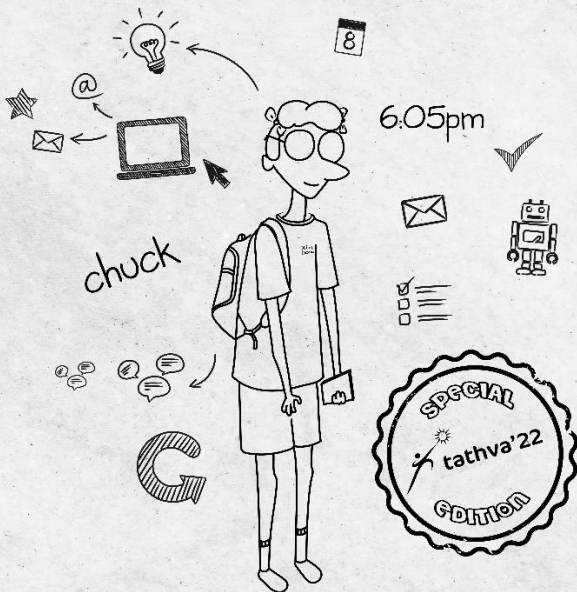# FOREWORD

Disclaimer: Any resemblance to past publications of program committees of any other fests is purely coincidental, and the ecos cannot be held responsible for the same. (Teehee ^.^)

This diary is the result of the excess knowledge and immense wisdom possessed by all members of the committee, in matters pertaining to their events.

So here's a couple of things you cannot forget, this Tathva 22'.

- Be on time, No more *Sorry Chechi I was sleeping* excuses. #Pradipti

- Know your events *in and out.* #Abraham or atleast know where they are in the diary. Now if you don't know where the diary is...........................

- Always take help from your seniors if you have doubts regarding any events, registration protocols, or even if you're having a mental breakdown (*These are completely normal*), we're always here to help you.

- No reason is a valid reason to pick fights with participants. If you feel like you're going to get beaten up, say the stucos name and RUN!

- Phone must be charged at all times. (Android supremacy ^.^) Make sure you're always reachable via phone, and check your messages constantly.

- Don't get distracted by tathva *stuff* and forget about your events.

- When you don't have event-duty, make sure you're available at the announcement desk. While making said announcements, avoid sports commentaries ;) #Salman

- Stay hydrated and make sure you drink only water. #Mathew

- If it rains, lay a tarpaulin over your arena, find a good spot and feel free to cry.

TABLE OF CONTENTS

GENERAL GUIDELINES

1. All participants must have a Tathva ID (which is free of cost) for participating in any event. Even in the case of group events, all members must mandatorily create Tathva IDs.

2. All participants should bring a valid ID for proof of identification. Aadhar Card/Driving License/ PAN Card/ School ID for school students could be used.

3. Tathva competition registration does not entail entry into workshops or lectures. Workshops have a separate online registration.

4. All event coordinators must ensure that Judges are well-informed of the rules and regulations released beforehand and that all events are conducted in adherence with these specifications.

5. Do not inform prize break-ups to participants before the prizes are decided under any circumstances.

6. Be polite and respectful to the judges, and make sure the judging sheets and detailed guidelines are provided to the judges before the start of the event.

7. Be careful what and how you speak to the participants, anything you say can and will be used against you.

8. Make sure your phones are on full charge at all times. (android supremacy ^.^).

9. There must be 2 people at the announcement desk at all times. If any event has a low reg count, ask the announcement desk to repeat announcements.

OTSR GUIDELINES

OTSR is only for participants who have not registered for said event, on the website beforehand.

OTSR Procedure:

1. Fill in the details of the participant in the OTSR sheet. (If it is a team registration, only the team leader's details must be noted, and the competition ID issued will be in their name. Now if the same team wishes to participate in other common-reg events, they are permitted to do so. But only if their team also has the team leader in whose name the competition ID is issued).

2. Collect the registration fee of Rs.350 via the UPI code, which WILL BE PROVIDED BEFOREHAND. Once payment is completed, enter the amount paid and the TRANSACTION ID in the OTSR sheet. Be careful, not to write the UPI ID or any other wrong details in the space provided for the Transaction ID.

3. In case any participant is unable to pay via online transactions and wants to pay in cash, make sure you collect the amount and store it carefully.

4. Keep a proper record of any and all funds you collect, In case of any discrepancies respective event coordinators will be held responsible.

5. Inform all participants, that Competition ID once lost, will not be replaced and will have to be paid for again to participate.

6. OTSR shall be done at the venues of each event on the day of competition.

7. All participants are required to take Tathva ID during the OTSR.

REGISTRATION GUIDELINES

1. Participants have the option of registering either online at reg.tathva.org or at the OTSR desk in front of every It is advisable to register online so that the registration is hassle-free once the participant reaches the campus.

2. Participants who complete online registration will be able to see their Tathva ID and a QR Code under the profile section which must be shown to participate in any event.

3. There are 2 categories of events:

    a) Events with a Common registration fee of Rs 350- Once registered for any one of these competitions, the participant is eligible for FREE registration for all other competitions included in this category.

    b) Events with a separate registration fee which is different for each of these events.:

        i.   Tathva Cube Open (Rs. 100)

        ii.   Cube Open (Rs. 100)

        iii. Robowar (2699 For the 15 kg Category, 2999 For the 60 kg Category)

4. Robowars has a separate registration fee and does not have OTSR. Once registered all other events in the robotics section are free for Robowars teams.

EVENT SCHEDULE AND COORDINATORS

DAY 1

21st October

EVENT	VENUE	TIME	ECOs
CTF	Online	Entire Day	
Robowar	OAT	9.00 - 6.30	Hari – 77367 77623, Anupam – 80868 68911
Schwimmwagen	Front of Aryabhatta	9.00-3.00	Dev – 94903 96070 , Vishwas – 82204 65050
Tracercon	Inside Aryabatta	9.00-1.30 , 3.00-5.00	Vishwas – 82204 65050, Anupam – 80868 68911
Albatross	12th Mile	9.00-1.30	Gokul – 62.38 613 270, Diksith – 90547 91726
Regatta	Offshore Lab	9.00-1.00	Vivek – 82470 00014 Deepak – 79949 66205
Blueprint	DB 306, 307, 309	9.00-2.00	Vaishnavi – 81139 22612, Anjali – 81099 48280
ENVIQ	ELHC 404	9.00-3.00	Anjana – +91 85477 42082 Amrita – +91 94478 54206
Disarmamine	ELHC 403	9.00-5.30	Vishnu– 8078408465 Sudeekshna– 9676761555
Cube Open	Bhaskara	10.00-4.00	Sayan – 96338 70194
Orbit Knot	MB 308,309	10.00-12.00	Vishnu – 80784 09465 Aleena – +91 95268 97174

Cad Art	CAD Lab	10.00-4.00	Manikanta - +91 82472 84533 SriTej - +91 99089 56123
GSM Labryinth	Tennis Court	10.00-6.30	Soumya- +91 84648 57515 Sameer- 95022 74558

DAY 2

22nd October

EVENT	VENUE	TIME	ECOs
Robowar	OAT	9.00-7.00	Hari - 77367 77623, Anupam - 80868 68911
Dirt Race	Kho-Kho Ground besides kabbadi	9.00-5.00	Giri - 96762 49053, Solai - 80892 58377
Albatross	12th Mile	9.00-1.30	Gokul - 6238 613 270, Diksith - 90547 91726
Websetgo	NSL,SSL	9.00-5.00	Yadu - 92078 99020 Lasya - 99518 66950 Nikhil - 73580 66672
The last surveyor	Surveying Lab+ MB 2.06	9.00-4.00	SriTej - 99089 56123 Amrita - 94478 54206
TH	DB 113,114,115+AC ROSS THE CAMPUS	9.00-12.00	Kavya - 73565 69166 , Anna - 96337 18062
Orbit Knot	MB 308,309	9.00 - 2.00	Vishnu - 80784 09465 Aleena - +91 95268 97174
AcceleroBotx	Pits (Open Space)	9.00-5.30	Saidathu - 8074234873 Aleena - 95268 97174

Circuit Race	ELHC 401	2.00-4.00	Saidathu - 80742 34873 Sudeekshna - 96767 61555
Quizzing	Bhaskara	10.00-1.30	
E-racer - ROUND 1	ELHC 402	9.00-12.30	Sushma - 9490071518 Harsha Vardhan -89786 24362
E-racer - ROUND 2	Embedded Systems Lab	3.00-5.00	
Analog Venture : ROUND 1	ELHC 403,404	9.00-12.30	Anjal - 95670 85618 Sushma - 94900 71518
Analog Venture : ROUND 2	ELHC 404	2.30-4.00	
Trestle it	DB 206,207	10.00-5.00	Anjana - 85477 42082 Shalini - 85550 75037
Interrupter	Process Instrumental Lab	11.30-5.30	Salman - 81380 85146 Vinaya - 86886 55521
Hoverdrive	Ground to the left of Kho-Kho ground	1.30-5.00	Gokul - 62.38 613 270, Anna - 96337 18062
Quizzing	Bhaskara	3.00-7.30	
Physics Feud	DB 306	9.00-1.30	Ishan- 95995 49613 Raship - 9594809961

DAY 3

23rd October

EVENT	VENUE	TIME	ECOs
Enigma	DB 306,307	9.00-1.00	Vaishnavi - 81139 22.612, Rishika - 90145 70541
CSI	DB 311	9.00-1.30	Mathushika - 6282603284 , Manoj - 83280 28790
AcceleroBotx	PITS	9.00-1.30	Saidathu - 8074234873 Aleena - +91 95268 97174

Cheopropello	BB Court(in front of mini)	9.00-4.00	Salman - 81380 85146 Satwik - 77029 66054
Aquastrike	12THMILE	9.00-4.00	Vivek - 82470 00014 Deepak - 79949 66205
League of Machines	BASKET BALL COURT	9.00-5.00	Giri - 96762 49053 , Ismail - 91887 81370
Circuit race	ELHC 403 +COMPUTER LAB FOR SIMULATION	9.00-6.00	Saidathu - 80742 34873 Sudeekshna - 96767 61555
Quizzing	Bhaskara	10.00-1.30	
Analog Venture Round 3	Embedded Systems Lab	10.00-1.00	Anjal - 95670 85618 Sushma - 94900 71518
TH	DB 113,114,115+ACROSS THE CAMPUS	10.00-5.00	Kavya - 73565 69166 , Anna - 96337 18062
E-racer	ELHC 402 +ELECTRONICS LAB	2.00-5.30	Sushma - 9490071518 Harsha Vardhan -89786 24362
Quizzing	Bhaskara	3.00-7.30	
Hoverdrive	Infront of Aryabhatta	2.00-5.30	Gokul - 6238 613 270, Anna - 96337 18062
Schrodinger's Ket	DB 308,309	10.00-5.00	Ishan - +91 95995 49613 Gokul- +91 79070 31824
Shell Seige	NSL, SSL	2.00 - 6.00	Yadu - +91 92.078 99020 Himalay - 63580 29929
Debugger	NSL, SSL	9.00-1.30	Keerthi - 73375 05051 Nikhil - 73580 66672

DUTY LIST

DAY 1 - 21/10/2022

EVENT	VENUES	TIME	B2Os	B21s
Robowars	OAT	9.00 - 6.30	Hari, Anupam	Aileen, Shradha, Prudhvi
Schwimmwagen	Front of Aryabhatta	9.00-3.00	Dev, Ismail, Solai	Afra, Noor, Koushik
Tracercon	Inside Aryabhatta	9.00-1.30 , 3.00-5.00	Giri, Vishwas	Kedar, Pratap, Arunima
Albatross	12th Mile	9.00-1.30	Dikshit, Gokul	Krishna, Sailaja Mithul, Prithvi Raj
Regatta	Offshore Lab	9.00-1.00	Deepak, Vivek	Alvina, Hitesh
Blueprint	DB 306, 307, 308	9.00-2.00	Vaishnavi, Anjali, Rishika	Brijesh, Ram Teja, Ardra
Enviq	ELHC 404	9.00-3.00	Anjana, Amrita	Amal Faris, Suraj Singh
Disarmamine	ELHC 403	9.00-5.30	Vishnu, Sudeekshna	Jamshed, Oliver
TH	DB 115	9.30-12.00	Anna	Sagar, Pradipthi, Ajay, Mathew
Cube Open	Bhaskara	10.00 - 4.00	Sayan	Pradipti, Mazin, Fawas, Diljit, Simon, Abijith
Orbit Knot	MB 308,309	10.00-12.00	Vishnu, Aleena	Mayank, Divya
CAD Art	CAD Lab	10.00-4.00	Manikanta, SriTej, Shalini	Sravan, B Sarat
GSM Labryinth	Tennis Court	10.00-6.30	Soumya, Sameer, Anjal, Harshavardan	Aravind, Aryan, Keerthana, SarathChandra, Niketh

DAY 2 – 22/10/2022

EVENT	VENUES	TIME	B2Os	B21s
Robowar	OAT	9.00-7.00	Hari, Anupam, Vishwas	Kedar, Aileen, Shradha
Dirt Race	Kho-Kho Ground	9.00-5.00	Giri, Solai, Dev, Ismail	Pratap, Noor, Afra, Arunima, Koushik

Albatross	12th Mile	9.00-1:30	Dikshit, Gokul	Krishna, Sailaja Mithul, Prithvi Raj
WebSetGo	NSL/SSL	9.00-5.00	Keerthi, Yadu, Himalay, Lasya	Lehan, Hemanth, Joseph, Sanjay, Sakshi, Junaidh
The last surveyor	Surveying Lab+MB 206	9.00-4.00	Amrita, Sritej	Sravan, Amal Faris
Treasure Hunt	DB 113,114,115	9.00 - 12.00	Sayan	Pradipthi J, Ajay, Serena, Mathew
Orbit Knot	MB 308,309	9.00 - 2.00	Vishnu, Aleena	Divit, Revanth
AcceleroBotx	Pits (Open Space)	9.00-5.30	Aleena, Saidathu	Jamsheed, Mayank
Circuit Race	ELHC 401	2.00-4.00	Saidathu, Sudheekshna	Oliver, Divya
Quizzing	Bhaskara	10.00-1:30	ENQUIRE CLUB	ENQUIRE CLUB
Analog Venture : ROUND 1	ELHC 403,404	9.00-12.30	Sushma, Soumya, Anjal	Sushma, Soumya, Anjal
Analog Venture : ROUND 2	ELHC 404	2.30-4.00	Sushma, Soumya, Anjal	Keerthana, Aravind, Sarath
E-racer - ROUND 1	ELHC 402	9.00-12.30	Harsha, Sushma, Sameer	Niketh, Adithya Vyasakh, Aryan
E-racer - ROUND 2	Embedded Systems Lab	3.00-5.00	Harsha, Sushma, Sameer	Niketh, Adithya Vyasakh, Aryan
Trestle it	DB 206,207	10.00-5.00	Anjana, Shalini	Suraj, B Sarat
Interrupter	Process Instrumental Lab	11.30-5.30	Salman, Satwik, Vinaya	Shantikumar, Saurabh, Bindu Sree, Phalguni
Hoverdrive	Ground to the left of Kho-Kho Ground	1.30-5.00	Vivek, Deepak	Alvina, Hitesh, ADD ONE
Quizzing	Bhaskara	3.00-7.30	ENQUIRE CLUB	ENQUIRE CLUB

Physics Feud	DB 306	9.00-1.30	Gokul, Raship	Aslam, Shubham,Shaik Tahir Dariya

DAY 3 – 23/10/2022

EVENTS	VENUES	TIME	B2Os	B21s
Enigma	DB 306,307	9.00-1.00	Vaishnavi, Rishika, Anjali	Akhil, Brijesh, Sindhu Priya
CSI	DB 311	9.00-1.30	ISTE CLUB	ISTE CLUB
Debugger	NSL,SSL	9.00-1.30	Himalay, Keerthi, Yadu, Lasya, Nikhil	Lehan, Hemanth, Joseph, Sanjay, Sakshi
AcceleroBotx	PITS	9.00-1.30	Vishnu, Aleena	Oliver, Sai divya, Revanth
Cheopropello	BB Court(in front of mini)	9.00-4.00	Salman, Satwik, Vinaya	Y Bindu Sree, Kausal, Shanthikumar, Praneetha Adwaidu, Saurabh, Falguni
Aquastrike	12THMILE	9.00-4.00	Deepak, Vivek	Krishna, Mithul, Prithvi
League of Machines	BASKET BALL COURT	9.00-5.00	Giri, Dev, Hari, Solai, Vishwas, Ismail, Anupam	RAS Kousik, Kedar, Pratap, Prudhvi, Arunima M, Noor, Y Shradha, Afra, Aileen
Circuit race	ELHC 403 +COMPUTER LAB FOR SIMULATION	9.00-6.00	Saidathu , Sudheekshna	Jamsheed, Divit, Mayank
Quizzing	Bhaskara	10.00-1.30	ENQUIRE CLUB	ENQUIRE CLUB
Analog Venture : ROUND 3	Embedded Systems Lab	10.00-1.00	Sushma, Soumya, Anjal	Aryan, Niketh, Vyshakh
TH	DB 113, 114, 115+ACROSS THE CAMPUS	10.00-5.00		

E-racer : ROUND 3	ELHC 402 + ELECTRONICS LAB	2.00-5.00	Harsha, Sushma, Sameer	Aravind, Keerthana, Sarath
Quizzing	Bhaskara	3.00-7.30	ENQUIRE CLUB	ENQUIRE CLUB
Hoverdrive	Infront of Aryabhatta	2.00-5.30		Alvina, Hitesh, Sailaja
Shell Seige	NSL,SSL	2.00 - 6.00	Keerthi, Yadu, Lasya, Nikhil	Lehan, Hemanth, Abraham, Junaidh, Mohammed
Schrodinger's Ket	DB 308,309	10.00-5.00	Raship, Gokul, Ishan	Aslam, Shubham,Shaik Tahir Dariya, Sahil

EVENT CHECKLIST

- o OTSR Sheets
- o Judging Sheets
- o Plain Paper
- o Participant Sheets
- o Pens
- o Result sheets
- o Copy of detailed guidelines
- o Participant ID for OTSR events
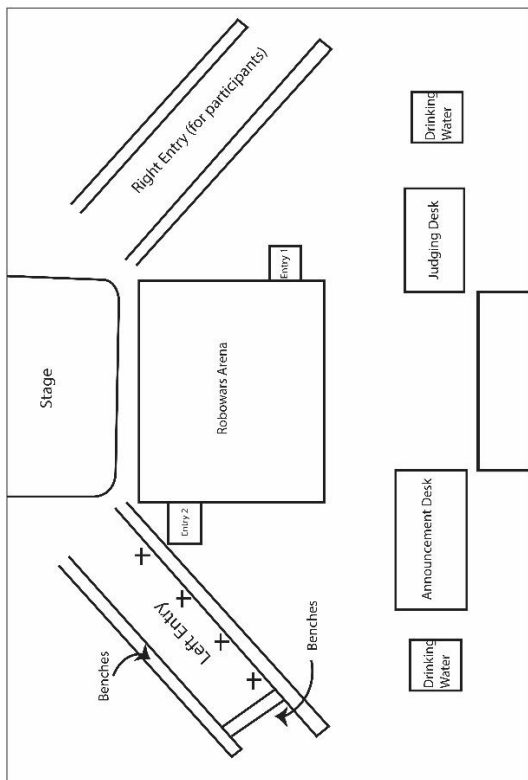- o Test papers

Be there at the event venue *1* hour prior to the start of the event. Once you reach the venue, if your event has an assigned judge contact the respective judging committee member and make sure all arrangements are in place.

Also make sure all your LAS and procurement needs have been met. If not contact the LAS and procurement numbers given in this book..

Before you leave the room with the file make sure all of the above items are in it.

ROBOWARS ALGORITHM

Participant Transport Team

- Take the participants from ELHC to OAT and help them to take their belongings
- Take

Reg Desk

- Making the teams sign the self-declaration form and rules form.
- Cross-checking team registration details before fixtures.

Crowd Control

- Don't let the crowd near the Robowars arena or any of the teams under any circumstances.
- Ensure no external interference to the bots, participants, judges, or anything else that could interfere with the event.

Judging Desk

- Make sure the correct judging sheets are given to the judges before each fixture.
- Two people have to note down the points as per the judge's instructions if they want
- The other two people should Communicate between the judges and the announcement desk.
- Check whether the judges need anything like water, food, or any other requirements.

Announcement Desk

- Announcing the teams before each fixture.
- Handling the fixture announcements.
- Communication between the anchor and the judges.

Arena Committee

- After each fixture, they have to check the arena and clear it if there is any wreckage.
- Make sure the arena is ready for the next fixture.

Timing Control

- One person has to note down the timing for all the fixtures

OAT out

- Handling the green rooms.
- Sending the teams on time for the fixtures.
- Making sure all team' green rooms are locked once the team finishes their fixtures and return to hostels.

ROBOWAR DUTY LIST

DAY 1

OAT IN		
	B20	B21
Announcement Desk	Mathushika, Nikhil	Varshitha, Aileen
Crowd Control	Himalay, Anna	Sanjay John, Falguni, Bindu Sree
Judging Desk	Yadu, Kavya	Hemanth, Shraddha
Reg Desk Duty	Athira	Prudhvi
ENTRY 1	Ishan	Shanthikumar
ENTRY 2	Sushma	Serena
Arena Committee	Himalay	Gayatri, Sanjay, Surya, Sai Charan, Tahir, Anushka
Food + First Aid	Salman	Lehan, Praneetha

OAT OUT		
	B20	B21
1st Floor ELHC	Manoj	Joseph, Shubham
2nd Floor ELHC	Keerthi	Mathew, Sahil
3rd Floor ELHC	Gokul S	N Mohammed, Abraham

PARTICIPANT TRANSPORT
Raship
Saidathu
Adithya Vyshakh

DAY 2

OAT IN		
	B20	B21
Announcement Desk	Mathushika, Nikhil	Varshitha, Aileen
Crowd Control	Athira	Sanjay John, Bindu
Judging Desk	Vaishnavi, Kavya	Brijesh, Shraddha
Reg Desk Duty	–	Anushka
ENTRY 1	Ishan	Sagar
ENTRY 2	Himalay	Sanjay
Arena Committee	Himalay	Gayatri, Surya, Sai Charan, Tahir
Food + First Aid	Himalay	Sanjay, Tahir

OAT OUT		
	B20	B21
1st Floor ELHC	Manoj	Joseph, Kedar
2nd Floor ELHC	Anjali	Shubham, Ram Teja

3rd Floor ELHC	Rishika	N Mohammed, Abraham

PARTICIPANT TRANSPORT
Sahil
Akhil
Sindhu Priya

PC THIRD YEARS

GENERAL

NAME	PHONE NUMBER
Kavya N S	7356569166
Manoj Kumar Manda	8328028790
Mathushika Murugiah	6282603284
Sayan Chandran	9633870194
Anna Teresa Binu	9633718062

QUIZZING

NAME	PHONE NUMBER
Athira	9846615839

PHYSICS

NAME	PHONE NUMBER
Gokul s	7907031824
Ishan zalpuri	9599549613
Raship Singh Plaha	9594809961

MECHANICAL

NAME	PHONE NUMBER
Dikshit	9054791726
Geddam Vivek	8247000014
Deepak Kaladharan	7994966205
Anna Teresa Binu	9633718062

ROBOTICS

NAME	PHONE NUMBER
Anupam Kurien Mathew	8086868911
Giri Shankar GSBS	9676249053
Harikrishnan K J	7736777623
Mohammed Ismail mm	91887 81370
Solaishwaran A	8089258377
Vedantam Jaswanth	9490396070
Vishwas V	8220465050

ENVISION

NAME	PHONE NUMBER
Anjali Giri Goswami	8109948280
Malyala Rishika Reddy	9014570541
Vaishnavi A	8113922612

ELECTRICAL

NAME	PHONE NUMBER
Mogullapally Sudheekshna	9676761555
Sai Dathu	8074234873
Vishnu Prakash	8078409465
Aleena Shaju	9526897174

ELECTRONICS

NAME	PHONE NUMBER
Anjal S Anand	9567085618
D.Sushma Sri	9490071518
Gourishetty Soumya	8464857515
Harshavardhan	8978624362
Sameer Venu Gopal Sunkada	9502274558

COMPUTER

NAME	PHONE NUMBER
Himalay	6358029929
Keerthi Bobba	7337505051
Mypala Lasya Priya	9951866950
Nikhil Anil	7358066672
YadhuNandan	9207899020

CIVIL

NAME	PHONE NUMBER
A.Anjana	8547742082
A.V.N. sri tej	9908956123
Amrita Rajan	9447854206
Manchala Manikanta	8247284533
Nettem Shalini	8555075037

CHEMICAL

NAME	PHONE NUMBER
Kuniganti Vinaya	8688655521
Muhammad Salman s	8138085146
Sathvik	7702966054

PC SECOND YEARS

GENERAL

NAME	PHONE NUMBER
Sagar Sunil	91881 65260
Jogam Sai Charan	9441474743
Varshita	91828 13331
Sanjay John	83010 54205
Pradipthi J	89213 00865
Ajay Naidu	81254 70129
Serena Anthony	89048 21621
Mathew George	97445 20970
Anushka	88483 28855
P Surya Samyog	70251 65536

QUIZZING

NAME	PHONE NUMBER
Shubham Kumar	6203 355 946
Gayatri	86884 69868

PHYSICS

NAME	PHONE NUMBER
Muhammed Sahil	9072009233
Shubham Kumar	6203355946
Muhammed Aslam	9061440096
Shaik Tahir Dariya	9912880666

MECHANICAL

NAME	PHONE NUMBER
Ananthu V	70341 25433
Sailaja Madasu	90143 24350
Alvina Vinoy	8137974172
Mithul Sunil	95621 20671
Neyyala Krishna	91820 70466
Koyyana Hitesh	91826 01099
Prithvi Raj	965 509 70412

ROBOTICS

NAME	PHONE NUMBER
RAS Kousik	83746 44499
Kedar M	89215 27771
Pratap Varma	8247 10907
M Prudhvi	6281 741 064
Arunima M	97785 95850
Noor Muhammed	82813 04564
Y Shraddha	79955 95208
Afra Seeyad	80897 48609
Aileen	99958 21924

ENVISION

NAME	PHONE NUMBER
Akhil	81578 90548
Ardra Gireesh Shamna	70250 41531
Brijesh Valsaraj	9207002880

Tejawath Sindhu Priya	7893903205
Ram Teja	90635 77283

ELECTRICAL

NAME	PHONE NUMBER
Jamsheed	6238863686
Pathak Mayank	9764213579
Revanth Reddy	9963256609
Oliver Kadambatt	8281461760
Divit Gupta	9167641425
Voolla Sai Divya	9063028111

ELECTRONICS

NAME	PHONE NUMBER
Keerthana	6238053165
Aravind Kumar	6281793179
Balabhadra Niketh	7207549554
Adithya vysakh v	83018 96296
Aryan S	8156927931
S. Sarathchandra	8688278337

COMPUTER

NAME	PHONE NUMBER
Lehan Divakaran	79815 42457
Abraham Varghese	6282 898 864
Sakshi Dixit	70001 75534
Junaid Ashraf	8601292692
Hemanth Chodisetti	8121050603
N Mohammed	8086156013
Sanjay Rajakumar	971 50 428 4892
Joseph Nirmal	90749 42379

CIVIL

NAME	PHONE NUMBER
Amal Faris	6238946521
Sravan	7416110737
Suraj Singh	9549319375
Joshua	9605159099
B Sarat	7013258485

CHEMICAL

NAME	PHONE NUMBER
Y Bindu Sree	9491373774
Kausal	9680900814
Jogu Shanthikumar	7702530830
Praneetha Burri	7989178559
Adwaidu Viswanathan	9961797424

JUDGING DUTY LIST

EVENT	ASSIGNED JC MEMBER	JC MEMBER CONTACT	SENIOR JC POC	SR JC POC CONTACT
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Blueprint (Sustainable develpoment)	Anagha M V Rifa Fathima	7593943742 7736017224	Aravind A	8078057833
Blueprint (Mechatronics)	Ifraz Manika Farheena	8281322588 9446715504	Kalyani, Bhadra	
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EVENT DETAILS

CSE:

1. KoderKombat
    - Event completely online- on Hackerrank.
    - Time duration of competition : 2 hours.
2. Capture The Flag
    - Online event of 4 levels.
    - Team of 1-4 members.
    - OVA file will be provided for each level.
3. Web-Set-Go
    - 2-round event: quiz followed by development task/
    - Participants must use only HTML, CSS and JS to develop the pages.
    - Usage of pre-existing website templates is prohibited
4. Debugger
    - 2 round event of Individual or 2 member team.
    - Linux based machine provided- C/C++ language to be used

ROBOTICS:

1. Schwimmwagen
    - Build a bot that can travel on both land and water terrain.
    - Completing the track with least time wins.
2. Dirt Race
    - Race of time and terrain.
    - Involves muddy, slippery tracks, sharp turns and obstacles.
3. League Of Machines
    - Two teams of 2 to 3 bots chase a ball in an arena, soccer style.
    - Team with most goals wins.

4. Robowar
   - Maneuver your bot to attack and immobilize the opponent.
   - Bots will be judged based on damage, aggression, control and strategy.
5. Tracercon
   - Design and race self steering bot that can detect and steer its way through the shortest track in the shortest time.
   - Conducted in 2 rounds

GENERAL:

1. Treasure Hunt:
   - Team with min of 3 members and max of 4 members.
   - Cross college teams are allowed.
   - First team to get to the treasure wins
2. Cube open:
   - This is an individual event & only on spot registration available
   - This event is conducted by the Indian Cube Association, and the cubes will be provided by the Indian Cube Association for the attempt.
   - Events:-2x2, 3x3, 4x4 and 3x3 one-handed.
   - This is the official selection for India Intellectual Literacy Movement 2023 – Dubai.
   - Fee is non-refundable under all circumstances & Competition will be conducted as per ICA guidelines. The decision of ICA officials will be considered final.

ENVISION:

1. Blueprint:
   - Team of max 3 members
   - 2 rounds - Abstract submission & offline paper presentation

- Selected teams have to follow IEEE research paper format
2. Enigma
   - Event of 2 rounds with max 2 members.
   - On spot registration available

ELECTRICAL:

1. Accelero-Bot
   - Team of maximum 3 members.
   - Cross college/school teams are allowed.
   - Participants must produce valid college/school id.
   - The event will have one trail run and 3 rounds
2. Disarmamine :
   - Team of maximum 3 members
   - Team members must produce valid institute id.
   - First round is quiz based on logic gates and electrical knowledge
3. Circuit race
   - Team of maximum 3 members
   - Participants must produce valid college id.
   - Cross college teams are allowed
   - 3 round event
4. Orbit knot
   - Participants have to design circuits with utmost speed and accuracy.
   - Each team can maximum of 3 members .
   - Cross college teams are permitted.
   - Team members must produce valid college id.
   - OTSR is available for this event.

CIVIL

1. CAD Art
   - Cad and building skills of the participants will be tested.
   - It is a two round solo-event.
   - Online as well as otsr is allowed.
   - Only college students are permitted.
   - No calculators are allowed for the preliminary round, computers with cad software will be provided.

2. Trestle-it
   - There will be a quiz based on basics of civil engineering and teams have to construct a hydraulic bridge using the materials provided on the spot.
   - It a two round team-event with maximum 4 and minimum 3 members.
   - Online and otsr is allowed.
   - Cross-college teams are allowed, no participant is permitted to be a part of two or more teams.
   - Calculators are allowed for prelims.

3. Enviq
   - Teams should build an energy efficient working model based on renewable resources.
   - Only School students are permitted.
   - Solo as well as team event with maximum 4 members in a team.
   - Cross-school teams are allowed, no participant is permitted to be a part of two or more teams.

4. The Last Surveyor
   - Surveying based treasure hunt.

- It is a two round team-event with a maximum of 4 members in a team.
- Online as well as otsr is allowed.
- Only College students are permitted.
- Cross-college and cross-year teams are allowed.
- Calculators can be used for calculations.

MECHANICAL

1. Hover Drive
   - Teams have to design a radio-controlled hovercraft that can navigate through various terrains and race it through specified tracks in the best possible manner scoring maximum points.
   - It is a two round team-event with minimum 2 and maximum 4 members in a team.
   - The event is open to all.
   - Only one person should control the hovercraft from each team.
   - Maximum dimensions of hovercraft: 40*40*40 cm.
   - The tracks will be revealed only at the time of event.
2. Aqua Strike
   - Water rocket competition.
   - Single round, solo as well as team event with maximum 4 members in a team.
   - Water for rockets will be provided.
   - Each team is only permitted to use one launcher and one rocket. No more than two teams can utilize the same launch.

- A fixed launcher must be used to fire the rocket from a stationary position.
- Energy source used for rocket must be internal pressure

3. Albatross
   - Teams must design and fabricate a lightweight, electric motor-powered, remote-controlled aircraft that can navigate the arena with accuracy in the shortest amount of time and land gently on the ground.
   - It is a three round team event with minimum 3 and maximum 4 members.
   - Teams from the same college must have a minimum 40% design difference in their models to qualify.
   - Each team will get two chances in each round, and the best performance among those chances will be taken into account when calculating points.
   - Participants are permitted to make alterations and modifications prior to their next opportunity in the event that their aircraft sustains damage during a flight run, provided that no more than 50% of the original aircraft is changed and it should not resemble the aircraft from same college (if any).
   - Only hand-launch of aircraft is permitted.
   - Weight of aircraft shouldn't be more than 700g and dimensions of aircraft: 900*900*900mm.

4. Regatta
   - RC boat race.
   - Single round event and open to all.
   - It is a solo as well as team event with maximum 4 members in a team.
   - Dimensions of boat: 40*40*40cm.

- The boats must be unwired & an external remote controller can be used.
- Teams can use the track for practice before the event and must report to the track at least 45 minutes prior to the commencement of the event.

ELECTRONICS

1. GSM Labyrinth
   - Battle of bots (GSM controlled robots).
   - It is a three round solo as well as team event with maximum 4 members in a team.
   - Cross college teams are permitted.
   - Dimensions of bot: 0.3*0.250*0.3 m and weight of bot shouldn't exceed 2kg.
   - An on-board power supply should be used. No external power supply will be provided.Teams should bring their own power supply.

2. E-Racer
   - Competition on assembling and organising complex circuits within a limited period of time.
   - 3 round team-event with minimum 2 and maximum 3 members in a team.
   - Cross college teams are permitted.
   - Online as well as otsr is allowed.
   - Use of mobile phones and any other electronic devices is not permitted unless mentioned by the event managers at the time of event.

3. Analog Venture
   - Participants skills on circuits, network analysis and circuit designing are tested.

- It is a 3-round team-event with minimum 2 and maximum 3 members in a team.
- All rounds are strictly time bounded.
- Inter college teams are allowed.
- Online as well as otsr is allowed.
- Use of mobile phones and any other electronic devices is not permitted unless mentioned by the event managers at the time of event.

CHEMICAL

1. Interrupter
   - Teams have to control electrical circuits by chemical means.
   - Single round, solo as well as team event with maximum 3 members.
   - Each team has to perform 3 times.
   - All the chemicals required should be brought by the participants.
2. Cheo-propello
   - Teams have to design a self-propelled vehicle that runs on a chemical reaction and have to beat their opponents on the race track.
   - Two round team-event with maximum 3 members in a team.
   - Cross college teams are allowed.
   - Dimensions of the car: 30cm x 25cm x 20cm.

PHYSICS

1. Schrodinger's ket
   - Teams have to solve a set of tasks related to physics.
   - The event is open to all.
   - Two round team event with maximum 3 members.

- Online registrations and otsr is allowed.
2. Physics Feud
   - Physics Eminent type of competition.
   - Event is open to all categories.
   - Two round team event with maximum 3 members.
   - Online registrations as well as otsr is allowed.

INFRA CONTACTS

NAME	PHONE NUMBER
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ANTONY JOY	9946569538

LAS CONTACTS

NAME		PHONE NUMBER
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HOSPITALITY CONTACTS

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RATES

1 Day accommodation
Common room- 200+(50)
4 - 250+(50)
2 – 350+(50)
1 – 450(50)

2 Day accommodation
Common room- 350+(50)
4 - 450+(50)
2 – 650+(50)
1 – 850(50)

3 Day accommodation
Common room- 500+(50)
4 - 650+(50)
2 – 850+(50)
1 – 1000(50)

OTHER CONTACTS

TECHNICAL AFFAIRS SECRETARY	BEN THOMAS	9778138844
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TATHVA '23
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