



Dr. Ashish M. Mahalle
Principal, GCOEA



Dr. Rajesh M. Metkar
Dean (R&D), Convenor, IIC



Dr. Prashant R. Deshmukh
Head of Department, ENTC



Dr. Shubhada S. Thakare
Innovation & Incubator Activity
Coordinator



Dr. Shantanu A. Lohi
Co-Convenor IIC



Mr. Pratik Raghuwanshi
Student Advisory, IIC



Ms. Palak Chandak
Overall Coordinator, IIC



Mr. Tejas Mendhe
Technical Head



Ms. Rutuja Jadhav
Digital Marketing Head



Mr. Sumit Bhisale
3rd year Coordinator



Mr. Anurag Wankhede
4th year Coordinator



Mr. Om Rathod
2nd yr Coordinator



Government College of Engineering, Amravati

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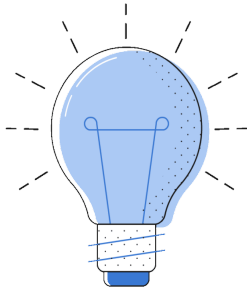
**Institution's Innovation Council - Department of
Electronic and Telecommunication**

PRESENTS

INNOWAVE'24

**APP DEVELOPMENT
HACKATHON**





VISION

Nurturing the Blend's dedication to Entrepreneurship, Education, and Innovation

MISSION

To empower and facilitate the pre-incubators, start-ups, first-generation entrepreneurs



ABOUT INNOWAVE'24

The InnoWave'24 Hackathon is a collaboration between the Institutions Innovation Council (IIC) of the Government College of Engineering Amravati and Ksham Innovation Pvt. Ltd. It is an exciting event that aims to bring together students and industry professionals to foster collaboration and problem-solving skills. Participants of the hackathon will have the opportunity to work on real-world problem statements provided by industries. This hands-on experience will allow them to tackle challenges and offer fresh perspectives.

TIMELINE



- 18/01/2024 to 31/01/2024 - Team Registration (The team should start building their app as soon as they register.)
- 20/01/2024 to 05/02/2024 - App submission (video, related documentation & links)
- 08/02/2024 - 1st round results Shortlisting
- 15/02/2024 - Final pitching round at Government College of Engineering Amravati.

Government College of Engineering Amravati
(For students participating from distant cities, there is an online pitching option available.)



LOCATION

PERKS



- Win awesome prizes (INR 10,000 prize pool) and recognition.
- Up to Six months Paid Internship opportunity at Ksham Innovation.
- Gain hands-on experience in solving real challenges.
- Network with professionals and like-minded peers

Registration
31 JAN

Submission
05 FEB

Finals
15 FEB

Institution's Innovation Council
Government College of Engineering, Amravati

INNOWAVE'24

APP DEVELOPMENT HACKATHON



ARE YOU READY

Prize Pool
10K

&

Paid Internship
opportunity at
Ksham Innovation Pvt. Ltd.

Win awesome prizes
(INR 10,000 prize pool),
Paid Internship
& recognition.

Gain hands-on
experience in solving
real challenges.

Scan for
registration



Contact :

Tejas Mendhe : +91 87678 41367

Om Rathod : +91 86249 38202

Email Address : iic.extc.gcoea@gmail.com



T & C apply



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)



INNOWAVE'24 IGNITING INNOVATION

INTRODUCTION

The InnoWave'24 Hackathon is a collaboration between the Institutions Innovation Council (IIC) of Government College of Engineering Amravati and Ksham Innovation Pvt. Ltd. It is an exciting event that aims to bring together students and industry professionals to foster collaboration and problem-solving skills.

Participants of the hackathon will have the opportunity to work on real-world problem statements provided by industries. This hands-on experience will allow them to tackle challenges and offer fresh perspectives. The event promises to be a great opportunity for growth and recognition, with a prize pool of INR 10,000 and potential paid internship opportunity up to Six months at Ksham Innovation Pvt. Ltd.

Overall, the InnoWave'24 Hackathon provides a platform for students to showcase their skills, collaborate with professionals, and gain valuable industry experience.

PROBLEM STATEMENT DETAILS

Category	Software
Domain Bucket	Mobile Application
Problem Statement	<ol style="list-style-type: none"> 1. Basic Mobile App which will pick up all surrounding sound using the mobiles microphone. 2. Process the detected sound and specifical select the human speech sound. 3. Amplify and Transmite the selected human speech sound to the connected bluetooth audio device.
Description	<p>Your task is to design a basic mobile app capable of capturing all the sounds in your surroundings using the Mobile phone's microphone. Once captured, the app should smartly identify and isolate human speech from the surrounding sound mix. Once the human speech is identified, the application should implement an amplification process to enhance the volume of the selected speech and seamlessly transmit it to any connected Bluetooth audio device with minimum noticeable delay. The objective is to create a user-friendly (UI/UX) mobile app that captures the surround sound and extracts human speech sound and also sends it to connect Bluetooth devices.</p>

INNOWAVE'24 IGNITING INNOVATION

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LOCATION

- Government College of Engineering Amravati
(For students participating from distant cities, there is an online pitching option available.)

ELIGIBILITY CRITERIA

- Software developers, designers, and Students passionate about software solutions.
- All skill levels are welcome – from beginners to coding wizards.
- Have a profound knowledge in Java, Kotlin, Flutter, React.
- Team should consist of 2 members (one person team is also welcomed)

SUBMISSION DETAILS

Steps :

1. Go to the submission Google Form link (link will be active from 20th of January)
2. Proceed according to given instruction in the form
3. Submission of your work should contain a demonstration video link.
4. Simple technical document about the project and also your approach.
5. Github repository link (optional).
6. Other previous projects related to it. (optional)

MARKING SCHEME

In this the marks distribution will be based on the following points-

- Approach toward problem statement.
- UI/UX
- Use of language (Java, kotlin, Flutter, React).
- Overall compatibility & scalability.
- API integration
- Other important fields like (your project, etc)

(The Jury decision will be final and any kind of nuisance will not be tolerated)





INNOWAVE'24 IGNITING INNOVATION

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- Up to Six months Paid Internship opportunity at Ksham Innovation Pvt. Ltd.
- Gain hands-on experience in solving real challenges.
- Network with professionals and like-minded peers

GUIDELINE

- Clearly understand the problem before diving into solutions.
- Submission of your work should contain a demonstration video link. (For submission)
- Adhere to ethical coding practices.
- The GCOEA IIC team has the authority to change the schedule or cancel the Hackathon event.
- Prepare a concise and engaging presentation. (For Finals)
- Clearly articulate your problem-solving approach and solution.
- Document your project's progress, challenges faced, and solutions implemented.
- Ensure that your code is well-commented and organized.
- Prepare a live demo of your solution. (For Finals)
- Ensure that your demo highlights the functionality and impact of your project. (For Finals)
- **You can not use hackathon work/development/code and any other material related for assessment or evaluation other than this event.**

To	 Person  Person  Person
Cc	 Person
Subject	Invitation for InnoWave'24 - Igniting Innovation

InnoWave'24 - Igniting Innovation

 Greetings from Team IIC-ENTC of Government College of Engineering!

The InnoWave'24 Hackathon is a collaboration between the Institutions Innovation Council (IIC) of Government College of Engineering Amravati and Ksham Innovation Pvt. Ltd. it's an event which brings engineering students across Maharashtra together to showcase their technical skills and problem-solving skills. Through this event we aim to encourage people to work on real-world problem statements provided by industries. This hands-on experience will allow them to tackle challenges.

Overall, the InnoWave'24 Hackathon provides a platform for students to showcase their skills, collaborate with professionals, and gain valuable industry experience.

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 **Venue:** Government College of Engineering Amravati

(For students participating from distant cities, there is an online pitching option available.)

 **Prize:** ₹ 10,000/- + Paid Internship opportunity

Registration link: <https://forms.gle/bSAUBmxq9Fhf5TM87>

Eligibility Criteria:

- Software developers, designers, and anyone passionate about software solutions.
- All skill levels are welcome – from beginners to coding wizards.
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Get ready to unleash your creativity and collaborate with other participants to come up with innovative solutions! Can't wait to see you there

Feel free to reach out to us regarding any queries, we're here to help!

Tejas Mendhe : +91 87678 41367
Om Rathod: +91 86249 38202
Email: iic.extc.gcoea@gmail.com
