



community or city. WWF-India will provide mentorship, support and guidance for the implementation of the project.

At the beginning of the academic year, a workshop for the nominated youth representatives and teacher convenor will be organized for all participating colleges. The workshop will include an in depth education on the theme of the year through movie screenings, expert talks and various interactive activities. It will include assisted brainstorming session with the youth representatives on project development, including areas and communities to be targeted, operational requirements, involvement of all students etc.

Once the projects are finalized and approved by WWF-India, WWF-India will provide mentorship and will review progress of the projects through review meetings. At the end of the academic year, national level summit will be organized, where the best projects will be recognized through a trophy, certificates, and goodies.

## ROLES AND RESPONSIBILITIES

### Participating college/Institution:

1. College will be responsible to nominate four youth representatives. This is a pre-requisite for activation of college membership.
2. College shall nominate a teacher convenor as a point of contact to coordinate Echo activities within a college and with WWF-India.
3. College shall be responsible for ensuring participation of nominated youth and teacher convenor in the workshop.
4. College shall be responsible for ensuring administrative permissions and smooth running of the program.
5. The college shall ensure participation of nominated youth and teacher convenor in the National Summit

### WWF-India:

1. Conduct echo forum for nominated youth
2. Provide mentoring support during the course of project implementation
3. Provide volunteering opportunities to registered students in various WWF-India projects
4. Review the progress and provide feedback on a bi-monthly basis to the youth representatives
5. Organize National level summit
6. Provide participation certificates to nominated student representatives



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TRUE COPY

Principal



Ramji Jhunjhunwala College,  
Chhatrapati (W), Mumbai-400086.

Mr. Arvind Wable, President  
Mr. N. Kumar, Vice President & Trustee Treasurer  
Mr. Jamshyd N. Godrej, Trustee  
Mr. Arun Maira, Trustee  
Ms. Chanda Singh, Trustee  
Ms. Mridula Ramesh, Trustee  
Mr. Anil Kumar V Epur, Trustee




WWF India Secretariat,  
Pirojsha Godrej National  
Conservation Centre  
172-B, Lodi Estate,  
New Delhi-110 003  
India

Tel: +011-41504814/  
Fax: +011-41504779  
www.wwfindia.org

|   |  |
|---|--|
| On Behalf of <b>WWF-India</b><br><br>Name of the authorized signatory:<br>Designation:<br><br>Signature with seal:<br>Date: | On behalf of (Name of College)<br><i>Dr Himanshu Dawda</i><br>Name of the authorized signatory:<br>Designation: <i>V/c Principal</i><br><br>Signature with seal:<br>Date: <i>7/10/2020</i><br><br><br><b>PRINCIPAL</b><br><b>RAMNIRANJAN JHUNJHUNWALA COLLEGE</b><br><b>GHATKOPAR, MUMBAI-400 086.</b><br><br> |
|---|--|



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TRUE COPY**

  
**Principal**  
**Ramniranjan Jhunjhunwala College,**  
**Ghatkopar (W), Mumbai-400086.**

Mr. Arvind Wable, President  
Mr. N. Kumar, Vice President & Trustee Treasurer  
Mr. Jamshyd N. Godrej, Trustee  
Mr. Arun Maira, Trustee  
Ms. Chanda Singh, Trustee  
Ms. Mridula Ramesh, Trustee  
Mr. Anil Kumar V Epur, Trustee



WWF India Secretariat  
 Pirojsha Godrej National  
 Conservation Centre  
 172-B, Lodi Estate,  
 New Delhi-110 003  
 India

Tel: +011-41504814/  
 Fax: +011-41504779  
 www.wfindia.org

**Letter of Understanding B/w WWF-India and Hindi Vidya Prachar  
samiti's Ramniranjan Jhunjhunwala College**

**ABOUT WWF-INDIA**

WWF-India is one of India's leading conservation organizations with programmes and projects spread across the country. The organisation works towards the conservation of biodiversity, natural habitats and the reduction of humanity's ecological footprint. The mission of WWF-India is to stop the degradation of the earth's natural environment and to build a future in which humans live in harmony with nature.

**ABOUT ENVIRONMENT EDUCATION**

Environment Education has been a core part of WWF India's conservation efforts since 1969. The division's vision is to inform, inspire and empower children, youth and citizens to take action for a sustainable planet. Its three-pronged strategy focusses on building environmental awareness and knowledge; developing requisite capacity and skills; and enabling action for conservation and sustainability.

The five education programmes are currently running in 16 states across India, taking within its purview all members of the society across all age groups.

**ABOUT ECHO**

WWF India engages youth enrolled in universities/colleges to ideate, design, develop and implement their conservation projects around a yearly theme to address the most pressing environmental issue.

Echo provides a platform and WWF-India harnesses their energy and intent by working closely with youth by giving them direction, knowledge, know-how, skills. Echo is a programme for the youth and by the youth. It gives them freedom to decide what they wish to do, how they want to do. Under this programme, we identify driven and motivated students through partnerships with colleges and universities and provide them with the training they need to design and implement solutions for a specific environmental challenge. The theme for the Echo programme is aligned with the Sustainable Development Goals (SDGs) and focuses on most pressing environmental issue of the year.

At the end of the academic year, projects are reviewed and evaluated against set parameter in a state elimination round and selected colleges are provided a chance to showcase their projects at the national level summit. A panel of jury reviews the projects, which are presented by student representatives, and the college with maximum impact is recognized with the title of "Environment Conservation Hero of the Year".

**THE ACTIVITY**

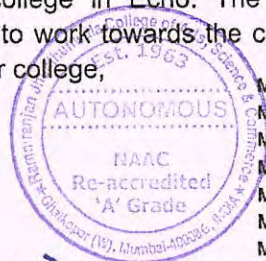
WWF-India in partnership with the registered college will launch Echo for engagement of students enrolled in the college, through a year-long membership for the students. Each college will nominate one teacher convenor and four youth representatives to lead and represent the respective college in Echo. The nominated youth representatives will work towards engaging other youth in the college to work towards the conservation action project under the theme and help resolve an environmental issue in their college,

- Mr. Arvind Wable, President
- Mr. N. Kumar, Vice President & Trustee Treasurer
- Mr. Jamshyd N. Godrej, Trustee
- Mr. Arun Maira, Trustee
- Ms. Chanda Singh, Trustee
- Ms. Mridula Ramesh, Trustee
- Mr. Anil Kumar V Epur, Trustee

**Certified as  
TRUE COPY**

*[Signature]*  
Principal

**Ramniranjan Jhunjhunwala College  
Ghatkopar (W), Mumbai-400036.**



*[Signature]*  
17/9/2021



# R. J. COLLEGE of Arts, Science & Commerce (AUTONOMOUS)

(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA.

Website: www.rjcollege.edu.in Email: rjcollege@rjcollege.edu.in Tel No: +91 22 25151763 Fax No: +91 22 25150957

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI II NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

## REPORT OF THE ACTIVITY CONDUCTED UNDER MOU OF HINDI VIDYA PRACHAR SAMITI'S RAMNIRANJAN JHUNJHUNWALA COLLEGE AND WWF INDIA SECTRETERIATE

Under the MOU WWF activities in relation to environmental awareness were conducted. They conduct workshop and students make proposal to create an idea that will better our environment

As a part of the ECHO ( Environment Conservation Heroes) students attend a workshop to understand the theme of ECHO " Change the Way We Consume Food"

Students who participated and conducted various activities under the project

### Names of students from our college:

1. Ms Nikita Vyas S Y Biotech
2. MS Neelam Bhattarai S Y Biotech
3. Ms Vaishnavi Menon T Y Biotech
4. Mr Shivam Nikam T Y Biotech

Teacher Coordinator Ms Jasvinder Kaur

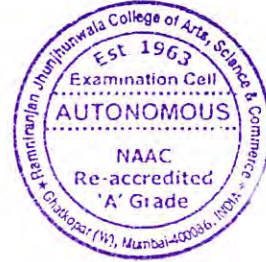
Forum and Orientation 15<sup>th</sup> and 16<sup>th</sup> October 2020

Participation in Quiz organised by WWF The Topic Natures Free Services -#DYK what and how nature provides for you and other creatures on the plant? October 13,2020 Online

Our group submitted the project and the final impact report and presented it the same is also enclosed.

  
Principal

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OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA



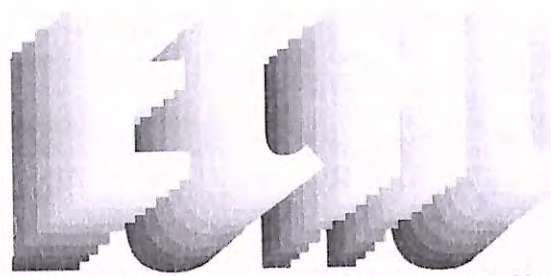
2019: Star College Status by DBT

2008: Best College by University of Mumbai 2010: IMC RBNQ Award 'Performance Excellence' for the year 2009

2011: 'Best Teacher Award' by Government of Maharashtra 2013: DST-FIST 2014: DBT STAR College

2013 & 2014: 'Jagar Jaanivancha Award' by Govt, of Maharashtra 2016: ISO 14001:2015 2016: ISO 9001:2015 2017: ISO 27001:2013

2018: Autonomous Status by University Grants Commission (No. F. 22-1/2018(AC) - 28.05.2018) & by University of Mumbai (No.Aff./ICD/18-19/440 - 08.06.2018)



Building Environment Conservation Heroes



## FINAL IMPACT REPORT 2021

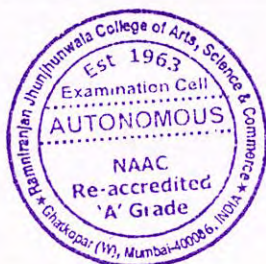
|                           |  |
|---------------------------|--|
| Name of the college:      | HVPS's Ramniranjan Jhunjhunwala College    |
| Teacher convener:         | Mrs. Jasvinder Kaur Kaushal                |
| City/state:               | Mumbai/Maharashtra                         |
| Name of reporting person: | Neelam Bhattarai                           |
| Mobile no. & email:       | 9004462601 / neelam.bhattarai121@gmail.com |

### 1. About your Echo Project

- a) Introduce your project journey in brief. Share your experience from ideation of the project idea to its implementation. What are the key learnings? Highlight your top three best achievements or outcomes (150 words)

The journey started with all the insightful ideas we found at the introductory seminars for ECHO 2020-2021. Right from the problems faced, to their solutions (including online and offline ones), we were determined to do one thing for sure- Detect a problem which is not much talked about, create awareness among the youth, and find a unique solution which is environmentally and economically sustainable. With tremendous numbers of brainstorming sessions, we came to the conclusion that our project targets "Hidden Hunger" (Malnutrition caused by deficiencies of vitamins and minerals). For implementing our Project we decided to collaborate with Anganwadi (Child Care Centre) where we selected the age group of 5-8 yrs having 20 children in the group and took their diet recall. We listed various parameters right from their heights to the spots on their body that come under Anthropometric Measurements. Based on the observations, we decided Meals under "Hexa Health" which could meet their lacking deficiencies. The major learnings were:

- 1) Effect of Micronutrient deficiencies in different physiological aspects of Child growth and development.
- 2) Children could receive a healthy diet that would target the deficiencies.
- 3) Differences could be seen with respect to their physiology.



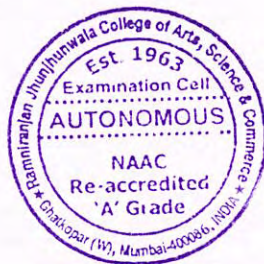
  
**PRINCIPAL**  
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 OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
 Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA

b) What were/are the key environmental issues that your Echo project addressed? (100 words)

The project was undertaken with the goal of meeting certain environmentally concerning practices in mind, and the idea was to curb those down or at least minimize those to a remarkable extent. The key problem we tried to solve was packaging waste(plastic waste). Since it is a tribal setup, finding trees bearing leaves of all different shapes and sizes was easy. That is when the idea of making leaf plates for serving meals popped up, which also could be degraded further to make Bio composting. The leaf plates were used by the kids and they were also educated about different methods like waste segregation, biocomposting, through posters and are also planning to teach them these processes hands-on.

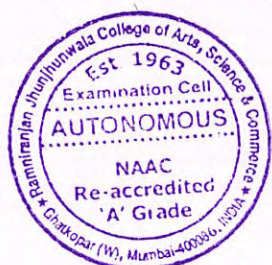
c) Which SDGs did you address through project activities? Highlight the key activities that contributed to the SDGs under your project. (150 words)

The project addressed sustainable development goal number 2 and 3, ie. Zero Hunger (End hunger, achieve food security and improved nutrition and promote sustainable agriculture) and Good Health and well-being (Ensure healthy lives and promote well-being for all at all ages). Under goal 2 our project carried out activities like microgreens and composting. We planned and prepared a nutritionally enhanced meal plan for the kids in Anganwadi (5 to 8 years). We taught kids in Anganwadi through posters the importance of nutritious food and sustainable agriculture along with waste segregation and composting.



  
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| How will you rate your Echo Project?  |                     |   |
|---|---------------------|---|
|   | Tick as appropriate | Justify in brief  |
| The Project idea is generic and has multiple ideas to address the theme of Echo 2021  | ✓                   | Samriddham Aaharam(SA) has a unique, one of its kind approach towards tackling micronutrient deficiency.  |
| Project idea has a specific idea/solution which is not generic  |                     |   |
| We innovated this project idea. It is unique, conceptualized by our team and directly addresses the theme of Echo 2021          | ✓                   | SA is a brainchild of our student representatives and it targets the "improved nutrition" part of the SDG.2 ; likewise other supplementary activities address sustainable agriculture and promoting well being. |
| <b>Do you think your Echo project is replicable and scalable? Tell us which criteria does your project fit the best.</b>        |                     |   |
|   | Tick as appropriate | Justify in brief  |
| Project is adaptable and can be replicated in other parts of the country  | ✓                   | The project does not have any prerequisite demands and does not require any kind of specialized skills and any kind of expense. Yes the project can be duplicated in other parts of the country as well.        |
| Project is specific to the target population and can be replicated to the areas where the specific target population is present | ✓                   | Project is restricted towards the age group of growing children (5-8yrs) in the Anganwadi which is our main target. Also, the project can be effortlessly replicated in the areas where Anganwadi is located.   |
| Project is too dependent on local factors and depends on the resources available locally only hence, and cannot be scaled up    |                     |   |
| <b>Did your Echo project have a clear Impact ? Tell us more</b>   |                     |   |



  
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|   |  |   |
|---|--|---|
| Is the Impact of your project clearly measurable  | Yes/No   | Justify in brief  |
| No. of people engaged (directly and indirectly both)  | Direct engagement= 35<br>Indirect engagement= 1773       | Professors, Students and people through online campaigns.   |
| What is the impact of your project in terms of outreach   | Created Instagram and Facebook pages and reached people. |   |
| <b>How sustainable do you think your Echo project is?</b>   |  |   |
|   | <b>Tick as appropriate (multiple selection allowed)</b>  | <b>Justify in brief</b>   |
| We have developed a project implementation plan to continue the project for at least one year   | ✓  | The plan is to have a different set of meal plan for another age group of kids.                                       |
| The project is financially sustainable  | ✓  | The Project does not require funds or expense by any governmental authority and it could be carried ahead on its own. |
| The project has a strong business model and it has a good scope for fund raising through CSR  | ✓  |   |
| <b>Is your project Environmentally sustainable?</b><br><b>Can the project progress in the resources available within the environmental limits</b><br>(Keep these points in mind when you frame your response:<br>1. <i>does the business model enable absolute decoupling of economic growth from environmental damage?</i><br>2. <i>Does it rely on nature providing materials or services for free?</i><br>3. <i>Does it rely on unfair terms of trade?</i> ) | Yes/No   | Describe briefly  |
| <b>Briefly describe any other initiatives taken</b>   |  |   |
| The initiatives taken , apart from the nourishing meals was an online Poster making competition to create awareness among the youth about topics like Biocomposting, waste management and segregation, etc.   |  |   |



  
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**Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA**



**Share Social media channels of your project, if any**

*Tell us about how many followers do you have for each handle?*

We have 58 followers in total (instagram and facebook)

*What kind of posts/ stories did you post on your handles?*

We spread awareness through our posts on sustainable goals, sustainable agriculture, promoting awareness about the consumption of local food.

*What is the profile of your followers?*

Students and Professors.

**Did you receive any media coverage, if yes, share the screenshots or link to articles**

No.

**2. Challenges**

List the challenges that you have encountered during your project. Looking back, what would you do differently?

The fundamental challenge that we faced throughout our task of project implementation was this unprecedented pandemic, because of which we could not devise the project as far as the timeline we had decided in mind. Another major obstacle which we encountered was developing the meals for children keeping in mind that children are very meticulous about the taste and appearance of the meal. When we look back at our journey of project implementation, the foremost thing which we would have done was developing our own product that comprised all the essential nutrients and could have added to their meals in the form of supplements which would have biofortified their meals.

**3. Way forward**

How do you wish to continue your project? Share your ideas and vision with

We will take another group of kids with raised age and plan a different set of meal plans with respect to the deficiencies observed.

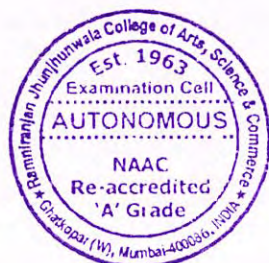
**4. Introduce your team**

Who comprised your team? Share brief introduction (1-2 sentences) to each of your team members (pictures can be included)

Neelam Bhattarai: An ambivert with a lot to say, a lot to share and a lot to learn :)

Nikita Vyas: An Enthusiastic student, nemophilist and zoophilist. Believes that small steps everyday can lead to a Big Change.

Vaishnavi Menon: A motivated and persevering future leader, I believe in compassion and peace for all living beings equally.

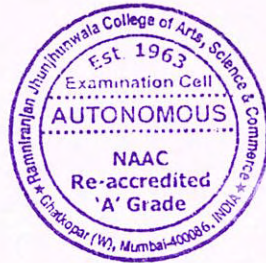



  
**PRINCIPAL:**  
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OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA

Shivam Nikam: A biotechnology enthusiast with concerns for biodiversity conservation.

Name of Core team members with email and mobile no. (Please mention the name of four core team members only)

- 1) Neelam Bhattarai- [neelam.bhattarai121@gmail.com](mailto:neelam.bhattarai121@gmail.com) ; Phone: 9004462601
- 2) Nikita Vyas - [nikitavyas911@gmail.com](mailto:nikitavyas911@gmail.com) ; Phone: 8779115394
- 3) Vaishnavi Menon- [vaishu.menon123@gmail.com](mailto:vaishu.menon123@gmail.com) ; Phone: 9920027486
- 4) Shivam Nikam - [shivnike17@gmail.com](mailto:shivnike17@gmail.com) ; Phone: 9594499773



  
PRINCIPAL  
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OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
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College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)



## CERTIFICATE OF REGISTRATION

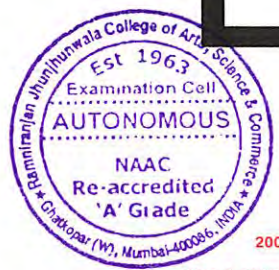
This is to certify that

Hindi Vidya Prachar Samiti's  
Ramniranjan Jhunjhunwala College, Mumbai  
is registered for

**World Wide Fund for Nature- India's**  
**Echo – Building Environment Conservation**  
**Heroes Programme 2020 - 2021.**

The affiliation is valid for a period of nine  
months from October 2020 to June 2021.

**Radhika Suri**  
Director,  
Environment Education  
WWF- India



2019: Star College Status by DBT  
2008: Best College by University of Mumbai 2010: IMC RBNQ Award 'Performance Excellence' by Government of Maharashtra  
2011: 'Best Teacher Award' by Government of Maharashtra 2013: DST-FIST 2014: DBT STAR College  
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OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
Ghatkopar (W), Mumbai-400086, Maharashtra, INDIA



# ECHO

BUILDING ENVIRONMENT CONSERVATION HEROES

## *Certificate of Participation*

*awarded to*

*Vaishnavi Menon*

*for participating in*

*Echo- Building Environment Conservation*

*Heroes programme 2020-2021.*

Mr. Ravi Singh  
Secretary General & CEO  
WWF - India

Ms. Radhika Suri  
Director, Environment Education  
WWF - India



  
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Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA



# ECHO

BUILDING ENVIRONMENT CONSERVATION HEROES

## *Certificate of Participation*

*awarded to*

*Shivam Nikam*

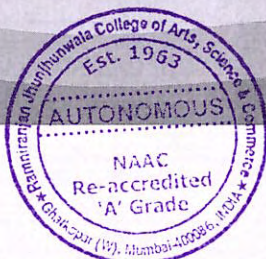
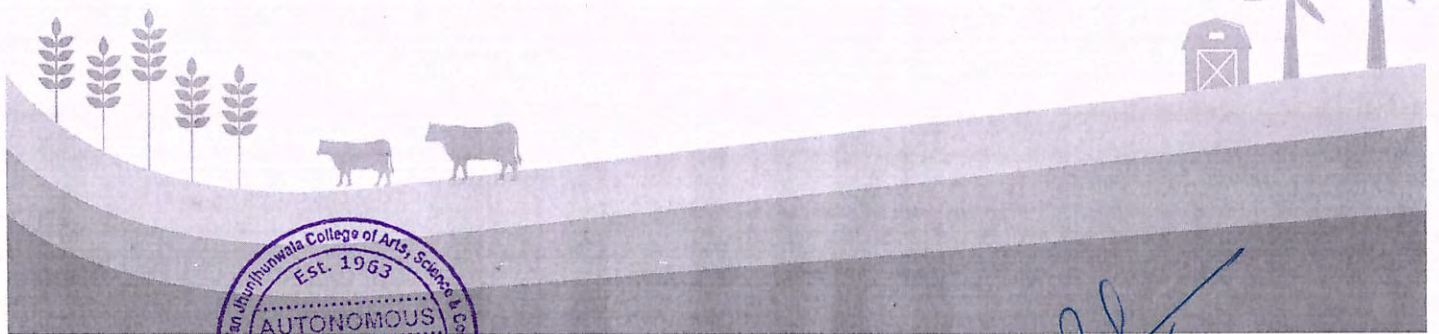
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Mr. Ravi Singh  
Secretary General & CEO  
WWF - India

Ms. Radhika Suri  
Director, Environment Education  
WWF - India



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# ECHO

BUILDING ENVIRONMENT CONSERVATION HEROES

## *Certificate of Participation*

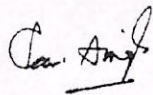
*awarded to*

*Nikita Vyas*

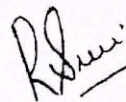
*for participating in*

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*Heroes programme 2020-2021.*



Mr. Ravi Singh  
Secretary General & CEO  
WWF - India



Ms. Radhika Suri  
Director, Environment Education  
WWF - India



  
**PRINCIPAL**  
RAMNIRANJAN JHUNJHUNWALA COLLEGE  
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
Ghatkopar (W), Mumbai-400 086, Maharashtra.



# ECHO

BUILDING ENVIRONMENT CONSERVATION HEROES

## *Certificate of Participation*

*awarded to*

*Neelam Bhattarai*

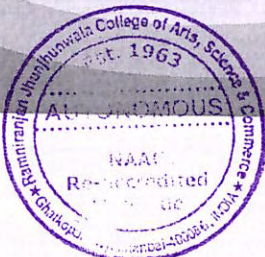
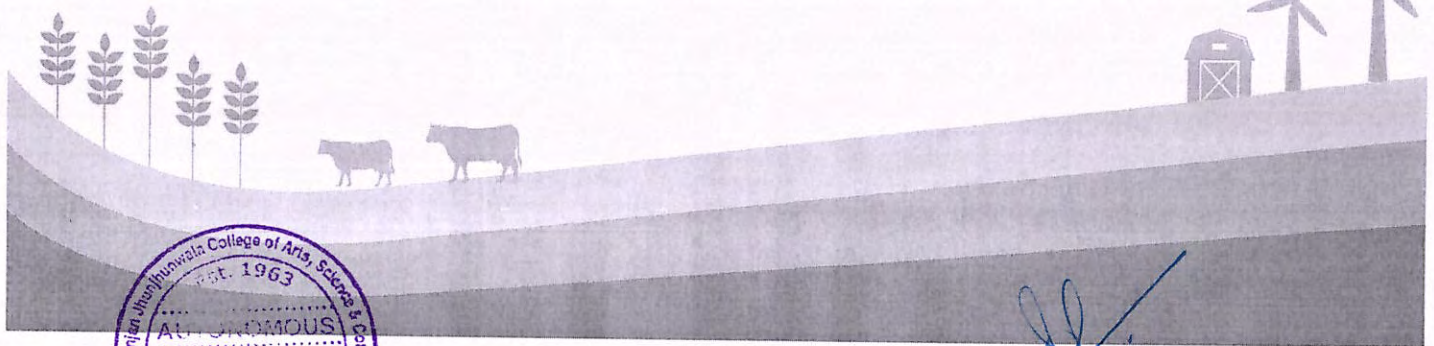
*for participating in*

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*Heroes programme 2020-2021.*

Mr. Ravi Singh  
Secretary General & CEO  
WWF - India

Ms. Radhika Suri  
Director, Environment Education  
WWF - India



PRINCIPAL  
RAMNIRANJAN JHUNJHUNWALA COLLEGE  
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA



# ECHO

BUILDING ENVIRONMENT CONSERVATION HEROES

## *Certificate of Participation*

*awarded to*

***Jasvinder Kaushal,***

***Ramniranjan Jhunjhunwala College***

*for participating in*

***Echo- Building Environment Conservation***

***Heroes programme 2021.***

Mr. Ravi Singh

Ms. Radhika Suri