

தமிழ்நாடு பள்ளிக் கல்வி ஆணையரக இணை இயக்குநரின் (நாட்டுநலப் பணித்திட்டம்)
செயல்முறைகள் சென்னை-6.

ந.க.எண்.024534/எம்/இ2/2023, நாள்: 18.05.2023

பொருள் : பள்ளிக் கல்வி - தமிழ்நாடு மாசுக் கட்டுப்பாட்டு வாரியம்-
27.05.2023 முதல் 31.05.2023 முடிய இணையதளத்தில்
ஒரு வார காலம் Hackathon - சுற்றுச் சூழல் தீர்வு
நடைபெறுதல் - சார்பாக.

பார்வை : 1. அரசுக் கடிதம் எண்.5635/GL1(2)/2023-1, நாள்
10.05.2023.
2. சென்னை, தமிழ்நாடு மாசுக் கட்டுப்பாட்டு வாரியத்
தலைவரின் கடிதம் நாள் 28.04.2023 மற்றும்
05.05.2023.

பார்வை 1-இல் காணும் அரசு கடிதத்துடன் பெறப்பட்ட சென்னை, தமிழ்நாடு
மாசுக் கட்டுப்பாட்டு வாரிய தலைவரின் கடிதத்தில் "Water Saved" and "SUP Reduced"
ஆகிய இரண்டு கருப்பொருளில் 27.05.2023 முதல் 31.05.2023 முடிய ஒரு வாரக் காலம்
Hackathon நடத்தப்படவுள்ளது. மாணவர்களிடமிருந்து மேற்குறிப்பிட்ட
கருப்பொருள்களில் பல்வேறு சிக்கலான சவால்களுக்கான தீர்வுகள் மற்றும் புதுமையான
யோசனைகளை தெரிவிக்கப்பட வேண்டும். வெற்றிப் பெற்ற மாணவர்களுக்கு நினைவுச்
சின்னங்கள் மற்றும் ரொக்கப் பரிசுகள் வழங்கப்படும். ஒவ்வொரு பிரிவினிற்கும் 5 பரிசுகள்
வழங்கப்படும். வெற்றியாளர்களுக்கு (05.06.2023) உலக சுற்றுச் சூழல் தினத்தன்று
பாராட்டு தெரிவிக்கப்படும் என தெரிவிக்கப்பட்டுள்ளது. எனவே மேற்கண்ட கடிதத்தில்
தெரிவிக்கப்பட்டுள்ளபடி செயல்படவும் தக்க நடவடிக்கை மேற்கொள்ளவும் அனைத்து
மாவட்ட முதன்மைக் கல்வி அலுவலர்களுக்கு தெரிவிக்கப்படுகிறது.

இணைப்பு : பார்வை-2ல் காணும் கடித நகல்

இணை இயக்குநர்,

நாட்டுநலப்பணித்திட்டம் (பொ)

18.5.23

பெறுநர்

அனைத்து மாவட்ட முதன்மைக் கல்வி அலுவலர்கள்.



School Education Department
Secretariat, Chennai-9.

024534

Letter No.5635/GL1(2)/2023-1, dated 10.05.2023

From

Tmt. K. Jeyalalitha, B.Sc.,
Deputy Secretary to Government.

To

The Commissioner of School Education, Chennai-6.(w.e.)
The Director of Private Schools, Chennai-6 (w.e.)



Sir,

Sub: School Education – Tamilnadu Pollution Control Board
has proposed to conduct a weeklong Hackathon –
Enviro Solver's Hackathon from 27.05.2023 to
31.05.2023 on online mode – for Regarding.

Ref: From the Chairperson, Tamilnadu Pollution control
Board, Chennai, email dated 28.04.2023 and
05.05.2023.

I am directed to enclose a copy of the reference cited, wherein it has been stated that, Tamilnadu Pollution control Board has proposed to conduct a weeklong Hackathon on two themes viz., "Water Saved" and "SUP Reduced" from 27.05.2023 to 31.05.2023 so as to invite solutions and innovative ideas on various challenging issues in the said themes from Students. The winners shall be awarded with mementos and cash prizes. There shall be 5 prizes for each category. The winners will be felicitated on June 5, 2023 – World Environment Day.

2. I am therefore, to request you to issue necessary instructions to the officials under your control about the weeklong Hackathon and encourage the students to participate in the above hackathon.

Yours faithfully,

S. C. R. D. S. S. S.
for Deputy Secretary to Government.

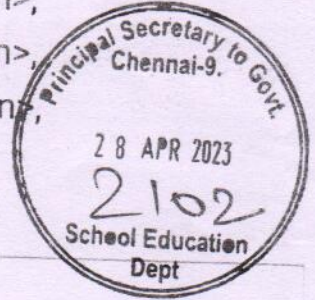
T.S.
10/5/23

TNPCCB - Invitation to participate in a weeklong Hackathon on two themes viz., "Water Saved" and "SUP Reduced" - Reg

From TNPCCB Chennai <tnpcb-chn@gov.in>

To <adisec@tn.gov.in>, <agrisec@tn.gov.in>, <ahsec@tn.gov.in>, <bcsec@tn.gov.in>, <ctsec@tn.gov.in>, <coopsec@tn.gov.in>, <enersec@tn.gov.in>, <forsec@tn.gov.in>, <finsec@tn.gov.in>, <htksec@tn.gov.in>, 29 more...

Date 2023-04-28 16:26



5635
04/05/2023

- Hackathon for Website Information Brouchure.pdf (~160 KB)
- Hackathon FAQs.pdf (~123 KB) TNPCCB Hackathon_Notification.pdf (~781 KB)
- Poster for Hackathon.jpg (~173 KB) Letter to invite participation.pdf (~410 KB)

Dear Sir/Madam,

TNPCCB has proposed to conduct a weeklong Hackathon on two themes viz., "Water Saved" and "SUP Reduced" from 27.05.2023 to 31.05.2023 so as to invite solutions and innovative ideas on various challenging issues in the said themes from Students, Research Scholars, MSMEs and Startups. The winners shall be awarded with mementos and cash prizes. There shall be 5 prizes for each category. The 1st Prize carries Rs. 3 Lakhs, 2nd Prize Rs. 2Lakhs and 3 numbers of 3rd Prizes Rs 1 Lakh each. The winners will be felicitated on June 5, 2023 - World Environment Day.

The Hackathon is expected to provide implementable and scalable solutions to the problems relating to water scarcity and single use plastic disposal. The Hackathon would also provide a platform and opportunity for students and startups to present their ideas to leaders and eminent professionals in the Government and industry and to scale up and commercialize their ideas.

We would be grateful if you could inform about this hackathon and encourage your students/employees to participate. **Please refer to the attachments to get a detailed information and timeline of the hackathon.**

If you have any questions, please do not hesitate to contact us at hackathontnpccb23@gmail.com

Thank you for your time and we look forward to your participation.

by
15/5/23
r.I



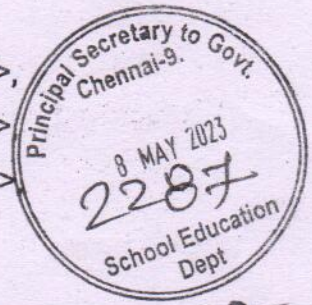
ONE EARTH - ONE FAMILY - ONE FUTURE

TNPCB - Invitation to participate in a weeklong Hackathon on two themes viz., "Water Saved" and "SUP Reduced" -Hackathon Reminder Reg

CL
DSU

-3-

From TNPCB Chennai <tnpcb-chn@gov.in>
To <adisec@tn.gov.in>, <agrisec@tn.gov.in>, <ahsec@tn.gov.in>, <bcsec@tn.gov.in>, <ctsec@tn.gov.in>, <coopsec@tn.gov.in>, <enersec@tn.gov.in>, <forsec@tn.gov.in>, <finsec@tn.gov.in>, <htksec@tn.gov.in>, 29 more...



Date 2023-05-05 14:48

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- Hackathon for Website Information Brouchure.pdf(~160 KB)
- Hackathon FAQs.pdf(~123 KB) TNPCB Hackathon_Notification.pdf(~781 KB)
- Poster for Hackathon.jpg(~173 KB) Letter to invite participation.pdf(~410 KB)

Dear Sir/Madam,

In continuous of our earlier mail dated 28.04.2023 , we are sending the Hackathon Notification again for your reference. This repeat is to ensure that no potential participant is left unnotified of the Hackathon event. Pl do the needful.

02
8/5/23
CL



TAMILNADU POLLUTION CONTROL BOARD



Dr. JAYANTHI. M, IFS.,
Chairperson

Invitation for participation in a weeklong hackathon – Enviro Solver's Hackathon (May 17-23, 2023)

Dear Sir/ Madam,

We hope this letter finds you in good health and high spirits. On behalf of the Tamil Nadu Pollution Control Board, we are inviting your esteemed institution to participate in our upcoming Hackathon as a part of mission LiFE under the themes (i) Single Use Plastics Reduced and (ii) Water Saved.

As you may be aware, the issue of Single Use Plastic waste has become a significant environmental concern, with devastating impacts on our ecosystems and public health. Similarly, water is a critical resource that is facing increased stress and scarcity in many parts of the world. In an effort to combat menace created by Single Use Plastics and impact of water scarcity, the TNPCB has taken the initiative to organize a weeklong hackathon – **Enviro Solver's Hackathon (May 17-23, 2023)** to bring together students, research scholars, professionals from across the state to find innovative solutions to these problems.

We believe that participation from your institution/ organization/ department, with its reputation for excellence and commitment to sustainability, would be an invaluable asset to our cause. We invite your students/ faculty members/ employees/ researchers/ members to join us in this important endeavor to reduce single-use plastics and save water and to create a cleaner and greener future for us all.

The initial stage of hackathon will be held on between **May 17-23, 2023**, on online mode and further upon shortlisting, the main Hackathon event will be held on **May 30th and 31st 2023**. We have started to accept applications and the links for applying will be active up to **14th May 2023**. **The application link is available on TNPCB website and the social media pages of TNPCB.** The detailed process of the hackathon along with associated timeline have been attached as a brochure.

No. 76, Mount Salai, Guindy, Chennai - 600 032. Phone : 044 - 2235 3076
Email : chairman@tnpcb.gov.in

2.

The hackathon will provide a platform for participants to showcase their skills and creativity. The winners of the competition will be awarded exciting prizes and recognition for their contribution to environmental sustainability on World Environment Day (5th June 2023).

We look forward to your participation in this important and exciting event and to work together to develop innovative solutions to the existing challenges on Single Use Plastics and Saving Water.

If you have any queries, please feel free to contact us at plastichackathon23@gmail.com

Thank you for your attention to this matter.

Sincerely,


(JAYANTHI. M)

Hackathon on Plastic Free Future and Water Saving Solutions

1 Mission LiFE

Mission LiFE (Lifestyle for Environment) was announced by the Hon'ble Prime Minister of India at the 2021 UN Climate Change Conference (UNFCCC COP26). This mission focuses in bringing individual behaviours at the forefront of the global climate action narrative. LiFE mission primarily strives to achieve replacing the 'use-and-dispose' economy, which is most widely practiced currently and characterized by thoughtless and destructive consumption, by a circular economy model, which would be defined by mindful and deliberate utilization.

The Phase I of mission LiFE mainly focuses on creating a Change in Demand by nudging individuals, communities, and institutions to practice simple environment friendly and climate conscious choices in their daily lives. A comprehensive list of actions under mission LiFE are categorized based on the outcome as follows

1. Energy Saved
2. Water Saved
3. Single Use Plastic Reduced
4. Sustainable Food Systems Adopted
5. Waste Reduced
6. Healthy Lifestyles Adopted
7. E-waste Reduced

2 Hackathon for Water and SUPs

In line with the mission LiFE, the Tamil Nadu Pollution Control Board (TNPCB) in coordination with Central Pollution Control Board (CPCB) plans to conduct a Hackathon to identify new ideas and innovations under the categories Water Saved and Single Use Plastic Reduced.

The Hackathon shall invite ideas or innovative measures to address issues relating to the two categories from Students, Research Scholars, MSMEs and Startups, which shall

provide implementable and scalable solutions to the problems relating to water scarcity and single use plastic consumption.

3 Eligible applicants

Applications shall be received from the participants based on the qualification criteria mentioned below

1. Applicants should have a minimum of a graduate degree or currently pursuing it, regardless of the stream (However, TNPCB will reserve the rights to reject or select any candidate whose proposal is exceptionally good irrespective of qualifications of the applicant/s)
2. Applicants can participate as teams or as individuals
3. Maximum size of the team shall be 3
4. Multiple nominations from individuals or teams are not allowed

The applications shall be invited from the following categories of entrants

1. Students/ Research Scholars/ Environmentalists
2. Individuals
3. Startups/ MSMEs
4. Education/ Research Institutes
5. Industries/ For-Profit and Non-Profit Organisations/ Government/ Non-Government Organisations

Participants are encouraged to submit specific and measurable ideas or concepts that provide solutions for promoting climate friendly and sustainable practices.

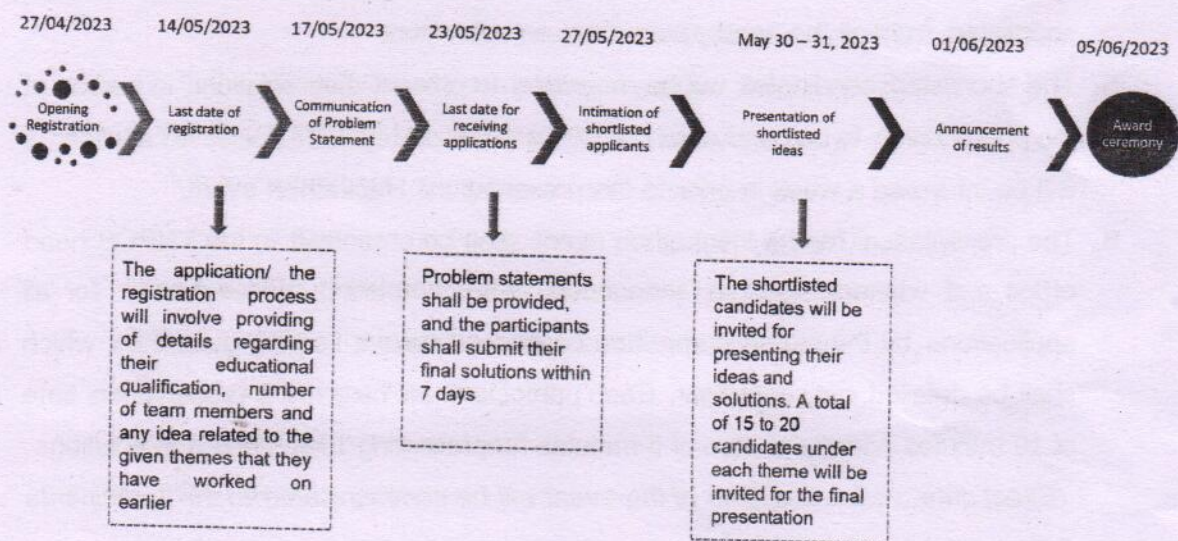
4 Application Process

The preliminary applications shall be submitted under one or both of the themes namely, SUP Reduced and Water Saved. The initial application will be submitted with eligibility requirements like Aadhar and a short note (100 words) on the selected themes. The preliminary evaluation of the applications will be done based on the short note and the eligibility of the applicant. The applications that pass the eligibility criteria will be given a

set of problem statements via email for their selected theme from which the applicants can chose a problem statement for the week-long Hackathon.

5 Timeline

The sequence of events related to the Hackathon along with tentative dates for each activity has been provided below



6 Hackathon event

1. TNPCB shall host the Hackathon and invite applications from participants across the State.

Link for initial application google form- <https://forms.gle/3dQQZKDSwQ8nHuj76>

2. The interested candidates and participants will have to apply through the online google form. The preliminary application will include details regarding their
 - a) Educational qualification
 - b) A short note on any idea/ innovation related to Single Use Plastic Reduced and Water Saved
 - c) Number of team members, other details and their age proof (preferably Aadhar card)
 - d) The project theme that the team will work towards (Plastic/ Water)

3. The received applications shall be screened to include applications that meet the eligibility criteria.
4. All the eligible applicants will receive their respective problem statements via email on the start day (17th May 2023) of Hackathon. The applicants will have to choose their problem statements from a list given for their themes. The evaluation of the ideas/ solutions/ innovations for the problem statements will be done by an internal expert committee. A total of 15- 20 participants (based on the response) will be shortlisted from all the applications that are submitted.
5. The shortlisted candidates will be requested to present their solutions in person at the presentation to be conducted on 30th and 31st of May 2023. Selected applicants will be informed a week in prior to the presentation/ Hackathon event.
6. The presentation for the Hackathon event shall be organized in the TNPCB head office and winners shall be announced after completing the evaluation for all applications by the expert committee based on relevant scoring guidelines which shall be detailed out separately. Each participant will be given a presentation time of 10 minutes and grace time of 5 minutes for presenting their ideas and solutions.
(Exact date, venue and time of the event will be communicated to the participants 5 days prior to the event)
7. The winners shall be facilitated on World Environment Day – 5th June 2023

7 Evaluation Criteria

The evaluation of ideas/ solutions/ innovations will be evaluated on the following criteria;

- a) Originality
- b) Relevance
- c) Innovation
- d) Scalability
- e) Affordability
- f) Replicability
- g) Practicability and feasibility
- h) Sustainability

8 Award Ceremony

The winners in each category shall be facilitated on World Environment Day on 5th June 2023. The participants shall be provided with certificate of participation. The winners shall be awarded with mementos and cash prizes. There shall be 5 prizes for each category (Water Saved & SUP Reduced) as mentioned below;

1. 1st Prize- Rs. 3 Lakhs
2. 2nd Prize- Rs. 2 Lakhs
3. 3rd Prize- Rs 1 Lakhs
4. 3rd Prize- Rs 1 Lakhs
5. 3rd Prize- Rs 1 Lakhs

The winners shall be featured on digital publications of TNPCB such as Meendum Manjappai website and Manjappai mobile application

1. What is a hackathon?

A hackathon is an event where people come together to collaborate and create solutions to a specific problem or challenge. Participants work in teams to develop a prototype or solution within a set time frame.

2. How do I participate in this challenge?

To participate in this hackathon, do the following:

- Register yourself or your team with Aadhaar and idea
- Please keep an eye on the announcement on the TNPCB website
- Once your idea is shortlisted, you start working on the detailed project/prototype/model/proposal
- Link for application- <https://forms.gle/3dQQZKDSwQ8nHuJ76>

3. What are all the requirements to be submitted during the registration of the hackathon?

A copy of participant's Aadhaar card and a short note on the selected themes are to be submitted to participate in the hackathon

4. What should be the size of the idea note?

There is no set template, ideally your concept note must be between 100-150 words & should provide a clear and concise explanation of the problem needs to be solved

5. What are all the themes available?

The following two themes are available, i. Water Saved, ii. Single Use Plastic Reduced

6. What is meant by the theme "Water Saved"?

Theme focuses on creating technical or technological solutions to address water conservation related issues like using water efficiently to reduce unnecessary water usage & wastage, smart irrigation, rainwater harvesting, water reuse technologies, ground water recharge, advanced technologies for water storage & hydro phoenix

7. What is meant by the theme "Single Use Plastics Reduced"?

Theme focuses on creating technical or technological solutions to reduce the usage of single-use plastics, cost-effective production methods, supply chain innovation, recycling/upcycling/disposable methods of plastic waste, sustainable plastic waste management, sustainable packaging interventions & promotion of sustainable alternatives

8. Who can participate in this hackathon?

Applicants should have a graduate degree or currently pursuing it, regardless of the stream and experience. Hackathon is open to college students, researchers,

professionals, NGOs, industries, government/public sector agencies and members of the public who are interested in sustainability and innovation.

9. What types of solutions can be developed in the hackathon?

Solutions developed in this upcoming hackathon can range from technological innovations to policy level innovations. Examples of solutions include water minimization technologies, leakage reduction programs, water supply, smart irrigation, circular economy solutions, sustainable packaging interventions, production of cost-effective alternatives to Single Use Plastics

10. How long does a hackathon last?

The participants will be provided 7 days from the date of announcing the problem statement to submit their final applications. The shortlisted applicants have to present their ideas to the expert committee.

11. What are the benefits of participating in this hackathon?

Participating in this hackathon can provide numerous benefits, including the opportunity to collaborate with like-minded individuals, develop new skills and knowledge, and create innovative solutions to sustainability challenges. Additionally, hackathons can be a great networking opportunity and can lead to new career opportunities.

12. How can I get involved in this hackathon?

To get involved in this hackathon, you can register yourself/team/company by using the Google Forms Link. You can also reach out to the hackathonnpcb23@gmail.com for any queries.

13. How are winners determined in this hackathon?

The criteria for determining winners can vary depending on the event. However, factors such as the originality, relevance, innovation, scalability, affordability, replicability, practicability & feasibility and sustainability are often taken into consideration.

14. What resources are typically provided to participants in this hackathon?

Resources provided to participants can vary depending on the event. However, common resources include access to mentors and experts in sustainability, access to data and research, and access to technology and equipment needed for prototyping and development.

15. What happens to the solutions developed in this hackathon after the event?

The solutions developed in a sustainability-related hackathon can be used in a variety of ways after the event. Some solutions may be developed further and brought to market, while others may be used to inform policy decisions or inspire further research and development.

-15-

16. How can I prepare for hackathon?

To prepare for the hackathon, it can be helpful to research the topic or challenge ahead of time and familiarize yourself with the latest trends and developments in sustainability. It can also be helpful to practice working under pressure and in a collaborative environment, as hackathons often involve working with a team to develop a solution within a limited time frame.

17. Will this hackathon be organized physically or digitally?

The hackathon will be organized physically in the TNPCB head office

18. I am individual working in a private company. Can I submit the proposal or problem statement as an individual?

No, you are not allowed to submit the proposal as an individual unless it is routed through the company.

19. When & where is the final hackathon event going to happen?

Hackathon event is going to be held in the Tamil Nadu Pollution Control Board's head office located in Anna Salai, Guindy, Chennai 600 032 on 25th May for "Water Saved" theme & 26th May for "Single Use Plastic Reduced" theme.

20. What does it cost?

It's free to attend. Please ensure to register before the deadline

21. How are the challenge solutions judged?

The solutions will be judged in 8 categories: Originality, Relevance, Innovation, Scalability, Affordability, Replicability, Practicability & Feasibility and Sustainability. More details of exactly how solutions will be judged will be made available after the proposal submission deadline is over.

22. Are there any logistics arrangements to reach the hackathon venue?

No, there is no arrangement from TNPCB side. Transportation at participant's scope.

23. What is the application process?

There are two streams of application process.

- i. Students and Scholars shall submit concept level implementable innovation
- ii. MSMEs and Startups shall showcase real time implementable solutions with minimum proof of concept addressing the respective problem statements.

24. How do I get to know if my idea is shortlisted?

The shortlisted applicants will be intimated over email and also posted on the TNPCB website

25. How can I stay informed about the event?

To stay informed about other events, you can follow Tamil Nadu Pollution Control Board's official website and social media accounts. You can also write to hackathontnpcb23@gmail.com for any of your queries.

26. What is prize money of winning team?

There shall be 3 categories,

- 1st Prize – Rs. 3 Lakhs
- 2nd Prize - Rs. 2 Lakhs
- 3rd Prize (3 nos) - Rs 1 Lakh each

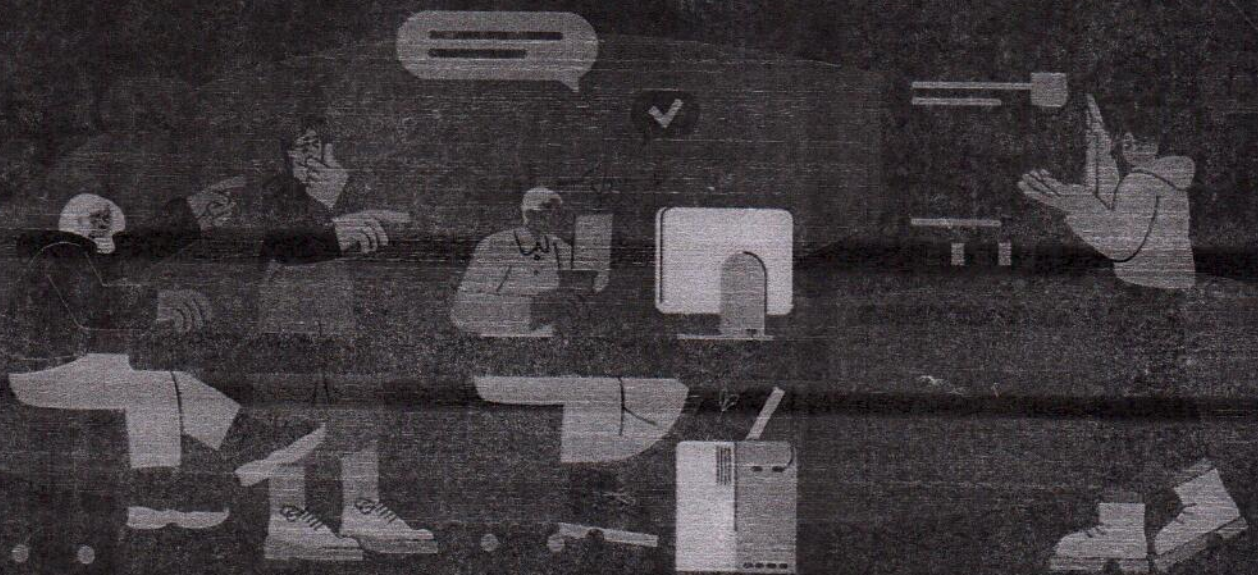
27. What is the timeline of the Hackathon?

S. No.	Task	Timeline
	Opening of registration (Registration form to be filled from the TNPCB website)	27 th April 2023 (Thursday)
	Last date of registration	14 th May 2023 (Sunday)
	Communication of problem statement via email	17 th May 2023 (Wednesday)
	Last date for receiving applications	23 rd May 2023 (Tuesday)
	Intimation of shortlisted applicants via email	27 th May 2023 (Saturday)
	Presentation of shortlisted ideas to the expert committee	30 th & 31 st May 2023 (Tuesday & Wednesday)
	Announcement of results on TNPCB website and communication over email	1 st June 2023 (Thursday)
	Award ceremony on World Environment Day	5 th June 2023 (Monday)



“Enviro-Solver’s Hackathon”

An initiative by Tamil Nadu Pollution Control Board



“Cash prizes up to 3 Lakhs
for each theme”

Inviting innovative
ideas and solutions
to crack important
problems under

**Theme 1: SUP Reduced
&**

**Weeklong
Hackathon from
17th May 2023**



A weeklong Enviro-Solver's Hackathon 2023 will be held from May 17 2023 to 23 May 2023

Problem Statement will be mailed to eligible applicants along with the submission template and link for online google form for submission

Eligibility

Individual/ Team: \leq 3 members

Edu Qualification:

Graduate/ Pursuing graduation

Application form



For enquiries-
hackathontnpcb23@gmail.com

Awards for each theme

1ST PRIZE 3 L

2ND PRIZE 2 L

Winners will be
felicitated

on

WORLD ENVIRONMENT DAY

5TH JUNE 2023

IMPORTANT DATES

27th April 2023
Opening Registration



Registration link will be closed post last date

17th May 2023
Problem Statement



Ideas/ Solutions to be submitted as per the format shared

27th May 2023
Intimation of shortlisted applications



Shortlisted applicants to present their ideas to the expert committee

1st June 2023
Announcement of results



Registration form to be filled from TNPCCB website

14th May 2023
Last date of registration



Problem statements, submission template and link for submission will be sent to the applicant's mail id

23rd May 2023
Last date for application



Shortlisted applicants will be intimated over email

Hackathon main events
30th May- SUP Reduced
31st May- Water Saved



Results will be posted on website and communicated via email

Award Ceremony on 5th June 2023



Enviro-Solvers Hackathon

An initiative by Tamil Nadu Pollution Control Board



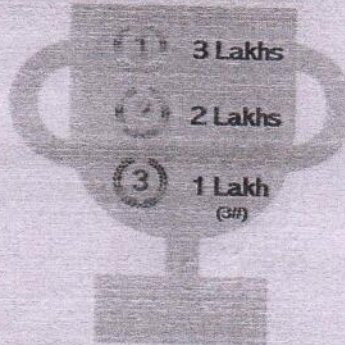
Inviting innovative ideas and solutions to crack important problems under

- Theme 1: Single Use Plastics Reduced**
- Theme 2: Water Saved**

Eligibility

Individual/Team =< 3 Members
 Qualification: Graduation/
 Pursuing graduation

Awards for each theme



Scan here to apply

