



Hosting Partner

**Thiagarajar College of Engineering  
Madurai**

Participant's Deck

[www.madurai-tech.org](http://www.madurai-tech.org)



Organized by

**Madurai Tech Community**

A volunteer driven organization

# MH2023 Participant Process

1

## Understand Problem Statements & Solution Expectations

- Take the problem statements from <https://www.madurai-tech.org/events/hackathon-2023/problem-statement>
- Take additional resources on problem statements at the bottom of the same page

2

## Register Individually at MTC Web Site - <https://www.madurai-tech.org/>

- Keep the registration receipt safe
- Use permanent email address and use the same email address in all places

3

## Join Communication channels to ask your queries. Try to avoid emails and phone calls as much as possible.

- Join discord server at <https://discord.gg/a4kKyRa5PD>
- Join telegram channel at <https://t.me/+F8BQWhkeo34wZDhl>

4

## Form a team of 5 persons maximum

- You can search for team members at discord channel

5

## Fill up **Team-Registration-Form** individually to inform about your Team Name and problem statement. You can update this till 2-Aug-2023

- The form to be filled will be sent in email within 2 days after your registration.

6

## Upload solution brief – You can update this till 2-Aug-2023

- Take solution brief template from here - <https://docs.google.com/presentation/d/1BBDi1oEzYjgxvpKgUDsOwwopgYHqWAa/edit?usp=sharing&oid=110234898931502846304&rtpof=true&sd=true>
- Team coordinator alone needs to upload the solution brief using **Team-Registration-Form**

7

## Arrive to TCE on 11th August, Friday morning 8 AM

Organizers will provide you the Entry Kit.

# MH2023 Event schedule



Organized by  
**Madurai Tech Community**  
A volunteer driven organization

Madurai  
**hackathon**  
2023



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**Thiagarajar College of Engineering  
Madurai**

## Day 1 - Friday, 11<sup>th</sup> August 2023

8 am - 8:30 am	<i>Participants receive entry pass &amp; kit (Id card, Food tokens, etc.) &amp; team finalization</i>
8 am - 8:45 am	<i>Breakfast, networking, icebreaking</i>
9.30 am - 10.30 am	<i>Inauguration ceremony</i>
10:30 am -10:45 am	<i>High tea</i>
10:30 am - 5 pm	<i>Mentor interactions with teams</i>
1 pm - 1:45 pm	<i>Lunch</i>
4:30 pm - 4:45 pm	<i>High tea</i>
6:30 pm	<i>Close for the day</i>

\*Night stay will not be allowed

## Day 2 - Saturday, 12<sup>th</sup> August 2023

8 am	<i>Teams start working</i>
8 am - 8:45 am	<i>Breakfast</i>
9:30 am - 12:00 noon	<i>Mentors shortlisting the teams</i>
10 am - 10:15 am	<i>High tea</i>
1 pm - 1:45 pm	<i>Lunch</i>
1:30 pm - 3:30 pm	<i>Solution presentation to judges</i>
4 pm - 4:15 pm	<i>High tea</i>
5 pm - 6:30 pm	<i>Awards ceremony</i>

Premier Sponsor



Gold Sponsors

[www.madurai-tech.org](http://www.madurai-tech.org)  
Technology for Societal Good



# AGENDA

- 9:30 am *Prayer - Tamil Thai Vazhthu*
- 9:35 am *Welcome Address*  
**Ms. C. V. Nisha Angeline**  
*TCE Co-ordinator, Madurai Hackathon 2023*
- 9:40 am *About Madurai Hackathon 2023*  
**Ms. K. Rajlakshmi**  
*Volunteer, Madurai Tech Community*
- 9:45 am *Presidential Address*  
**Dr. M. Palaninatha Raja**  
*Principal i/c, TCE*
- 9:50 am *Keynote Speeches*  
**Mr. RD Sriram**  
*Managing Director, Aurolab*  
  
**Mr. Dinesh Davidson**  
*Asst. Vice President (Operations), JK Fenner  
Chairman, CII (Madurai Zone)*
- 10:15 am *Memento Distribution*
- 10:15 am *Industry Connect - TVS SCS*  
**Mr. S. Ananthapadmanaban**  
*Head HR- Centre of Excellence, Madurai*
- 10:20 am *Vote of Thanks*  
**Ms. Kala**  
*Trustee, Madurai Tech Community*
- 10:25 am *National Anthem*



**Madurai Tech Community  
&  
Thiagarajar College of Engineering**  
*jointly invite you to*

## **The Inauguration of Madurai hackathon** 2023

*On Friday, 11<sup>th</sup> August 2023*

*9:30 am - 10:30 am*

*At KS Auditorium*

*Thiagarajar College of Engineering*

*Premier Sponsor*



# AGENDA

- 5:00 pm *Prayer - Tamil Thai Vazhthu*
- 5:05 pm *Welcome Address*  
**Mr. Sebin Sunny P**  
*CEO, TCE Technology Business Incubator*
- 5:10 pm *Madurai Hackathon 2023 Closing Remarks*  
**Mr. Krishna Kumar N**  
*Volunteer, Madurai Tech Community*
- 5:15 pm *Presidential Address*  
**Dr. M. Palaninatha Raja**  
*Principal i/c, TCE*
- 5:20 pm *Keynote Speeches and Awards Distribution*  
**Mr. Thirumurugan Subbaraj**  
*Director, HCL Technologies*  
**Mr. R Sundar**  
*General Manager, IT Services*  
*TVS Supply Chain Solutions*
- 6:00 pm *Venture Capital Connect*  
**Mr. Arun Thathachari**  
*Executive Director, Anicut Capital*
- 6:05 pm *Memento Distribution*
- 6:10 pm *Participants Experience Sharing*
- 6:15 pm *Sponsors Experience Sharing*
- 6:20 pm *Vote of Thanks*  
**Ms. Vimala**  
*Trustee, Madurai Tech Community*
- 6:25 pm *National Anthem*  
*Group Photo*



## Madurai Tech Community & Thiagarajar College of Engineering

*jointly invite you to*

## *The Awards Ceremony of*

Madurai  
**hackathon**  
2023

*On Saturday, 12<sup>th</sup> August 2023*

*5:00 pm - 6:30 pm*

*At KS Auditorium*

*Thiagarajar College of Engineering*

*Premier Sponsor*



- Awareness Building among the Student community on Sustainability and Environmental needs of today
- Collaboration of Student community with Industry experts on Sustainability
- Conceptualization and ideation for Social enterprises
- Take the solutions for further research and patents
- Knowledge sharing on startup and SME ecosystem to enable students to venture into business world

## MH2023 Solution Expectations

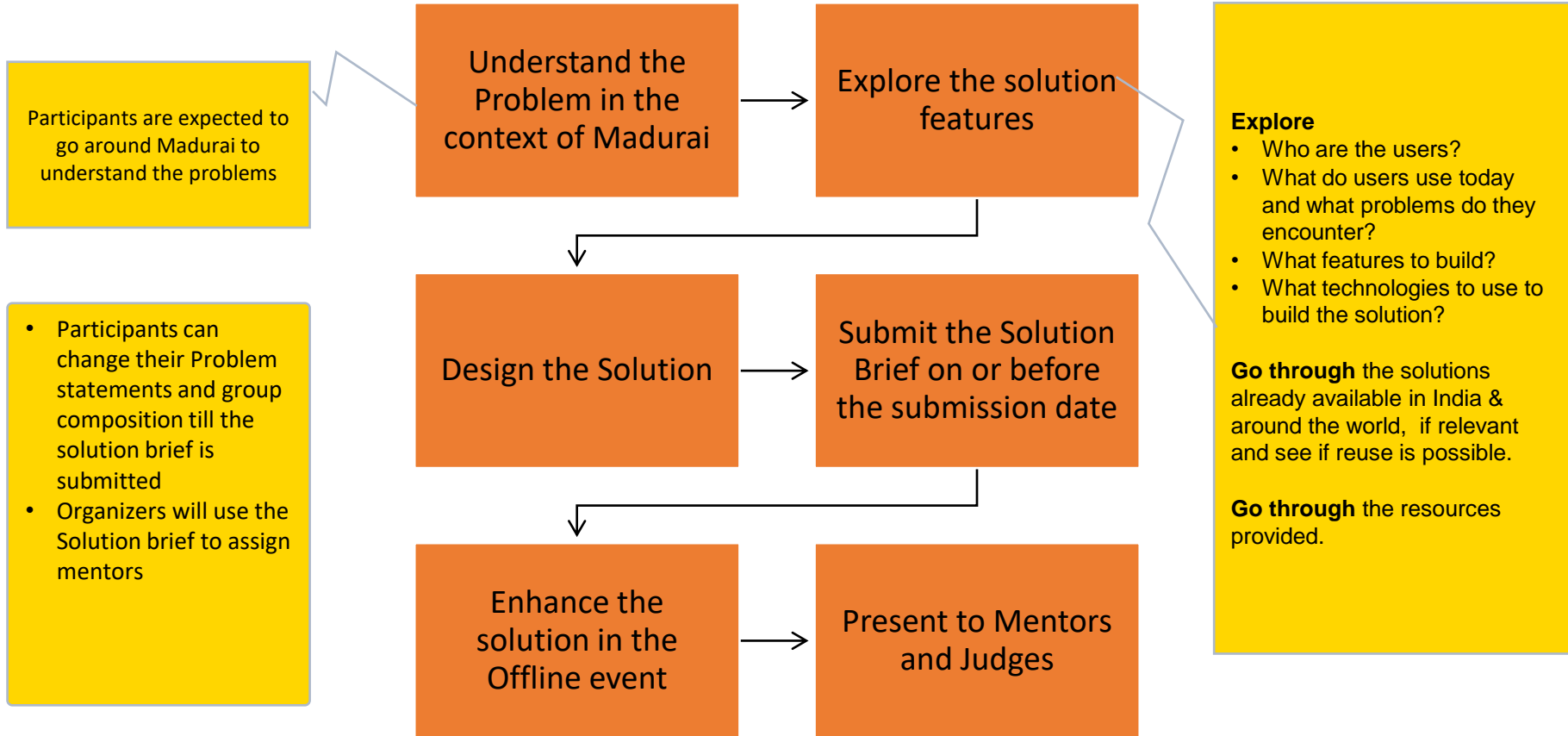
1. Solutions are to be aligned with given problem statements only.
2. Design on ppt, or, online or physical models, and such can be submitted where solutions are complex. For e.g., Civil Engineering based solutions, expensive technology-based solutions may be shown as diagrams in ppt and as models.
3. For software application-based solutions, minimally, UI wireframes are expected. Better to show working prototypes.
4. Reuse of existing solutions allowed. However, value additions done by you are to be highlighted.
5. Since majority of the Problems are Madurai-centric, Solutions are expected to be specific in nature.

# MH2023 Winner Selection Criteria

Criteria	Description
Solution Features	We expect the solution to address the core of the problem. Participants must demonstrate that they have understood the problem clearly. They should be able to elaborate on the core functional and technical features of the given problem and include that in the solution design.
Feasibility	The solution provided is expected to be practical in terms of technical feasibility and adoption. Participants should consider the cost and effort factors also.
User Centricity	Consideration of end-user personas in designing the solution maximizes the effectiveness of the solution for adoption in general. Teams are expected to take this perspective into consideration.
Innovation	Viewing problems from different perspectives, Out-of-box thinking and providing unique solution with own logic and algorithms is encouraged.
Reuse	Reusing existing solutions and building on top of them is very much encouraged. Explore repositories like github and the solutions that are currently used around the world. Are there any existing solutions reused? How effectively reuse is done to bring out the final solution ? What are the values added on top the reused component, model, idea ?
Clarity in Communications, Presentations	Presentation contents are to be clear, easy to understand and unambiguous: Questions are to be answered with short and relevant answers. You can use Tamil and English liberally in all forms of communications.
Identification of Go-To-Market Strategy	In order to implement the solution for effective use, next steps in terms of development of features, testing, business planning, etc., are to be identified and articulated as part of Judges evaluation.



# MH2023 – How to build your solution?



# MH2023 – Facilities in the venue



Food & Beverages, water will be provided by the organizers.



Attendance procedure will be announced at the event start. It is mandatory to attend all the scheduled activities.



Bring your own laptops and other models, tools, etc., that you may need to demonstrate your solution. Install required software prior to coming to the offline event.



Electrical power points will be available for mobile and laptop charging. Indian round pin plug point will be available. If you need any specific power plug adapter, bring it on your own. Electrical Power points will need to be shared. Bring extension boxes if available with you.



WiFi will be available. Congestion may be there. You are encouraged to use your own WiFi connection facility (WiFi dongles, mobile phone based) also.

# MH2023 : Arriving on the Event Day

On 11-Aug-2023 Friday....

Ensure you have all these packed:

1. Govt issued ID card (Either one of Aadhar, PAN, Driving license)
2. If student, ID card of the institution
3. Email receipt received after registration
4. Laptop, charger, optionally, extension box and Wi-Fi dongles



Arrive at Thiagarajar College of Engineering,  
Madurai at 8am on 11-Aug-2023 Friday morning.

Event organizers will take care of providing you the  
Entry Pass and kits and help you get started.

# MH2023 : Event Day at TCE campus

- You are expected to arrive at the Open Air Auditorium, TCE for breakfast and get entry kits at 8.00AM.
- The Inauguration ceremony takes place at K.S. Auditorium(closer to registration desk) which is mandatory for you to attend.
- Hackathon takes place in the IT Department. Each team will be allocated a lab which will be mentioned during your registration.

# MH2023 : TCE campus – Do's and Don't's

1. You will have to sit in the assigned Labs which will be intimated at the registration.
2. Formal College Dress Code must be followed [formal shirt and pant for Boys and Chudithar with shawl for Girls].
3. You must wear your MH2023 ID Card always.
4. Understand that you will not be permitted to leave the venue or roam unwantedly inside the campus during the Hackathon.
5. Misbehavior in any form will be considered very seriously and intimated to your concerned college/authorities for further action.
6. You are not supposed to take or use any of the materials small or big found in the TCE Labs without permission from the TCE staff at the location.
7. Be polite to the evaluators who come to mentor/Judge you.
8. Attendance is mandatory for participation / award certificates
9. Judge's decision will be final
10. Produce respective college ids during the time of registration.
11. Bags / snacks / other beverages will not be allowed inside TCE labs



If you have queries:



<https://discord.gg/a4kKyRa5PD>



<https://t.me/+F8BQWhkeo34wZDhl>

Let's make our cities better!