Hack-a-Care 3.0, 2024

Organized by Rotaract Club of Waknaghat and Institution's Innovation Cell JUIT

Hack-a-Care 3.0, a 24-hour hackathon organized on November 16–17, 2024, was a flagship event designed to foster innovation in the healthcare sector. The event was organised by the Rotaract Club of Waknaghat and the Institution's Innovation Cell. This hackathon aimed to provide students a platform to develop impactful solutions to real-world healthcare challenges. Teams tackled problems in various streams, including mental health solutions, elderly care and accessibility, preventive healthcare, telemedicine and remote care, health education, healthcare for deprived communities, and an open category for broader healthcare challenges. A total of 25 teams, each comprising 2–4 students, registered for the event. The hackathon encouraged collaboration, technical excellence, innovation, and creativity, emphasizing the need for scalable and impactful solutions to address critical gaps in healthcare services.
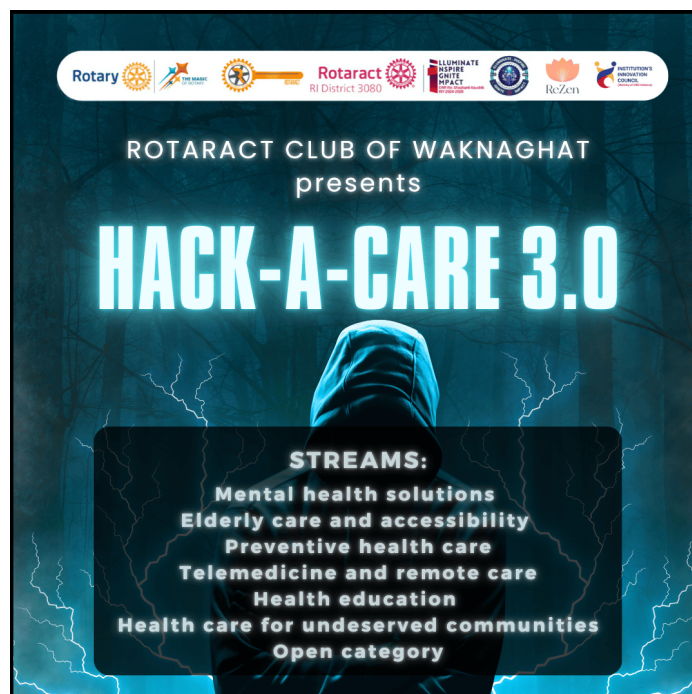
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Registrations for Hack-a-Care 3.0 opened on 12 November 2024 and closed on 14 November 2024. During this period, students from various disciplines enthusiastically formed teams and prepared for the competition. Participants were briefed about the hackathon guidelines, the evaluation criteria, and the streams available.

The hackathon officially commenced on 16 November 2024, with an opening ceremony held at 5:00 PM in the presence of esteemed faculty and invited guests. The ceremony began with a lamp-lighting ritual, symbolizing enlightenment and the start of a new journey. The lamp was lit by Dr. Vivek Kumar Sehgal (Head of Department CSE), Mr. Faisal Firdous, and the President of the Rotaract Club of Waknaghat. Following the lamp lighting, Dr. Vivek Kumar Sehgal delivered an inspiring address, highlighting the significance of innovation in healthcare and the role of young minds in creating transformative solutions. The President of the Rotaract Club also welcomed the participants and thanked the faculty and guests for their support. Afterward, teams were provided with their ID cards, marking the official beginning of Hack-a-Care 3.0 at 6:00 PM.

At 6:00 PM, participants dived into brainstorming and developing their solutions. Over the next several hours, teams worked diligently, leveraging their technical skills and creativity to design innovative healthcare solutions tailored to their chosen streams. At 12:00 AM, a mid-evaluation was conducted by final-year students to assess the teams' progress. The evaluation focused on five key metrics:
1. Innovation and Creativity
2. Technical Implementation
3. Relevance to the Streams
4. Impact and Scalability
5. Presentation and Pitch

Out of the initial 25 teams, only 15 teams progressed to the final evaluation round, based on their scores in the mid-evaluation. The final evaluation began at 11:00 AM on 17 November 2024 and was conducted by Dr. Pradeep Garg and Mr. Faisal Firdous, both experts in their fields. Each team presented their projects, showcasing prototypes, technical designs, and the potential impact of their solutions. The evaluators provided valuable feedback and scored the teams on the evaluation metrics. The evaluators commended the participants for their innovative ideas,

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technical expertise, and commitment to addressing pressing healthcare challenges. The projects ranged from telemedicine solutions to tools for elderly care, reflecting the diversity of thought and creativity brought by the participants.

The hackathon concluded with a closing ceremony, where the winners were felicitated and the event's success was celebrated. The organizers delivered a vote of thanks, expressing gratitude to the faculty, evaluators, participants, and sponsors. Participants were applauded for their enthusiasm and hard work, which made Hack-a-Care 3.0 a memorable and impactful event.

Participating Teams

1. **Team shekhar** (Aaditya shekhar singh, Shivank, Harshit)
2. **FUSIONcells** (Yash panchal, Anshit guleria, Ayush Bhardwaj, Mradul Singh)
3. **The OG's** (Nitish sharma, Devansh khurana, Yashika)
4. **Bitwise** (Manya Sharma, Ashna Sharma, Himanshi rawat)
5. **Paracetamol** (VRISHAB DAS, Anshit Puri, Rushil Agnihotri, charu)
6. **The cure crew** (Pushkar, Puroorava Maitre, Pranay Makkar, dhruv pratap singh)
7. **Naag Shakti** (Aman Kumar, Aaditya Kumar, Namya Sharma, Rahul Changra)
8. **Techtitans** (Navya, Kartik garg, Pranjal sharma, Krishna agarwal)
9. **Leo** (Sameer verma, Swapnil tomar, Swastik)
10. **404 (Karunesh Verma,** Vansh Choudhary, Aditya Bansal)
11. **Team Shamli** (Nitin Kumar, Raghav, Archit, Anurag goyal)
12. **Ghost_freak** (Shivani singla, Aditya Singh, Sarvesh mehta, Kavyansh gupta)
13. **Innovision** (Yash Tripathi, Shreya Tyagi, Akash Pratap Singh, Anshika Bharadwaj)
14. **Dheeshakthi** (Aryan, Manik kapoor, Lakshya walia, Lakshay goyal)
15. **Mindmeld** (Shaivya Dhall, Sujal Chauhan)
16. **Eureka** (Abhinav, Mannat arora, Chinmay Gupta)
17. **Coding Champions** (Ananya, Rakshit)
18. **Marrow** (Abhimanyu singla, Sujal Dwivedi, Sushant vohra, Mayank thakur)
19. **Chips (Sarthak, Anu**j Dhiman, Aviral Gupta, Sidhant singh)
20. **Sparks (Shivam Sh**arma, Simran Manhas, Megha Jamwal, Salvia)
21. **BioBytes** (Prerak Chauhan, Devansh Kalia, Aditya Sharma, deepak thakur)
22. **Nirvana (Krishna Pratap Singh, Haripriya Tripathi, Manya Se**thi, Manya sharma)

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23. **Digital demons** (Nishit Aggarwal, Aabhya Thakur, Divyansh saxena, Ritish Chadha)
24. **Kaju katli** (Satvik Verma, Anshuman Gupta, Jayant Anand, Nandini Chauhan)
25. **Obscura** (Kartik sharma, Khushi Goyal, Rajluxmi Singh)
26. **Fall** (Sambhav Thakur, Anmol Thakur)

Results and Awards : After rigorous evaluation, the top three teams were announced:

a. First Place: Team Innovision (Yash Tripathi, Shreya tyagi, Akash Pratap Singh, Anshika bhardwaj) – Prize: ₹5,000

b. Second Place: Team Obscura (Kartik Sharma, Rajluxmi singh, Khushi goyal) – Prize: ₹3,000

c. Third Place: Team Naag shakti (Aman Kumar, Aaditya kumar, Namya Sharma, Rahul changra) – Prize: ₹2,000

The winning teams demonstrated exceptional creativity, technical skills, and a deep understanding of healthcare needs.

Hack-a-Care 3.0 provided a platform for students to explore the intersection of technology and healthcare, encouraging them to think beyond conventional boundaries. The event highlighted the importance of innovation in solving real-world problems and inspired participants to continue pursuing solutions for the betterment of society.

Event Photos

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