



GOVERNMENT COLLEGE OF ENGINEERING (Autonomous)

BARGUR- 635 104

Department of ECE

AGENDA

DAY: 1 (09-04-2026)

Starts at (10 AM)

- 1) Thamizhthai Valthu
- 2) Lighting the lamp
- 3) HOD speech
- 4) A Small Introduction – REVIVA'23
- 5) Presidential Speech
- 6) Chief Guest Speech
- 7) Honoring with Bouquet
- 8) Inaugural Dance
- 9) Tea Break (11:00 AM to 11:15 AM)
- 10) Technical Events (11:15 AM to 12:45 PM)
- 11) Lunch Break (12:45 PM to 1:30 PM)
- 12) Technical Events (1:30 PM to 3:15 PM)
- 13) Tea Break (3:00 PM to 3:15 PM)
- 14) Technical Events (3:15 PM to 3:45 PM)
- 15) Session End (4.00 PM to 4.45 PM)

DAY: 2 (15-03-2023)

Starts at (9:30 AM)

- 1) Valedictory Function (10:00 AM to 10:15 AM)
- 2) Prize distribution (10:15 AM to 10:45 AM)
- 3) Tea Break (10:45 AM to 11:00 AM)
- 4) Cultural Event (11:00 AM to 01:00 PM)
- 5) Lunch Break (01:00 PM to 02:00 PM)
- 6) Cultural Event (02:00 PM to 5:00 PM)



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DAY - 1 of Reviva'26

DATE: 09/04/2026

DAY: THURSDAY

TECHNICAL EVENT SCHEDULE

TIMING	VENUE	EVENTS
8.30AM-9.45AM	ECE department	On-Campus event registration
10.00AM-11.00AM	Seminar Hall (1 st floor)	Inauguration ceremony
11.00AM-11.15AM	Tea break	
11.15AM-12.45PM	Seminar Hall (1 st floor)	<u>Innopaper summit</u> (Paper Presentation)
11.30AM-12.15PM	Electronics Laboratory (1 st floor)	Future Builders Arena(Project Expo)
12.15PM-12.45PM	3 rd and Final year classroom (Ground floor)	Mind Maze (Quiz) (Round-I)
12.45PM-1.30PM	Lunch Break	
1.35PM-1:55PM	Electronics Laboratory (1 st floor)	Circuit Debugging (Round -1)
1.55PM-2.20PM	EMI/EMC lab	Mind Maze (Quiz) (Round-II)
2.25PM-2.45PM	VLSI and DSP laboratory(1 st floor)	Crack The Code: ➤ Round-1(Easy level)
2.50PM-3.15PM	Electronics Laboratory (1 st floor)	Circuit Debugging (Round -II)
3.15PM-3.25PM	Tea Break	
3.25PM-4.00PM	3 rd year classroom (Ground floor)	Tech Talk and Puzzles
4.05PM-4.35PM	VLSI and DSP laboratory(1 st floor)	Code debugging -II
4.35PM-5:25PM	Seminar Hall (1 st floor)	Session end ceremony



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Technical Event – INNOPAPER SUMMIT

Max members per team: 04 - 02(min)

Prizes:

- First Prize – ₹1000
- Second Prize – ₹800
- Third Prize – ₹600

TOPICS FOR PAPERANZA:

S.No	TOPICS
1	Embedded Systems(AI/ML)
2	IOT and LoRa Communication
3	MEMS and Antenna design
4	EMI /EMC compatibility
5	PLC and Robotics
6	Low Power Design
7	Image processing
8	Automotive electronics
9	AI in Wireless communication
10	VLSI design and Testing
11	5G Wireless system
12	Optical Fiber Communication
13	Low Power Wireless communication Design
14	Others (Technical related topics)

DURATION:

TEAMS	TIMING
Per team presentation	10 (Max)
Viva-Voce	03
Total	13



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Technical Event – FUTURE BUILDERS ARENA

Max members per team: 02

Prizes:

- First Prize – ₹1000
- Second Prize – ₹800
- Third Prize – ₹600

TOPICS FOR PROJECT PRESENTO:

- Participants can choose their own innovative ideas in their familiar field.

DURATION:

TEAMS	TIMING (minutes)
Per team presentation	10
Viva-Voce	05
Total	15



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Technical Event – MIND MAZE [QUIZ]

Max members per team: 02

Prizes:

- First Prize – ₹400
- Second Prize – ₹300
- Third Prize – ₹200

ROUND 1:

- Written Exam (Multiple Choice Questions)

Subject	No. of Questions	Marks	Duration (minutes)
Numerical Aptitude	10	10	30
Technical Questions	20	20	
Total	30	30	

Syllabus for Numerical Aptitude:

S. No.	Numerical Aptitude Topics
1	Average
2	Compound Interest & Simple Interest
3	Data Interpretation
4	LCM / HCF
5	Permutation and Combination
6	Mixture and Alligation
7	Number System
8	Percentage
9	Profit, Loss & Discount
10	Ratio & Proportion
11	Time & Work
12	Time, Speed & Distance

Syllabus for Technical Round-1

S. No.	Technical Questions Topics
1	Basics of Electronic Devices and Circuits
2	Circuit Theory
3	Analog Communication
4	Digital Circuits
5	Communication Protocols
6	Semiconductor Devices and their applications
7	Embedded system
8	C-Programming

Marking Scheme for Round-1

Answer	Marks Allotted
Correct Answer	+1 Marks
Incorrect Answer	0 Marks
Un attempted questions	0 Marks

ROUND-2

- Qualified Teams from Round 1
- Quiz (Excluding MCQs)
- NAT Questions

Subject	No. of Questions
Technical Questions	15

Syllabus for Technical Round-2

S. No.	Technical Questions Topics
1	Basics of Electronic Devices and Circuits
2	Network Theory
3	Embedded Systems Basics
4	Analog and Digital Circuits
5	Communication Protocols(UART,I2C,SPI)
6	Semiconductor Physics and Devices basics
7	Microprocessor and Microcontrollers basics
8	Linear Integrated Circuits
9	Timers ,ADC,PWM and Interrupts
10	Basics of C-Programming(Operators , Storage class , Pointers , Datatypes and bit manipulation)

Marking Scheme Round-2

Answer	Marks Allotted
Correct Answer	+10 Marks
Incorrect Answer	0 Marks
Un attempted questions	No negative marking



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Technical Event – ELECTROFIX

Max members per team: 02

Prizes:

- First Prize – ₹ 700
- Second Prize – ₹ 500
- Third Prize – ₹ 300

ROUND-1

Participants are given with the hands-on circuit that has bug, participants need to rectify the bug

Subject	No. Of questions	Marks	Duration (minutes)
Technical Questions	3	30	15

Syllabus for technical questions round-1

S. No.	Technical questions topics
1	Electronic Devices and Circuits
2	Circuit Theory
3	Network Theory
4	Series Circuits
5	Digital Circuits
6	Microprocessor and Microcontroller

Marking scheme for round-1

- Marks will be awarded based on the performance.

ROUND-2

- Qualified from Round 1

Subject	No. Of questions	Mark	Duration (minutes)
Technical Questions	2	20	30

Syllabus for technical round-2

Participants are given with the circuit title and the necessary components are also provided. Participants need to build the circuit.

S. No.	Technical questions topics
1	Circuit Theory
2	Electronic Circuit and Devices
3	Series Circuits
4	Digital Circuits
5	Network Theory

Marking scheme for round-2

- Marks will be awarded based on the performance.



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Technical Event – TECHSPHERE TALKS

Max members per team: 01

Prizes:

- First Prize – ₹ 400
- Second Prize – ₹ 300
- Third Prize – ₹ 200

Topics of Tech talk:

S.No	TOPICS
1	IOT
2	Microprocessor, Microcontroller
3	Semiconductor Devices(Diode, Transistors, op-amp, Rectifier)
4	Embedded system(Timer, Counter, Communication Protocol)
5	Evaluation(Android, Computers, Electronics in Medication, etc..)
6	Basics of Web development, AI,5G
7	Digital Image Processing
8	VLSI Design and Verification
9	Optical Communication
10	Wireless Communication(Bluetooth,Wi-Fi,Zigbee,LORA,RF)
11	Digital Electronics

DURATION:

TEAMS	TIMING (minutes)
For an individual person	Min=2 Max=5



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Technical Event – BRAIN BLITZ

Max members per team: 01

Prizes:

- 1st Price – ₹ 400
- 2nd Price – ₹ 300
- 3rd Price – ₹ 200

ROUND-1

- Engaging brain teasers that test mental agility, strategic thinking, and the ability to reason under pressure. These puzzles mirror the quick-thinking scenarios often presented by product companies.
- Participants will solve data-driven and scenario-based puzzles that evaluate reasoning speed, quantitative thinking, and structured problem-solving. This round emphasizes clarity of thought and accuracy.

Subject	No. of questions	Duration (minutes)
Round 1	5	7
Total	5	35

Syllabus for Round-1

S. No.	Topics
1	Lateral Thinking and Innovation-Based Puzzles
2	Optimization & Minimal-Step Strategy Puzzles
3	Quantitative Brain Teasers Used in Product Interviews
4	Constraint-Based Logical Deduction Puzzles
5	Analytical Problem-Solving Scenarios
6	Riddle-Based Logic Puzzles

Requirement:

- Participants must have strong problem-solving skills in logical reasoning, analytical thinking, and pattern recognition.
- Ability to solve high-difficulty puzzles involving sequences, deduction, lateral thinking, and optimization under time constraints.

Sample Questions:

- 1) You have 3 dominos. Each domino must touch at least one other domino. In how many distinct linear arrangements can they be placed?

Answer: **2**

- 2) A prisoner must choose between Door A (“Freedom is behind this door”) and Door B (“This sign is false”). Only one sign is true. Which door leads to freedom?

Answer: **D o o r B**

- 3) What is the minimum number of moves needed for a knight to reach the opposite corner of a chessboard?

(A1 → H8)

Answer: **6 moves**

References:

https://www.geeksforgeeks.org/aptitude/top-100-puzzles-asked-in-interviews/?utm_source=chatgpt.com

https://prepinsta.com/interview-preparation/puzzle/?utm_source=chatgpt.com



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Technical Event – BUG BUSTERS

Max members per team: 01	Prizes: <ul style="list-style-type: none">➤ 1st Price – ₹ 400➤ 2nd Price – ₹ 300➤ 3rd Price – ₹ 200
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Syllabus for Crack The Code:

- In C programming ,find out errors in
 - Variables
 - Data types
 - Operators
 - Conditionals and Loops
 - Functions
 - Recursion
 - Pointers
 - Data Structures (Arrays, Stack, Queue)

ROUND 1:

- Written Exam (Multiple Choice Questions + Algorithm)

Subject	No. of Questions
Technical Questions	12

Marking Scheme for Round-1

Answer	Marks Allotted
Correct Answer	+1 Marks(Algo- 5)
Incorrect Answer	0 Marks
Un attempted questions	0 Marks

ROUND-2

- Qualified Teams from Round 1
- Written Exams (Reframe the code)

Subject	No. of Questions
Technical Questions	5

Marking Scheme Round-2

Answer	Marks Allotted
Correct Answer	+10 Marks
Incorrect Answer	0 Marks
Un attempted questions	No negative marking