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SRI RACHAPUDY NAGABHUSHANAM DEGREE & P.G. COLLEGE

(U.G.C. Recognised & Permanantly Affiliated to Yogivemana University, Kadapa)
Nellore Road, BADVEL - 516 227. Kadapa Dist. A.P., India.

No: SRNBDPGC/CC/2024-25/15

Date: 10-08-2024

CIRCULAR

This is to inform all B.Sc., BCA – II & III Year students that the Department of Computer Science is organizing “Smart India Hackathon” on 16-08-2024 to strengthen technical competency of the students.

Details of the program are provided below:

- **Date:**16-08-2024
- **Start Time:**10:00 AM
- **Venue:**Offline

All interested students are ask to contact Ms. C. MOUNIKA, Assistant professor, Department of Computer Science for the registration and further process.




Principal

SRI RACHAPUDY NAGABHUSHANAM,
DEGREE & PG COLLEGE,
BADVEL- 516 227, YSR Dt.

Copy to:

1. All HODs
2. IQAC Coordinator
3. Administrative Officer
4. Notice Board
5. For filling



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Date:17-08-2024

Report on Hackathon "Smart India Hackathon"

The Department of Computer Science at Sri Rachapudy Nagabhushanam Degree & PG College, Badvel organized an in-house Hackathon on "Smart India Hackathon" (SIH) on 16-08-2024. This initiative aimed to simulate the national-level Smart India Hackathon organized by the Government of India, enabling students to experience the thrill of real-time problem-solving. It also served as a training platform for those aspiring to participate in the official SIH 2024.

Objectives

The core objectives of this hackathon were:

- To familiarize students with the format and expectations of the Smart India Hackathon.
- To promote innovation, teamwork, and technology-driven problem-solving.
- To encourage students to identify real-life problems and design practical, scalable solutions.
- To build confidence and readiness for national and international hackathon competitions.
- To foster interdisciplinary collaboration and the spirit of entrepreneurship.

Program Highlights

- **Event Title:** Hackathon on "Smart India Hackathon"
- **Date:**16-08-2024
- **Venue:** Computer Science Lab, Sri Rachapudy Nagabhushanam Degree& PG College, Badvel
- **Organized by:** Department of Computer Science
- **Participants:** Final year and pre-final year B.Sc (Computer Science) and BCA students
- **Team Formation:** 12 teams (5-6 members each)
- **Themes Covered:**
 - Smart Education
 - Agriculture & Rural Development
 - Healthcare & Biomedical Devices
 - Smart Communication
 - Transportation and Logistics
 - Environment & Sustainability

Event Structure:

- Inauguration by the Principal and HOD
- Ideation round and mentor review
- 8-hour coding & development session
- Final presentations and project demos
- Judging by internal faculty panel

Participation

- **Total Participants:** 60 students
- **Number of Teams:** 12
- **Mentors Involved:** 5 faculty members
- **Judges Panel:** Internal faculty and industry guest

Top Performing Teams:

- **1st Place:** Team Innovators – "AI-based Crop Health Monitoring App"
- **2nd Place:** Team CodeWave – "Smart College Bus Tracking System"
- **3rd Place:** Team GreenTech – "IoT-Based SmartDustbin"

Outcomes

The hackathon led to several impactful outcomes:

- Students developed functional prototypes addressing real-world problems.
- Increased student awareness and preparedness for Smart India Hackathon.
- Enhanced skills in coding, UI/UX design, teamwork, and agile development.
- Students gained experience in presenting and defending technical solutions.
- Shortlisted projects were nominated for further refinement for national-level competitions.

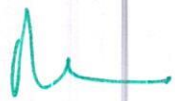


Conclusion

The Hackathon on Smart India Hackathon at Sri Rachapudy Nagabhusanam Degree & PG College, Badvel was a resounding success. It not only provided students with hands-on experience in solving practical problems but also ignited their passion for innovation and social impact through technology. The Department of Computer Science is committed to continuing such initiatives that align academic learning with real-world application and national-level exposure.


Coordinator




Principal
Principal
Sri Rachapudy Nagabhusanam
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