



HANSRAJ COLLEGE

University Of Delhi

NAAC Grade A++ with CGPA 3.71

**NIRF Rank # 12 (Amongst Colleges)
(2023-2024)**



हंसराज कॉलेज
— दिल्ली विश्वविद्यालय —

Event Name:- Round 2 Hackathon, Dark Patterns Buster 2023

Organized By:- Joint Collaboration of IIC and WDC, Hansraj College

Date:- 31/01/2024

Duration:- 8 Hrs

Convener:- Dr. Vidhi Khaduja

Coordinator(s):- Mr. Suyash Kumar

Number of student Participants:- 55

Number of Faculty Participants:- 05

Number of External Participants (If Any):- 30

Expenditure Amount (If Any):- Rs. 6700

Mode of Session Delivery (Online/Offline/Hybrid):- Offline

Objective of Program:- To identify the Dark pattern exist in ecommerce websites

Benefit in Terms of Learning /Skill/Knowledge Obtained:- Students learn about design, innovation and technology



उपभोक्ता मामले विभाग
DEPARTMENT OF
CONSUMER AFFAIRS



Hansraj College, University of Delhi Organises Round 2, DPBH 2023

Sponsored by **KSG**
An Institute For IAS Exam.

Government of India
Ministry of Consumer Affairs, Food & Public Distribution
Department of Consumer Affairs

The Dark Patterns Buster Hackathon (DPBH 2023)

"Protection of consumer interests is a priority of the government. This is also reflected in our resolution of the New India. Moving beyond Consumer Protection, New India will have Best Consumer Practices and Consumer Prosperity."

Shri Piyush Goyal
Hon'ble Minister

Sadhvi Niranjana
Jyoti
Hon'ble MoS

Shri Ashwini Kumar
Choubey
Hon'ble MoS

Break The Challenge on 31/01/2024

Dennis Ritchie Lab,
B block (2nd floor), Satya Khand



Prof. (Dr.) Rama
Principal
Hansraj College, UoD

Dr. Vidhi Khanduja
SPOC & Nodal Officer DPBH 2023 Round 2
CSD, Hansraj College, UoD
E-mail: vidhikhanduja@hrc.du.ac.in

Mr. Suyash Kumar
Coordinator, Inter-College DPBH Round 2
CSD, Hansraj College, UoD
E-mail: suyash@hrc.du.ac.in

Dr. N. S. Rajput
Convener, DPBH 2023
ECE, IIT(BHU) Varanasi
E-mail: dpbh2023@iitbhu.ac.in

Round–2 of DPBH'23

Date: January 31st, 2024

Venue: Dennis Ritchie Lab, Computer Science Department, Hansraj College, University of Delhi

Nodal Center Information

The second round of the DPBH-2023 was organized at Hansraj College, University of Delhi, a premier institution dedicated to teaching and research. Approved by UGC, the college is accredited with A++ Grade by NAAC and is ranked **three by India Today 2023 under the Accounting & Commerce** category. As the nodal center, the college was responsible for conducting the Round–2 of DPBH'23, which involved coordinating with the main event organizers, ensuring compliance with hackathon rules, and providing necessary resources for greater participation of the teams and for the smooth execution of the event.

Event Overview

Under the distinguished leadership and with the gracious blessings of Dr. Rama, the principal of Hansraj College, the Round-2 of DPBH'23 commenced at 10 am. The event witnessed the convergence of 15 enthusiastic teams, each eager to unveil their innovative solutions combating dark patterns. The event's success was further accentuated by the distinguished judging panel, featuring Mr. Saurabh Sharma [Chief Manager (BIS), Petronet LNG Ltd.], Dr. Ankit Rajpal [Assistant Professor, Dept of Computer Science, UoD] and Dr. Harmeet Kaur [Associate Professor, Dept of Computer Science, Hansraj College] each bringing a wealth of expertise to the evaluation process.

The heart of the event was the presentation sessions where teams, having invested tireless efforts into their projects, passionately showcased their solutions. Teams advanced to this round presented their prototypes/ detailed designs. With the team leaders acting as the main point of contact fostering positive communication, all the teams showcased a diverse range of skills, reflecting a blend of creativity, programming acumen, and effective collaboration. This was followed by a dynamic question-and-answer round, orchestrated by the insightful queries posed by the judges. The interaction not only challenged the participants but also provided invaluable feedback, enriching the learning experience for all involved. The judging criteria revolved around innovation, effectiveness, technical proficiency, and presentation skills. This stage allowed the judges to assess the functionality, user experience, and potential of the proposed solutions in real-world scenarios. The collaborative efforts of the judges contributed significantly to the event's success. Steering the event's coordination were Dr. Vidhi Khanduja and Mr. Suyash Kumar, who efficiently served as the nodal officer and coordinator, respectively. Their guidance played a pivotal role in ensuring the seamless execution of the event, fostering an environment conducive to creativity and collaboration. Ensuring a seamless technical environment was a priority, with meticulous attention given to

the setup of all computer systems and the availability of necessary software, all of which contributed to the success of the event.

Participant Details

The event boasted the participation of 15 teams, a diverse amalgamation of talented individuals. The 13 teams that reported out of the 15 participating teams showcased a spectrum of perspectives and skills, all focused on addressing and mitigating the impact of dark patterns in digital interfaces. Their details are mentioned below.

Team No.	Team Name	Name	Email	Phone No.
1	Solve-Ease	Adarsh Maurya (Leader) Aman Singh Goldy Dharmesh Tanwar Anmol Goel	adarshmaurya9415@gmail.com amanforwork1@gmail.com gg8914328@gmail.com dtanwar1947@gmail.com mrgoel2975@gmail.com	7275156652 9717599515 8512077954 9882970482 7827296630
2	Code-Crafers	Ravi Singhal (Leader) Akshat Goel Hardic Annant Goyal Abhi Gupta	ravi.singhal033@gmail.com akshat2004july@gmail.com hardicchawariya007@gmail.com 2005goyalsons@gmail.com guptaabhi4461@gmail.com	9810738555 8076481254 9205926409 8287113911 9718966907
3	HACKERSPACE	MD AZAM SIDDIQUI (Leader) DIPEK Prateek Mittal Saniya Gautam	azamnba1@gmail.com dipek2912@gmail.com prateekmittal2500@gmail.com saniagautam725@gmail.com	9142342091 7291819553 9193644001 93545 1172
4	ConstSync	Saksham kumar (Leader) Prakhar Sharma Vanshika kumar	ksaksham39@gmail.com prakharsharma1535@gmail.com thekid1710@gmail.com	8295269005 8128162871 6306387650
5	AvengHERs	Anandita Chaudhary (Leader) Bhavya Taneja Joel Saxena Rishima Madan Vaishnavi	anandita299@gmail.com bhavya012btece22@igdtuw.ac.in joel020btece22@igdtuw.ac.in rishima038btece22@igdtuw.ac.in vaishnavi073btece22@igdtuw.ac.in	9582184644 97175 13461 7042567536 9654955231 7701914717
6	WebCoder3.0	Debasish Behera (Leader) Abinash Partha Sarathi Giri Shilpa Jha	db0450@srmist.edu.in ag8435@srmist.edu.in shilpajha1706@gmail.com	7606908671 8658204468 8076928391

		Anjali Yadav Krish Bhollar Tyagi	anjaliyadav6377@gmail.com Kt7473@srmist.edu.in	9818941948 8826997752
7	SoftCopy	Ananyaa Koundal Neeraj Pritam Mandal	ananyaa.koundal2003@gmail.com neeraj.gautam1@outlook.com pritammandalvnbs@gmail.com	8287560295 8595662955 9540354811
8	Cascading Coders	Nimish Kumar (Leader) Ketan Bisht Yogendra Chaurasiya Mohit Giri Oorgita Sur	nimishkumar0305@gmail.com ketan30bisht@gmail.com yogendrachaurasiya30@gmail.com mohitgiri1103@gmail.com sweetorange1000@gmail.com	9650399591 9013249940 9999058333 7665109902 9871482479
9	Darkine	Anant Aggarwal (Leader) Atulit Gaur Arnav Pathak Raman Priya	anant.aggarwal2004@gmail.com atulit23@gmail.com arnav.pathak2003@skiff.com raman08412@gmail.com priyaanchaltalreja@gmail.com	9958566828 9999200237 9990443310 9958307295 8810388589
10	MindsInMotion	Kanak (Leader) Krishan Kant K Mahesh Mehak Aggarwal	kanak.k2301@gmail.com krishankant6776@gmail.com maheshkethavath786@gmail.com aggarwalmehak2016@gmail.com	8700830567 9069609157 8520838297 9310431013
11	Shadow Trackers	Ashish Kumar Swarnkar (Leader) Subhajit Das Sanchit Jain Saumya Kapoor Jasmehar Kaur	ashish379soni@gmail.com subhajit1742@gmail.com sanchitsj4321@gmail.com saumya.kapoor38@gmail.com jasmehark22@gmail.com	9125560260 9310169239 9599795844 9953929187 8968383324
12	TechnoSecure	SAKSHAM HOODA (Leader) Kunal Shweta Patel Vishakha Agrawal Parth Sharma	sakshamhooda_mc20a7_62@dtu.ac.in kunalbansal_it20b15_58@dtu.ac.in shwetapatel_co22a7_44@dtu.ac.in vishakhaagrawal_co22a8_16@dtu.ac.in parthsharma_ep21b11_12@dtu.ac.in	8222884855 8700963377 9319300188 8826455441 8448720062
13	Solvoid	Yashasvi (Leader) Priyam Gupta Vineet Kumar Kankerwal Shreyas Singh Tanisha Kriplani	yashigagan532@gmail.com priyamgupta2806@gmail.com codevkankerwal@gmail.com shreyassingh621@gmail.com kriplanitanisha2002@gmail.com	7015227532 9354663756 7814650715 8287887621 9413445082

Jury Evaluation Summary

The judging panel exhibited a commendable dedication during the evaluation process. They not only listened to the participants' ideas with keen interest but also actively engaged in providing constructive suggestions, underscoring their commitment to nurturing and encouraging innovative solutions. The jury demonstrated a profound understanding of the presented projects, meticulously evaluating each aspect of the participants' presentations. Their insightful questions showcased a deep appreciation for the intricacies of the solutions offered. Importantly, the jury's engagement went beyond mere assessment; they actively contributed to the intellectual discourse by providing valuable suggestions that enriched the participants' understanding and refined their solutions. The collaborative atmosphere fostered by the judges contributed significantly to the overall success of the event.

Technical and Logistical Aspects

The Dennis Ritchie Lab within the Computer Science Department of the college was meticulously set up, providing participants with the necessary infrastructure and resources. To ensure a smooth and engaging experience, a designated space was allocated for participants to project their PowerPoint presentations. The setup allowed for easy connectivity, facilitating participants in navigating through their slides, sharing visuals, and articulating their ideas effectively. A stable internet connection served as the backbone for the seamless progression of the event. The technical setup, encompassing a range of software and tools, played a pivotal role in facilitating a smooth and efficient experience for all involved.

Challenges and Issues Faced

The event faced unexpected challenges as dense fog and adverse weather conditions prevailed on the event day. Consequently, some participating teams encountered delays in reaching the venue. Recognizing the unforeseen circumstances, the organizing committee, in collaboration with the judges, took a flexible and considerate approach. With the well-being and safety of the participants in mind, the decision was made to allow the late-arriving teams into the event. This decision was made with the permission of the judges, ensuring that teams facing transportation challenges due to the weather were not unfairly penalized. The collaborative and adaptive response to this challenge demonstrated the commitment of the organizing team and judges to uphold the integrity of the competition while prioritizing the well-being of all involved.

Feedback and Observations

Participants were encouraged to share their valuable feedback through an online Google Form, which was thoughtfully designed to capture their insights. The link to the feedback form

was circulated promptly, allowing participants to conveniently express their thoughts and observations. This approach aimed to streamline the feedback collection process and ensure that participants could share their opinions efficiently and transparently. The organizers believe that this method facilitates a more inclusive and accessible means for participants to contribute to the event's improvement.

Recommendations and Conclusion

In the spirit of fostering growth and continual improvement, the event garnered overwhelmingly positive feedback from participants. Despite the minor challenges faced, the Nodal Centre at Hansraj College successfully hosted Round 2 of the Dark Patterns Buster Hackathon. The conclusion of the event was marked by a positive atmosphere, reflecting the success and impact of the DPBH-2023 at Hansraj College.



Hansraj College, University of Delhi
Organises Round 2, DPBH 2023
Sponsored by KSG

Government of India
Ministry of Consumer Affairs, Food & Public Distribution
Department of Consumer Affairs

The Dark Patterns Buster
Hackathon (DPBH 2023)

Protection of consumer interests is a priority of the government. This is also reflected in our resolution of the New India: Moving Beyond Consumer Protection, New India will have Best Consumer Practices and Consumer Prosperity.

Shri Piyush Goyal
Minister, MoCA

Sadhvi Nandan
Joshi
Member, MoCA

Shri Ashwin Kumar
Choudhary
Member, MoCA

Break The Challenge
on
31/01/2024

Dennis Ritchie Lab,
B block (2nd floor), Satya Khand

- 50 Lacs 1st Prize
- 8 Lacs 2nd Prize
- 3 Lacs 3rd Prize
- 2 Lacs 4th Prize
- 1 Lacs 5th Prize

Prof. (Dr.) Rama
Principal
Hansraj College, UoD

Dr. Vidhi Khanduja
SPIC & Noida Officer DPBH 2023 Round 2
CSO, Hansraj College, UoD
E-mail: gdl@hansrajcollege.edu.in

Mr. Suyash Kumar
Coordinator, Inter-College DPBH Round 2
CSO, Hansraj College, UoD
E-mail: suoyash@hansrajcollege.edu.in

Dr. N. S. Rajend
Convener, DPBH 2023
ECE, IIT(BHU) Varanasi
E-mail: rajend@iitbhu.ac.in

GPS Map Camera

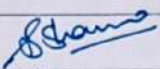
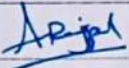
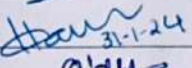
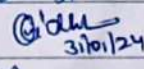
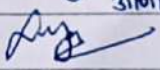


New Delhi, DL, India
Malkaganj Road, University Area North
Campus, New Delhi, 110007, DL, India
Lat 28.679114, Long 77.209266
01/31/2024 10:10 AM GMT+05:30
Note : Captured by GPS Map Camera

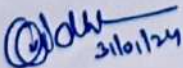
Attendance Record

Date: 31/01/24

This document is used to record the attendance of participants during the jury evaluation and student presentations. Please fill in the details for each participant.

Sl.No.	Name	Role (e.g., Jury, Participant)	Signature & Date	Remarks
1	MR. SAURABH SHARMA	JURY		
2	DR. ANKIT RAJPAL	JURY		
3	DR. HARMEET KAUR	JURY	 31-1-24	
4	DR. VIDHI KHANDUJA	NODAL OFFICER	 31/01/24	
5	MR. SUYASHI KUMAR	COORDINATOR		

Signature with Date and Seal

Signature:  (Nodal Officer)
Name: DR VIDHI KHANDUJA

Attendance Sheet

Hansraj College, University of Delhi
Round 2, DPBH 2023
Date:- 31/01/2024

Team No.	Team Name	Name	Email	Phone No.	University/College	Mentor
1	NAVI	Anshu Yadav (Leader)	anshu78358@gmail.com	7835868005	ABSENT	Dr. Vidhi Khanduja
		Rahul Patel	rp3874651@gmail.com	8349627710		
		Lakshit Singh	lakshit.singh.mail@gmail.com	8826935307		
		Atharv Singh	atharv.singh12300@gmail.com	6267 120 084		
2	Solve-Ease	Adarsh Maurya (Leader)	Adarshmaurya9415@gmail.com	7275156652	DU (Keshav Mahavidyalaya)	Dr. Sumit Agarwal
		Aman Singh	amanforwork1@gmail.com	9717599515	DU (KMV)	
		Goldy	gg8914328@gmail.com	8512077954	DU (Keshav Mahavidyalaya)	
		Dharmesh Tanwar	dtanwar1947@gmail.com	9882970482	DU (KMV)	
		Anmol Goel	mrgoel2975@gmail.com	7827296630	DU (KMV)	
3	Code-Crafters	Ravi Singhal (Leader)	ravi.singhal033@gmail.com	9810738555	MAIT Rohini	Sakshi Jha
		Akshat Goel	akshat2004july@gmail.com	8076481254	MAIT Rohini	
		Hardic	hardicchawariya007@gmail.com	9205926409	MAIT Rohini	
		Annam Goyal	7005goyalsons@gmail.com	8287113911	MAIT Rohini	
		Aadhi Gupta	guptaabhil4461@gmail.com	9718966907	MAIT Rohini	
4	HACKERSPACE	MD AZAM SIDDIQUI (Leader)	azambn1@gmail.com	9142342091	MAIT Rohini	MD AZAM SIDDIQUI
		DIPEK	dipek2912@gmail.com	7291819553	MAIT Rohini	
		Prateek Mittal	prateekmittal2500@gmail.com	9193644001	MAIT Rohini	
		Saniya Gautam	saniyagautam725@gmail.com	93545 1172	MAIT Rohini	

Attendance Sheet

Hansraj College, University of Delhi
Round 2, DPBH 2023
Date:- 31/01/2024

Team No.	Team Name	Name	Email	Phone No.	University/College	Mentor
5	ConstSync	Saksham kumar (Leader) <i>Saksham</i>	ksaksham39@gmail.com	8295269005	MAIT (Maharaja Agrasen Institute of Technology)	Anudam kumar
		Prakhar Sharma <i>Prakhar</i>	prakharsharma1535@gmail.com	8128162871	MAIT	
		Vanshika kumar <i>Vanshika</i>	theekid1710@gmail.com	6306387650	Galgolai college of (GGET) Engineering and Technology	
		Vaswani -	vaswani.tanay9@gmail.com	8619463019	-	
		Rohit Singh -	rohit9804singh@gmail.com	8920010750	-	
6	AvengHERs	Anandita Chaudhary (Leader) ✓	anandita299@gmail.com	9582184644	Anandita - (IGDTUW)	Mamta Madan
		Bhavya Taneja <i>Bhavya Taneja</i>	bhavya012btece22@igdtuw.ac.in	97175 13461	I GDTUW	
		Joel Saxena <i>Joel</i>	joel020btece22@igdtuw.ac.in	7042567536	TGDTUW	
		Rishima Madan ✓	rishima038btece22@igdtuw.ac.in	9654955231	(Pt. (IGDTUW))	
		Vaishnavi <i>Vaishnavi</i>	vaishnavi073btece22@igdtuw.ac.in	7701914717	I GDTUW	
7	WebCoder30	Debasish Behera (Leader) <i>Debasish Behera</i>	db0450@srmist.edu.in	7606908671	SRM University	Anchal Dahiya
		Abinash Partha Sarathi Gir <i>Abinash</i>	ag8435@srmist.edu.in	8658204468	SRM University	
		Shilpa Jha <i>Shilpa</i>	shilpajha1706@gmail.com	8076928391	Hansraj, DU	
		Anjali Yadav <i>Anjali</i>	anjaliyadav6377@gmail.com	9818941948	Hansraj, DU	
		Krish Bhollar Tyagi <i>Kris</i>	Kt7473@srmist.edu.in	8826997752	SRM University	
8	SoftCopy	Ananyaa Koundal ✓	ananyaa.koundal2003@gmail.com	8287560295	Ananyaa (ARSD)	Ms. Uma Ojha
		Neeraj ✓	neeraj.gautam1@outlook.com	8595662955	Neeraj (ARSD)	
		Pritam Mandal ✓	pritammandalvns@gmail.com	9540354811	Pritam Mandal (ARSD)	

Attendance Sheet

Hansraj College, University of Delhi

Round 2, DPBH 2023

Date:- 31/01/2024

Team No.	Team Name	Name	Email	Phone No.	University/College	Mentor
9	Cascading Coders	Nimish Kumar (Leader) <i>NK</i>	nimishkumar0305@gmail.com	9650399591	DSC	DR. SHEETAL RAJPAI
		Ketan Bisht <i>KB</i>	ketan30bisht@gmail.com	9013249940	DSC	
		Yogendra Chaurasiya <i>YCS</i>	yogendrachaurasiya30@gmail.com	9999058333	DSC	
		Mohit Giri <i>MG</i>	mohitgiri1103@gmail.com	7665109902	DSC	
		Oorgita Sur <i>OS</i>	sweetorange1000@gmail.com	9871482479	BRCDE	
10	Darkine	Anant Aggarwal (Leader) <i>AA</i>	anant.aggarwal2004@gmail.com	9958566828	MAIT	Zameer fatima
		Atulit Gaur <i>AG</i>	atulit23@gmail.com	9999200237	MAIT	
		Arnav Pathak <i>AP</i>	arnav.pathak2003@skiff.com	9990443310	MAIT	
		Raman <i>R</i>	raman08412@gmail.com	9958307295	MAIT	
		Priya <i>P</i>	priyaanchalalreja@gmail.com	8810388589	MAIT.	
11	MindsInMotion	Kanak (Leader) <i>K</i>	kanak.k2301@gmail.com	8700830567	Hansraj College	Prof. (Dr.) Baljeet Kaur
		Krishan Kant <i>KK</i>	krishankant6776@gmail.com	9069609157	Hansraj College	
		K Mahesh <i>KM</i>	maheshkethavath786@gmail.com	8520838297	HRC, DU	
		Menak Aggarwal <i>MA</i>	aggarwalmehak2016@gmail.com	9310431013	Hansraj College	
12	Shadow Trackers	Ashish Kumar Swarnkar (Leader) <i>AK</i>	ashish379soni@gmail.com	9125560760	HRC	Aika Khurana
		Subhajt Das <i>SD</i>	subhajt1742@gmail.com	9310169239	HRC	
		Sanchit Jain <i>SJ</i>	sanchitsj4321@gmail.com	9599795844	HRC	
		Saumya Kapoor <i>SK</i>	saumya.kapoor38@gmail.com	9953929187	HRC	
		Jasmehar Kaur <i>JK</i>	jasmehar.k22@gmail.com	8968383324	HRC	

Attendance Sheet

Hansraj College, University of Delhi
 Round 2, DPBH 2023
 Date:- 31/01/2024

Team No.	Team Name	Name	Email	Phone No.	University/College	Mentor
13	TechnoSecure	SAKSHAM HOODA (Leader) <i>GS</i>	sakshamhooda_mc20a7_62@dtu.ac.in	8222884855	DTU	Prof Dinesh Kumar V
		Kunal <i>EM</i>	kunalbansal_it20b15_58@dtu.ac.in	8700963377	- do -	
		Shweta Patel <i>Shweta</i>	shwetapatel_co22a7_44@dtu.ac.in	9319300188	- do -	
		Vishakha Agrawal <i>Vish</i>	vishakhaagrawal_co22a8_16@dtu.ac.in	8826455441	- do -	
		Parth Sharma <i>Parth</i>	parthsharma_ep21b11_12@dtu.ac.in	8448720062	- do -	
14	hackers.js	SAHIL ROHERA (Leader)	sahilrohera10@gmail.com	7428727172	ABSENT	MR. VINAY KUMAR
		YASH SINGHAL	yash003singhal@gmail.com	9278687219		
		SAHIL ARORA	sahilaroraj12002@gmail.com	9891156037		
		BHAWNA JAIN	bhawnajain012003@gmail.com	7678298840		
		YASH RAJ HANS	yashhans479@gmail.com	6200134722		
15	Solvold	Yashasvi (Leader) <i>Yashasvi</i>	yashigagan532@gmail.com	7015227532	Hansraj college	Vidhi Khand
		Priyam Gupta <i>Priyam</i>	priyamgupta2806@gmail.com	9354663756	Hansraj college	
		Vineet Kumar Kankerwal <i>Vineet</i>	codevkankerwal@gmail.com	7814650715	Hansraj college	
		Shreyas Singh <i>Shreyas</i>	shreyassingh621@gmail.com	8287887621	Hansraj College	
		Tanisha Kriplani <i>Tanisha</i>	kriplanitishna2002@gmail.com	9413445087	Hansraj college	