

**Report
of
CG CODE WAR HACKATHON
Held On: 28.02.2023**

Computer Science and Application Department of Atal Bihari Vajpayee University, Bilaspur has organized first state level CG CODE WAR HACKATHON on 28.02.2023 on the occasion of National Science Day with the help of CODING CLUB. Students have identified various problem statements being faced under different branches of Computer Science. Android App for Social Use, Artificial Intelligence and Machine Learning, Application of IoT problem have been provided to the students during Hackathon. In this Hackathon students from the various part of the state presented their prototype and model in the form of live demonstration.

In the event teams from colleges and schools have participated. The students have developed models related to Android App for the use of social cause and IoT for the use in home, smart city as well as in industry. The ideas presented by these students were innovative in nature and they were happy to get this opportunity to show their work. Distinguish guest and judges have asked many questions related to improve their work.

Inauguration of State level Hackathon:

Program was inaugurated by the Hon'ble Vice Chancellor Prof A. D. N. Bajpai along with the president of Indian National Congress Prof. Vijayalakshmi Saxena and all other guest members. At the time of inauguration faculties from all the departments of university were present. During inauguration the HOD Dr. H.S. Hota and Co-ordinator of hackathon Dr. Shriya Sahu were present.

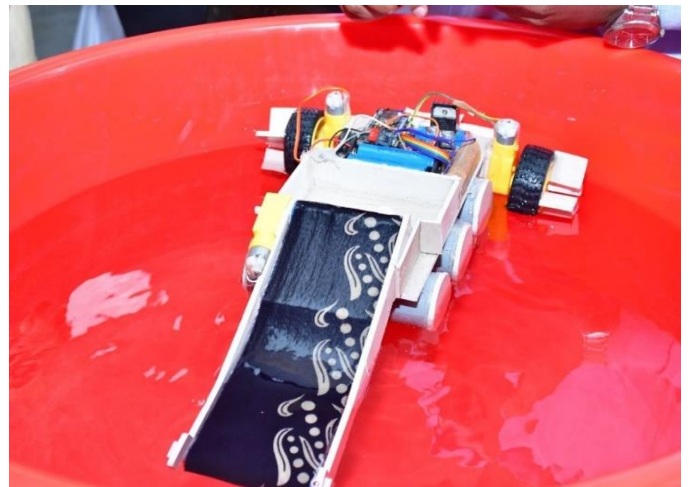


The theme of the hackathon has been decided as per the emerging areas of Computer Science and Information Technology. The details of which are as below:

Particulars	Details
Number of Themes	03
Name of Themes	Android App for Social Use, Artificial Intelligence and Machine Learning, Application of IoT.
Number of Colleges participated	06
Number of Universities participated	03
Number of Schools participated.	02
Total Number of Teams	54
Total number of Participants	150

Model Presentation and Demonstration

All the students who had participated in the event presented different types of models related to different themes given to them. They have demonstrated about the methodology, implementation and architecture of their model.





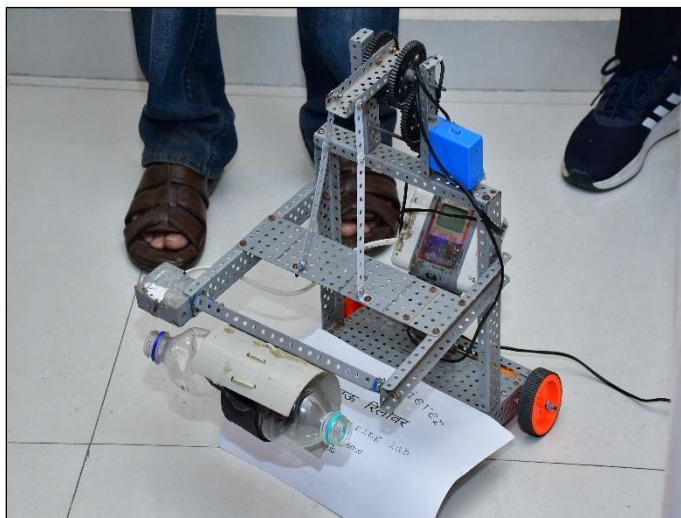
Students from colleges were also participated in the event to showcase their model and application. Students prepared IoT application related to road safety, Machine learning application related to language translation like Chhattisgarhi to Hindi translation and application related to android.

Students from many schools also participated in the event to showcase their ideas and model related to various fields and techniques. All the school students who have participated in the event are energetic and enthusiastic to learn and adopt the suggestion and advices of dignitaries who were presented there.





Students also developed a machine to clean water of water bodies like river etc. As we all know the importance of water conservation is very important now a days, therefore this model is very beneficial for all the human being and environment. This different innovation done by students had encouraged another student also.



In each category the best model has been selected by the judges and awarded as first, second and third position as below:

S. No	Team Name	Team Members	Instituion	Theme	Position
1	MARLIN GROUP	Vedant Singh, Atharva Bhavsar, Ayush Suryawanshi	Guru Ghasidas University, Bilaspur	Artificial Intelligence and Machine Learning	1 st
2	PANKAJ KASHYAP	Pankaj Kashyap	Atal Bihari Vajpayee University, Utd, Bilaspur	Artificial Intelligence and Machine Learning	2 nd
3	VANVI GROUP	Shivani Singh Thakur, Madhavi Kaushik	Atal Bihari Vajpayee University, Utd, Bilaspur	Artificial Intelligence and Machine Learning	3 rd
4	CONNECT TECH GROUP	Nayab UL Malik, Abubakar Quadri.	Chouksey Engineering College, Bilaspur	Application of IoT	1 st
5	ROBO SQUAD GROUP	Piyush Marmandey, Nagesh Dewangan, Bhavik Nahar	DP Vipra College, Bilaspur	Application of IoT	2 nd
6	SCIENCE COLLEGE	PALAK, Lavish Pal, Kaushal Kumar, Shubham, Namrata	Govt E.R.R Science PG College, Bilaspur	Application of IoT	3 rd
7	SANGYAN	Om Kumar Yadav, Nikhil Verma	Govt Engineering College, Bilaspur	Android App for Social Use.	1 st
8	SAURABH CHOWDHARY	Saurabh Chowdhary	Lakhmi Chand Institute of Technology, Bilaspur	Android App for Social Use.	2 nd
9	Dhiti	V Vinay Kumar, Priyanshu Anand, Amisha Singh Chandel	Govt. Engineering College, Bilaspur	Android App for Social Use.	3 rd

Photos of the award winner:



Photos of the award winner



CG Code War Hackathon on the print media

सीयू, जीईसी व चौकसे के विज्ञान माडल सर्वश्रेष्ठ

आयोजन ● अटल बिहारी वाजपेयी विश्वविद्यालय में हुई कार्यशाला, अलग-अलग श्रेणियों में हुआ चयन

बिलासपुर (नईदुनिया प्रतिनिधि)। राष्ट्रीय विज्ञान दिवस के अवसर पर आयोजित कार्यशाला में विज्ञान प्रदर्शनी के प्रतिभागियों का चयन किया गया। चार अलग-अलग श्रेणियों में चुनाव किया गया। जिसमें गुरु घासीदास केंद्रीय विश्वविद्यालय, जीईसी, चौकसे कालेज और स्वामी आत्मानंद मल्टीपरपज स्कूल के विज्ञान माडल सबसे सर्वश्रेष्ठ रहा।

मुख्य अतिथि इंडियन साइंस कांग्रेस एसोसिएशन की अध्यक्ष प्रो. विजय लक्ष्मी सक्सेना रही। विशिष्ट अतिथि के रूप में पंडित सुंदरलाल शर्मा मुक्त विश्वविद्यालय के कुलपति प्रो. बंश गोपाल सिंह, डा. सीवा रमन विश्वविद्यालय के कुलपति प्रो. आरपी सिंह एवं इंडियन साइंस कांग्रेस एसोसिएशन के पूर्व अध्यक्ष प्रो. अशोक



राष्ट्रीय विज्ञान दिवस के अवसर पर उपस्थित अतिथि ● नईदुनिया

सिंह उपस्थित थे। कार्यशाला के बाद चयनित प्रतिभागियों की घोषणा की गई। मुख्य अतिथि प्रो. विजय लक्ष्मी ने विशेष तौर पर यह अवार्ड छात्रों को दिया है, जिन्होंने बायोमेट्रीक सिस्टम बनाया था

तथा विभिन्न महाविद्यालयों के श्रेष्ठ पांच प्रतिभागियों को 30 मार्च कोलकाता में अपने प्रोजेक्ट को प्रदर्शित करने आमंत्रित किया गया है। इसके अतिरिक्त अन्य दो प्रोजेक्ट के प्रतिभागियों को कोलकाता

प्रमुख श्रेणियों में चयनित प्रतिभागी

01 एआइ व एमएल

गुरुघासी दास विश्वविद्यालय - वेदांत सिंह, अर्धव भवसार, आयुष सूर्यवंशी
एयू यूटीडी, कम्प्यूटर साइंस - पंकज कश्यप
एयू यूटीडी, कम्प्यूटर साइंस - शिवानी सिंह, माधवी कौशिक

02 एप्लीकेशन फर आइओटी

चौकसे इंजीनियरिंग कालेज, - नायब उल मलिक, अकबर कुरेशी
डीपी थिप्र पीजी महाविद्यालय - पीयूश मार्कण्डेय, नागेश देवांगन, भाविक साइंस कालेज - पलक लविश पाल,

कौशल, शुभम, नम्रता

03 एंड्राइड एप फार सोशल यूज

जीईसी बिलासपुर - ओम यादव, निखिल, एलसीआईटी बिलासपुर - सौरभ चौधरी
जीईसी बिलासपुर - विजय, प्रियांशु, अमीशा सिंह

04 स्कूल

स्वामी आत्मानंद मल्टीपरपज स्कूल - मोहित, देव,
स्वामी आत्मानंद मल्टीपरपज स्कूल - विवेक तंबोली
स्वामी आत्मानंद मल्टीपरपज स्कूल - आर्यन देवांगन

में सम्मान के लिए आमंत्रित किया गया। प्रदर्शनी के दौरान कम्प्यूटर साइंस एंड एप्लीकेशन विभाग के द्वारा राज्य स्तरीय

हैकाथान का आयोजन एआई तथा एमएल, आइओटी, एंड्राइड एप के लिए किया गया।