mail : prin.maharashtracollege08@yahoo.com


- NATIONAL WEBINAR ON WORLD WETLANDS DAY:**

Name of the activity	A National Webinar on Konkani Safari by Principal Dr Sirajuddin Chougale on the occasion of Wetlands Day		
In collaboration with	IQAC of KIHES's Maharashtra College in collaboration with Dept. Of EVS and IQAC of VPM'S B.N. Bandodkar College of Science (Autonomous)		
Objectives of the activity	To raise awareness about wetlands		
Brief description of activity	National Webinar on Konkani Safari had a multiple sub themes which included a detailed historical and geographical background of the Konkani region, its culture, cuisine and agriculture.		
Date	02/02/22		
Class/participant/level	Faculties from different colleges and All Jr College and UG Students across the nation		
Number of participants/beneficiaries	Male = 53	Female = 90	Total = 143



**SARUS NATURE CLUB & IQAC OF
MAHARASHTRA COLLEGE OF ARTS, SCIENCE AND COMMERCE**
& Dr. Rafiq Zakaria Centre for Post Graduate Studies and Research Mumbai-400008
IN COLLABORATION WITH
DEPT. OF EVS AND IQAC OF
VPM'S B. N. BANDODKAR COLLEGE OF SCIENCE (AUTONOMOUS)



ORGANISE NATIONAL WEBINAR ON 'KOKAN SAFARI' on the occasion of 'WORLD WETLANDS DAY'

Date : 2nd February 2022
Time : 3.00 pm to 4.00 pm
Online Platform : MS TEAM

Dr. Sirajuddin Chougale (Resource Person)

Dr. Jayashree Menon (Secretary, Sarus Nature Club)	Dr. Nilima Dixit (Chairperson, Sarus Nature Club)	Dr. Rakshanda Hani (IQAC Coordinator)
Dr. Farzana Chandiyala (Technical Expert)	Prof. Akhtar Shaikh (Coordinator)	Dr. Sirajuddin Chougale (Principal, Maharashtra College)
Dr. Vinda Manjramkar (IQAC Coordinator, B.N. Bandodkar College)	Dr. Moses Kolet (Principal & HOD Dent of EVS, B.N. Bandodkar College)	

WHY SEA FORTS

Sea Forts were a primary defense mechanism in against enemy invasions from Sea Route, and had been so since ancient times.

The Builders
In Maharashtra Forts have been build by
Sidi's
Adilshah of Bijapur
Maratha's
Portuguese
Peshwa's

Farzana C ***



Dr. C (Guest)

- A talk on occasion of Wildlife Day dated 03/03/2022:

Name of the activity	A talk on occasion of Wildlife Day		
In collaboration with	Dept. of History		
Objectives of the activity	To raising awareness of the world's wild fauna and flora so to get this awareness among our students.		
Brief description of activity	A TALK on India's wildlife by Dr. Jayashree Menon of Biology Dept, Junior College and Screening a short documentary on Natural History on Online Platform of Microsoft Teams.		
Date	03/03/22		
Class/participant/level	All Jr College and UG Students		
Number of participants/beneficiaries	Male = 4	Female = 8	Total = 12





- International level webinar on occasion of "International Day for Action of Rivers-2022" dated 14/03/2022:

Name of the activity	International level webinar on occasion of "International Day for Action of Rivers-2022"		
Date and Time:	14 th March 2022		
Objectives of the activity	To celebrate the International Rivers Day-2022. To raise awareness about limited freshwater resources and their importance. To raise public awareness about Natural & anthropogenic challenges faced by the Himalayan rivers and strategies that are being utilized for Himalayan rivers conservation and protection		
Brief description of activity	Dr. Nishikant Gupta, a well-known international researcher from the University of the West of England(UWE-Bristol), United Kingdom, was invited to deliver the lecture (online) because of his contribution to river conservation. He gave a lecture titled " Water Management in the Hindu Kush Himalayas"		
Date	14 th March 2022		
Class/participant/level	Participants across the globe		
Number of participants/ beneficiaries	Male = 34	Female = 128	Total = 162



Khairul Islam Higher Education Society's

Maharashtra College

OF ARTS, SCIENCE & COMMERCE


Ref. No. _____

Date 03/3/2022

STAFF NOTICE

On the occasion of International level webinar on occasion of "International Day of Action of Rivers, 14th March 2022, the Department of Zoology will host an **International level webinar** on "Water Management in the Hindu Kush Himalayas" by **Dr. Nishikant Gupta**, a well-known international researcher from the **University of The West Of England (UWE-Bristol)**, United Kingdom. The program's committee members & duties are listed below.

Dr. Ugeshkumari Singh (Program Convener)
Dr. Arshad Ali Haider (Committee Member)
Dr. Zeenat Surve (Committee Member)
Dr. Sachin Gosavi (Program Coordinator)


(HOD, Zoology)


(Principal)

246-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 008.

TEL : 2308 1664 / 2308 1665 • FAX : 2309 2248

Website : www.maharashtracollege.org • E-mail : prin.maharashtracollege08@yahoo.com



International Level Webinar On

Water Management in the Hindu Kush Himalayas

On The Occasion of

International Day of Action For Rivers-2022

14th March 2022 @ 4.00 PM



Dr. Nishikant Gupta

University of the West of England
(UWE-Bristol), United Kingdom

FREE!

REGISTRATION

• **KEY ASPECTS OF THE WEBINAR**

- Natural & anthropogenic challenges faced by the Himalayan rivers
- Strategies that are being utilized for Himalayan rivers conservation and protection.


• **WHO CAN ATTEND?**

- UG, PG students & Research Scholars
- Faculties from various Science departments

• **HOW TO ATTEND?**

- Registration FREE (link)
- Using Microsoft teams platform



Registration link  <https://forms.gle/7bNggJn5WogUcftpw8>

ORGANIZER

Dept. of Zoology,
Maharashtra College of Arts, Science and Commerce, Mumbai- 400008

#E-certificate will be provided to all the participants



Contact
7400282800



Khairul Islam Higher Education Society's

Maharashtra College **OF ARTS, SCIENCE & COMMERCE**

Ref. No. _____

Date 14/02/2022

To,
Dr. Nishikant Gupta,
Visiting Research fellow,
University of the West of England (UWE-Bristol),
United Kingdom.

0/0

Subject: Invitation as a Guest Speaker for the International Webinar

Respected Dr. Nishikant,

Greeting!!!

On behalf of Department of Zoology, Maharashtra College of Arts, Science and Commerce, Mumbai, we would like to invite you as a "Guest Speaker" for International webinar on the occasion of "International Day of Action for Rivers-2022", scheduled on Monday, 14th March 2022 at 4.00 P.M. (Online platform — Microsoft Teams). We would appreciate it if you could share your expertise about "Water Management in the Hindu Kush Himalayas" with academics, researchers, and students from various Indian and foreign universities. Your knowledge would be an excellent addition to the program.

Kindly accept our invitation and grace the occasion. Please do not hesitate to contact us if you have your queries.

Looking forward to hearing back from you.

Thank you,

Yours faithfully,

(Head, Department of Zoology)



(Principal)

245-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 008.

TEL : 2308 1664 / 2308 1665 • FAX : 2309 2248

E-mail : info.maharashtracollege@gmail.com

- **WORLD WATER DAY**

Name of the activity	A National Webinar on Effective methods of water conservation		
In collaboration with	IQAC		
Objectives of the activity	To create awareness in water conservation initiatives		
Brief description of activity	A National Webinar was organized on the occasion of world water day to impart the knowledge about effective methods of water conservation. Mr. Rais Ahmed Pate, a social activist was the resource person and he spoke in detail the present with water and the future without water, if not used judiciously.		
Date	22/03/22		
Class/participant/level	All Jr College and UG Students		
Number of participants/beneficiaries	Male = 39	Female = 80	Total = 119

K.J.S.O. Society's
MAHARASHTRA COLLEGE OF ARTS, SCIENCE AND COMMERCE
 & Dr. Rafiq Zakaria Centre for Post Graduate Studies and Research
 (Affiliated to University of Mumbai)
 Reaccredited B++ by NAAC
 246 – A, Jahangir Boman Behram Marg, Mumbai - 400008

SARUS NATURE CLUB and IQAC
 Organize a National Webinar on
"Effective Methods of Water Conservation"
 on the occasion of **World Water Day - 2022**

FREE!
REGISTRATION

Registration Link ➡ <https://forms.gle/PFpA2M1tiWAtzjiF9>

Date: 22 / 03 / 2022
Time: 3:00 - 4:00 PM

Mode: Online
Platform: MS Teams

Mr. Raies Ahmed Patel
 Social Activist and Environment Consultant,
 Jamia Islamia Ishatul Uloom, Akkalkuwa

E-certificates will be issued to all registered participants.

Dr. Poonamlata Yadav Program Coordinator
Dr. Jayashree Menon Secretary, SNC
Dr. Nilima Dixit Chairperson, SNC
Dr. Rakshandah Hani IQAC Coordinator
Dr. Sirajuddin Chougale Principal



پانی کا عالمی دن 1993ء سے ہر سال 22 مارچ کو منایا جاتا ہے۔ یہ دن پانی کی اہمیت پر مرکوز ہے اور پانی کے عالمی بحران سے غصے کے لیے اقدامات کرنے کے بارے میں ہے۔ لہذا پانی کے تحفظاتی اقدامات کے بارے میں بیداری پیدا کرنے کے لیے، KIHES کے مہاراشٹر کاؤن آف آرٹس سائنس اینڈ کامرس میں سانس نیچر کلب اور IQAC نے ایک سماجی کارکن کے ذریعہ "پانی کے تحفظ کے موثر طریقے" کے موضوع پر ایک قومی ویبینار کا انعقاد کیا۔ آبی تحفظ کے ماہر مسٹر ریکس احمد خیل کو اس ویبینار میں بطور مہمان مقرر ہو گیا۔ یہ ویبینار 22 مارچ 2022ء کو 3.40 PM تک آن لائن پلیٹ فارم ایس ایم ایس ٹیم پر پیش کیا گیا۔ پروگرام اور ڈسکشنز ڈاکٹر پی ایم ڈی اے نے سب کا خیر مقدم کیا اور پورے ویبینار کی موثر طریقے سے نگہداشت کی۔ سانس نیچر کلب کی چیئر پرسن ڈاکٹر انجینیریا واکت نے اس کی اہمیت پر روشنی ڈالی۔ پرنسپل ڈاکٹر سرانجی ادینجن جو گلے نے پانی کے تحفظ کی اہمیت کے بارے میں اظہار خیال کیا اور بتایا کہ کس طرح مہاراشٹر کاؤن جرس میں نصب ایک کاؤن میں نافذ کیے گئے تحفظ کے اقدامات پر ایک ویڈیو جاری کیا۔ ڈاکٹر لیٹا پرجمو نے مہمان مقرر کا ایک تفصیلی تعارف پیش کیا اور بتایا کہ اسے وسطی اوراب ہندوستان میں اپنے دور میں مختلف بیداری پروگراموں کے ذریعے کیسے حاصل کیا گیا۔ پھر ڈاکٹر مسٹر کے سوالات کا خوبصورت و تکنیکی بخش جواب دیا۔ اخیر میں پروفیسر اختر علی نے سب کا شکریہ ادا کیا۔ پورے ویبینار کی عملیں



- E-PLEDGE ON EARTH DAY



Name of the activity	E-Pledge on occasion of Earth Day		
In collaboration with	--		
Objectives of the activity	To protect the environment and biodiversity		
Brief description of activity	National level E- Pledge		
Date	22/04/21		
Class/participant/level	Jr College and UG Students		
Number of participants/ beneficiaries	Male = 26	Female = 74	Total = 100



• **NATIONAL LEVEL E-QUIZ ON ENVIRONMENTAL DAY**

Name of the activity	National level E-Quiz on Environmental Awareness on Environmental day		
In collaboration with	IQAC		
Objectives of the activity	<ul style="list-style-type: none"> • To encourage and enhance the knowledge • To provide participants a good platform where students could gain & explore environmental knowledge especially in the Covid 19 Pandemic Lockdown. 		
Brief description of activity	The E-Quiz consisted 20 MCQs on awareness of Environment and minimum 60% marks were required to obtain digital certificate of excellence which were mailed on their registered email ID.		
Date	05/06/21		
Class/participant/level	All Jr College and UG Students		
Number of participants/beneficiaries	Male = 248	Female = 326	Total = 574

KHAIRUL ISLAM HIGHER EDUCATION SOCIETY'S
MAHARASHTRA COLLEGE OF ARTS, SCIENCE AND COMMERCE
 DR. RAFIQ ZAKARIA CENTRE FOR POST GRADUATE STUDIES AND RESEARCH
 NAAC RE-ACCREDITED B++
 246-A JAHANGIR BOMAN BEHRAM ROAD MUMBAI 400008

SARUS NATURE CLUB & IQAC

Organizes **NATIONAL LEVEL ONLINE ENVIRONMENTAL AWARENESS QUIZ** on the occasion of **WORLD ENVIRONMENT DAY**.

Date: 5th June 2021.

Registration Fee: Nil.

Participant who scores minimum 60% will be provided with "Certificate of Excellence"
 Form Link with registration details and Questions is attached with this Flyer

Dr. Nilima Dixit
Coordinator, SNC

Dr. Rakhshandah Hani
IQAC coordinator

Dr. Sirajuddin H. Chougale
Principal

Ansari Mohammed Umair
Quiz In Charge



Khairul Islam Higher Education Society's

Maharashtra College

OF ARTS, SCIENCE & COMMERCE

Ref. No. _____

1st June 2021

NOTICE
SARUS NATURE CLUB

Date _____

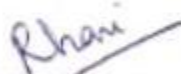
E-QUIZ-Environmental Awareness

Sarus Nature Club in collaboration with IQAC of Maharashtra College takes the pride of conducting an online National level Quiz Competition on 5th June 2021 on the occasion of World Environment Day. The main objective of the Competition is to encourage and enhance the knowledge and also provide participants a good platform where they can gain & explore environmental knowledge especially in the Covid 19 Pandemic Lockdown.

The Quiz consists of 20 MCQs on Environment and minimum 60% marks are required to obtain digital certificate of excellence which will be mailed on the registered email ID.

The Link for the E-Quiz will be shared on all different groups of Whatsapp and Telegram and will be active only on 5th June 2021. There will not be any fee for registration.

For queries regarding E-Quiz, kindly contact our active student coordinator & Quiz In charge – Ansari Mohammed Umair (7021375930) and Dr. Nilima Dixit (9820308633).


Dr. Rakshanda Hani
Coordinator, IQAC


Dr. Nilima Dixit
Chairperson
Sarus Nature Club


PRINCIPAL

245-A, JEHANGIR BOMAN BEHRAM ROAD, MUMBAI - 400 008.

TEL : 2308 1664 / 2308 1665 • FAX : 2309 2248

Website : www.maharashtracollege.org • E-mail : prin.maharashtracasc08@yahoo.com

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- Ramp facility at the entrance of the building.



- Lift facility with signage for visually challenged stake holders of the institution.

