Name of The Activity:

<Code-A-Thon 1.0>
Summary of The Event:

<Code-A-Thon 1.0> was a remarkable event hosted by the Institution's Innovation Council (IIC) of ABESIT at ABESIT Campus, a leading engineering institute in Ghaziabad, India. The event aimed to foster innovation, creativity, and problem-solving skills among the third-year students, and it attracted a huge participation from students of all branches. The event kicked off with a lot of excitement and energy, with students and faculty members joining in to celebrate the start of the competition. On 28th December 2022, in Round 1 students from all branches competed in the initial rounds of the competition, based on their innovative ideas and problem-solving skills. Twenty-Five teams made it to the 2nd (Final) round of the competition on 29.12.2022, where they had a chance to present their ideas and solutions to a panel of judges. The final round was very challenging, and the teams gave their best in showcasing their solutions. The judges evaluated the submissions based on a set of rigorous criteria. <Code-A-Thon 1.0> also rewarded the top three teams for their innovative solutions with cash prizes. The first prize was INR 11000, the second prize was INR 7500, and the third prize was INR 5000. But later the Third prize was shared among two drawing teams. <Code-A-Thon 1.0> was not just about presenting ideas, but also about implementing them. Therefore, the teams had to present a working model of their solution, along with the programmed code, to show that their solution was feasible and could be applied in real-world scenarios. This was a key feature of <Code-A-Thon 1.0>, as it made sure that the solutions were not just theoretical but had the potential to be applied in the real world. It also helped the teams improve their solutions and make them more practical and effective. <Code-A-Thon 1.0> was a holistic event that inspired students to think creatively, create innovative solutions, and present them in a realistic and feasible way. The cash prizes given to the winners gave extra motivation for the students to do their best and come up with innovative solutions that could benefit society. The event was a huge success, and it gave a great opportunity for the students to display their skills and creativity. It emphasized the importance of innovation and problem-solving skills in today's world and motivated the students to think differently and come up with solutions that can make a positive impact on society. In summary, <Code-A-Thon 1.0> was a great initiative by the IIC of ABESIT, and it achieved its goal of promoting innovation and creativity among the students.

Activity Name	<Code-A-Thon 1.0>
Type Of Activity	IIC Driven
Mode Of Conduct	Offline, IoT Lab Second Floor, ABESIT Campus
Date	28-29 December,2022
Facebook Link	https://www.facebook.com/100064061800627/posts/pfbid02pTsRm4Cz27kBLwZMe9Jrd8bkarcUPwm6QvDUs3YUREEgATC9gmDGVMtWEgudfQNKl/?app=fbl
Video Link	LINK
Event Coordinator & Faculty Coordinator	1. Prof. (Dr.) Avinash Kumar Sharma 2. Prof. (Dr.) Veena Bharti 3. Prof. (Dr.) Shipra Saraswat 4. Prof. Rupa Rani 5. Prof. Satyam Kumar Saini 6. Prof. Krishan Kumar 7. Prof. Sandeep Kumar
Judges & Evaluators	1. Prof. Gaurav Kansal 2. Prof, Krishan Kumar 3. Prof. Gopal Gupta 4. Prof. Sanjeev Kumar 5. Prof. Avdhesh Kumar Tiwari 6. Prof. Sumit Kumar
Student Participation List	A. **For 1st Round (Shortlisting Round)** :

ABESIT   **<CODE-A-THON 1.0>**

Attendance Sheet(1st Round)   **Date 28.12. 2022**

Department- CSE				
Sr.No.	Project ID	Section	Students' Name	Roll No.
1	2020CSEPID01	A	Aman Gupta	2002900100012
2	2020CSEPID04	A	Aditya Kumar Pal	2002900100007
			Anubbhav Maurya	2002900100025
3	2020CSEPID06	A	Harshita Phulwani	2002901540042
4	2020CSEPID10	A	Abhinav Gupta	2002900100003
5	2020CSEPID13	A	Ashok Kumar	2002900100035
6	2020CSEPID16	A	Anurag Varshney	2002900100027

			Ashish Singh	2102900109003
7	2020CSEPID17	A	Akshit Sinha	2002900100011
			Ayush Gupta	2002900100042
			Charu Gupta	2002900100046
8	2020CSEPID18	A	Daksh Kotiyan	2002900100048
9	2020CSEPID19	A	Ankit Kumar	2002900100019
			Anuradha Saxena	2002900100026
10	2020CSEPID24	A	Kritarth	20029001540054
11	2020CSEPID04	B	Saadgi Singhal	2002900100127
			Gyan Ratan	2002900100064
			Harsh Tyagi	2002900100067
			Harshit Jain	2002900100068
12	2020CSEPID19	B	Himanshu Verma	2002900100070
13	2020CSEPID01	C	Sakshi Sathoo	2102900109008
			Vaishnavi Singh	2002900100175
			Vansh Aggarwal	2002900100176
14	2020CSEPID02	C	Shikhar Mishra	2002900100141
15	2020CSEPID04	C	Shubham Gupta	2002900100151
			Saurabh Pathak	2002900100136
			Vedant Agarwal	2002900100180
16	2020CSEPID05	C	Sachin Gupta	2002900100128
			Swati Singh	2002900100163
			Tanishka Rajput	2002900100164
17	2020CSEPID08	C	Satyarth Prakash Yadav	2002900100135
			Sakshi Singh	2002900100130
18	2020CSEPID11	C	Taniya	2002900100165
			Vaibhav Singhal	2002900100174
19	2020CSEPID13	C	Updesh Pratap Singh	2002900100173
20	2020CSEPID16	C	Vanshika Agarwal	2002900100177
21	2020CSEPID17	C	Saurabh Singh	2002900100137

Sr.No.	Project ID	Section	Students' Name	Roll No.
			Shivam Kumar	2002900100142
22	2020CSEPID18	C	Shivani Singh	2002900100148
			Shivam Yadav	2002900100147
23	2020CSEPID20	C	Sanil	2002900100132
24	2020CSEPID23	C	Sumit Kr Chaurasiya	2002900100158
	Total Participants:			42

		Department- CS-DS		
Sr.No.	Project ID	Section	Students' Name	Roll No.
			Himanshu Rai	2002901540044
1	3DSMP01	A	Atrikesh Mishra	2002901540026
			Deepak Kumar	2002901540029
2	3DSMP05	A	Baibhav Tiwari	2002901540027
3	3DSMP06	A	Anurag Yadav	2002901540021
			Deepanshu Bisht	2002901540030
			Divyansh Mittal	2002901540036
4	3DSMP08	A	Ekansh Kumar	2002901540037
			Harsh Malik	2002901540032
			Ishika Jain	2002901540047
5	3DSMP11	A	Kanan Sharma	2002901540051
			Devansh Singh	2002901540032
			Harsh Ojha	2002301540041
6	3DSMP13	A	Istekhar Khan	2002901540048
7	3DSMP15	A	Aman Sharma	2002901540015
			Aashish Chaudhary	2002901540001
8	3DSMP17	A	Aditya Sharma	2002901540008
9	3DSMP20	A	Anshuta Gupta	2002901540020
			Shashank Shukla	2002901540081
			Siddhi Sharma	2002901540087
10	3CSDSB01	B	Shweta Varshney	2002901540086
11	3CSDSB06	B	Arun Kumar Mishra	2102901540002

Sr.No.	Project ID	Section	Students' Name	Roll No.
			Abhishek	2102901540001
			Utsav Kumar Goyal	200290154095
			Priya	2102901549003
12	3CSDSB09	B	Vansheta Sharma	2102901549006
			Kavya Sharma	2002901540053
13	3CSDSB17	B	Nandini Kapoor	2002901540063
	Total Participants:			28

Department- IT

Sr.No.	Project ID	Section	Students' Name	Roll No.
1	3IT-MP03	A	Aryash	2002900130013
2	3IT-MP07	A	Aviral Sharma	2001900130014
	Total Participants:			2

Department- CS-AI

Sr.No.	Project ID	Section	Students' Name	Roll No.
1	22MPJ-AI-01	A	Ishan Sangal	2002901520058
			Anushka Singhal	2002901520028
			Aayushi Gupta	2002901520002
			Akash Gangwar	2002901520017
			Kamal Kumar	2002901520061
2	22MPJ-AI-02	A	Ali Shanas	2002901520021
			Aayush Sharma	2002901520001
			Bhavya Sachdeva	2002901520040
3	22MPJ-AI-03	A	Hemant Kumar Sharma	2002901520057
			Keshav Agarwal	2002901520066
4	22MPJ-AI-04	A	Avneesh Giri	2002901520035
			Darpan Varshney	2002901520044
5	22MPJ-AI-05	A	Aditya Pratap Singh	2002901520013
6	22MPJ-AI-06	A	Chirag Varshney	2002901520042

			Aditi Kumar	2002901520010
			Ayush Srivastava	2002901520038
			Gaurav Gupta	2002901520050
			Daksh Raghav	2002901520043
7	22MPJ-AI-07	A	Abhay Kumar Pandey	2002901520004
			Kaustubh Singh	2002901520065
8	22MPJ-AI-08	A	Gargi Tiwari	2002901520049
			Ansh Srivastava	2002901520027
9	22MPJ-AI-11	A	Kanishak Chaurasia	2002901520063
10	22MPJ-AI-12	A	Aftab	2002901520015
			Kanika Gola	2002901520062
			Abhishek Singh Chauhan	2002901520008
11	22MPJ-AI-13	A	Jaideep Solania	2002901520059
			Aryan Choudhary	2002901520031
12	22MPJ-AI-15	A	Harsh Chauhan	2002901520053
			Abhay Gautam	2002901520003
			Aditya Gupta	2002901520012
			Jhanak Verma	2002901520060
13	22MPJ-AI-19	A	Animesh Tyagi	2002901520025
			Aman Kaushal	2002901520022
14	22MPJ-AI-20	A	Gaurav Shishodiya	2002901520051
			Kshitij Parashar	2002901520069
15	22MPJ-AI-22	B	Shruti Sharma	2002901520111
			Shreya Gupta	2002901520109
16	22MPJ-AI-23	B	Shubham Singh	2002901520114
			Shikhar Raj	2002901520105
17	22MPJ-AI-24	B	Shreya Tyagi	2002901520110
			Khushi Verma	2002901520067
18	22MPJ-AI-25	B	Kratika Gupta	2002901520068

				Sarthak Jadoun	2002901520097
19	22MPJ-AI-26	B		Shubham Kumar	2002901520112
				Sameer Malik	2002901520095
				Mohd Faizan	2002901520073
20	22MPJ-AI-27	B		Shahdab	2002901520099
				Nidhi	2002901520077
21	22MPJ-AI-28	B		Rahmat Imam Rahbar	2002901520086
				Shalini Yadav	2002901520100
				Tanya Sharma	2002901520118
				Ravi Gupta	2002901520089
22	22MPJ-AI-29	B		Sahil	2002901520093
				Priyank Awasthi	2002901520082
				Lakshman Tripathi	2002901520070
				Pranjal Gupta	2002901520080
23	22MPJ-AI-30	B		Shivam Dubey	2002901520106
				Sarabjot Singh	2002901520096
24	22MPJ-AI-32	B		Muskan	2002901520074
				Priyanka Gupta	2002901520083
				Simran Yadav	2002901520116
25	22MPJ-AI-33	B		Shreya Soni	2102901529004
				Mihir Binoli	2002901520072
26	22MPJ-AI-35	B		Sarthak Tyagi	2002901520098
				Navanshu Maheshwari	2002901520075
				Nitin	2002901520079
27	22MPJ-AI-36	B		Vishal Sharma	2002901520124
				Ujwal Singh	2002901520122
				Shashank Patel	2002901520102
				Venis Kumar	2002901520123
28	22MPJ-AI-38	B		Simran	2002901520115

Sr.No.	Project ID	Section	Students' Name	Roll No.
			Tejveer	2002901520120
			Meet Rajput	2002901520071
			Rakshit Singh	2002901520088
29	22MPJ-AI-39	B	Tanish Mangal	2002901520117
30	22MPJ-AI-40	B	Puneet Kumar Goyal	2002901520085
			Shubham Kumar	2002901520113
			Wilson Daniel	2002901520126
31	22MPJ-AI-41	B	Shashank Srivastava	2002901520101
			Riya Gupta	2002901520091
32	22MPJ-AI-42	B	Tarun Yadav	2002901520119
33	22MPJ-AI-44	B	Shivam Kumar	2002901520107
34	22MPJ-AI-45	B	Shikha	2002901520104
35	22MPJ-AI-47	B	Nayan Pant	2002901520076
	Total Participants:			85
Department- CS-IoT				
Sr.No.	**Project ID**	**Section**	**Students' Name**	**Roll No.**
			Sonia Verma	2002901550032
1	22MPJ-IoT-07	A	Saurabh Kashyap	2002901550025
			Naman Tiwari	2002901550019
2	22MPJ-IoT-08	A	Jayant Jaiswal	2002901550011
			Mansi Varshney	2002901550016
			Raksha Awasthi	2002901550022
3	22MPJ-IoT-11	A	Maanav Mahajan	2002901520013
	Total Participants:			7
Total Teams				77
G. Total Participants				164

B. **For 2nd (Final) Round** :

ABESIT   **<CODE-A-THON 1.0>**

S.no	Project Id	Section	Students' Name	Roll No.	Department
Attendance Sheet(2nd Round-Shortlisted Teams) Date 28.12. 2022				

S.no	Project Id	Section	Students' Name	Roll No.	Department
1	3DSMP01	A	Himanshu Rai	2002901540044	CS-DS
			Atrikesh Mishra	2002901540026	
2	3DSMP06	A	Anurag Yadav	2002901540021	
3	3DSMP08	A	Deepanshu Bisht	2002901540030	
			Divyansh Mittal	2002901540036	
			Ekansh Kumar	2002901540037	
4	3DSMP11	A	Harsh Malik	2002901540032	
			Ishika Jain	2002901540047	
			Kanan Sharma	2002901540051	
5	3DSMP17	A	Aashish Chaudhary	2002901540001	
			Aditya Sharma	2002901540008	
6	3CSDSB17	B	Kavya Sharma	2002901540053	
			Nandini Kapoor	2002901540063	
7	3DSMP20	A	Anshuta Gupta	2002901540020	
8	22MPJ-AI-06	A	Chirag Varshney	2002901520042	CS-AI
			Aditi Kumar	2002901520010	
			Ayush Srivastava	2002901520038	
9	22MPJ-AI-07	A	Gaurav Gupta	2002901520050	
			Daksh Raghav	2002901520043	
			Abhay Kumar Pandey	2002901520004	
10	22MPJ-AI-11	A	Ansh Srivastava	2002901520027	
			Kanishak Chaurasia	2002901520063	
			Kanika Gola	2002901520062	
11	22MPJ-AI-13	A	Abhishek Singh Chauhan	2002901520008	

			Jaideep Solania	2002901520059	
12	22MPJ-AI-22	B	Kshitij Parashar	2002901520069	
			Shruti Sharma	2002901520111	
13	22MPJ-AI-36	B	Navanshu Maheshwari	2002901520075	
			Nitin	2002901520079	
			Vishal Sharma	2002901520124	
14	22MPJ-AI-40	B	Puneet Kumar Goyal	2002901520085	
			Shubham Kumar	2002901520113	
15	22MPJ-AI-41	B	Wilson Daniel	2002901520126	
			Shashank Srivastava	2002901520101	
16	22MPJ-IoT-08	A	Naman Tiwari	2002901550019	CS-IoT
			Jayant Jaiswal	2002901550011	
			Mansi Varshney	2002901550016	
			Raksha Awasthi	2002901550022	
17	22MPJ-IoT-11	A	Maanav Mahajan	2002901520013	
18	2020CSEPID10	A	Abhinav Gupta	2002900100003	CSE
			Ayush Gupta	2002900100042	
			Charu Gupta	2002900100046	
19	2020CSEPID18	A	Daksh Kotiyan	2002900100048	
			Anuradha Saxena	2002900100026	
20	2020CSEPID24	A	Kritarth	20029001540054	
			Gyan Ratan	2002900100064	
			Harsh Tyagi	2002900100067	
			Harshit Jain	2002900100068	
21	2020CSEPID19	B	Himanshu Verma	2002900100070	
22	2020CSEPID0	C	Vaishnavi Singh	2002900100175	

		2		Vansh Aggarwal	2002900100176	
				Shikhar Mishra	2002900100141	
	23	2020CSEPID04	C	Shubham Gupta	2002900100151	
	24	2020CSEPID13	C	Vaibhav Singhal	2002900100174	
				Updesh Pratap Singh	2002900100173	
	25	2020CSEPID18	C	Shivam Kumar	2002900100142	
				Shivani Singh	2002900100148	

<u>\<Code-A-Thon 1.0\> -Winner</u>

<u>Congratulation to all!!!</u>

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ABESIT				<CODE-A-THON 1.0>
Winner List				
Position	Project ID	Name of Students	Prize Money	Deptt.
1st	AI13	**KANIKA GOLA** ABHISHEK SINGH CHAUHAN JAIDEEP SOLANIA	₹11000	CS-AI
2nd	CSC4	**SHUBHAM GUPTA**	₹7500	CSE
3rd	CSA18	AYUSH GUPTA	₹2500	CSE

		DAKSH KOTIYAN		
		CHARU GUPTA		
3rd	CSB19	GYAN RATAN	₹2500	CSE
		HARSH TYAGI		
		HARSHIT JAIN		
		HIMANSHU VERMA		

Note: The Cheque will be issued in favour of Bold Lettered Name Student

Judging Criteria

Problem Statement			System Design	Presentation Skills	Execution	Max marks
Status of Problem Formulation	Innovative Solution	Social Impact/Business Model	System Design /Modelling Elements	Discussion/ Answer of queries	Execution	Total
5	5	5	5	5	5	30
Problem Statement Defined	Innovation defined clearly	Product View explanation	H/W , S/W Stack definition	Team Members involvement	Coding Knowledge	
Objectives Defined	Summarization, comparison and evaluation of innovation mentioned	Social Impact/business Model defined	Connectivity among different project modules	Communication	UI/UX Development	
Scope / Limitation of the project	Support from evidence	Data-based evidence to prove the statement	Connectivity of various elements of the	Body Language	Number of features/modules executed	

			complete project			
Feasibility Study			Diagrams /UI components	Q/A Handling	Testing Process	

Glimpses of the Event:

Key Outcomes of the Event:

1. The event encouraged the students of ABESIT to unleash their creativity, innovation, and problem-solving skills.
2. The students had the opportunity to display their talent, generate novel ideas, and design practical solutions to real-world challenges. The event also aimed to raise awareness of scientific issues and their social relevance, and to inspire participants to cultivate a scientific attitude and curiosity.
3. <Code-A-Thon 1.0> stressed the need for presenting solutions that were not only theoretical but also realistic and viable. To ensure this, the teams had to present a working model of their solution, along with the programmed code, to prove that their solution could be applied in real-world situations.
4. The event stimulated a spirit of competition among participants, motivating them to demonstrate their knowledge and comprehension of scientific concepts and developments.
5. By offering prizes, the event provided an incentive for the students to give their best efforts and come up with solutions that could have a positive impact on society.
6. Teamwork and management.