Ref No: CUIET/CSE/ACAD/2023/27                     Date: 30 Jan 2023

## NOTICE

## Tech अभिव्यक्ति- Innovation Unleashed

**(09th and 10th Feb, 2023)**

Dear Students,

We are glad to inform you that Department of Computer Science and Engineering is organizing an event "**Tech अभिव्यक्ति**". The major objective of organizing **Tech अभिव्यक्ति** is to provide the platform and unleash the potential of the students by showcasing their innovative projects developed using **PYTHON** in the First Year. It will be an opportunity for the students to demonstrate their learning experience and boost their confidence. The event is scheduled to take place on **09th and 10th Feb, 2023** at **Pulitzer Hall.** As part of the event, shortlisted teams (see attached Annexure A) need to prepare a PowerPoint presentation (PPT) that showcases their coding skills and project experience.

1. **Only one PPT per team** is allowed and the presentation should be no longer than **6 minutes.**
2. Make sure to include **proper snapshots of your project** in the PPT.
3. PPT should be visually appealing, with consistent formatting and font throughout the slides. To assist you in preparing your PPT, we have attached a file (See Annexure B) that explains the structure and format that the PPT should follow. Please make sure to follow the guidelines provided in the attached file.
4. Name your PPT as **GroupNo.-ProjectTitle** and submit it by **08th Feb,2023** at form link: https://forms.gle/JeQchX9iBmjGDqg8A

We are looking forward to your team's participation and wish you all the best in the event.

**Sd/-**

Dr. Monit Kapoor, Dean (CSE) |

Encls:

Annexure A: List of shortlisted teams for **Tech अभिव्यक्ति - Innovation Unleashed**
Annexure B: PPT Guidelines

**ANNEXURE A:**

| Group Name | Project Title | Name | Roll No. | Email ID |
|---|---|---|---|---|
| G1(A) | Quiz Game | Aditya Singh | 2210991105 | aaditya1105.be22@chitkara.edu.in |
| | | Aakash Thakur | 2210991108 | aakash1108.be22@chitkara.edu.in |
| | | Aashish Sharma | 2210991124 | aashish1124.be22@chitkara.edu.in |
| G1(B) | Message Encoder and Decoder | ADARSH GAUR | 2210991176 | adarsh1176.be22@chitkara.edu.in |
| | | ABHISHEK PAL | 2210991170 | abhishek1170.be22@chitkara.edu.in |
| | | ADAMYA GULERIA | 2210991175 | adamya1175.be22@chitkara.edu.in |
| G2(A) | #404 ED TOOL using RTDBMS(FireBase) | Aditya Prasad | 2210991194 | aditya1194.be22@chitkara.edu.in |
| G2(B) | Step Up. (quiz game) | Ananya Gupta | 2210991258 | ananya1258.be22@chitkara.edu.in |
| | | Alisha | 2210991241 | alisha1241.be22@chitkara.edu.in |
| G3(A) | Graphical & Scientific Calculator | Ansh Gaba | 2210991289 | ansh1289.be22@chitkara.edu.in |
| | | Ansh Mittal | 2210991297 | ansh1297.be22@chitkara.edu.in |
| | | Ansh Popli | 2210991298 | ansh1298.be22@chitkara.edu.in |
| | | Ansh Arora | 2210991290 | ansh1290.be22@chitkara.edu.in |
| G3(B) | THERMOSENSE(G3-B) | ARNAV AHUJA(G3-B) | 2210991347 | arnav1347.be22@chitkara.edu.in |
| | | ARJUN PATHAK(G3-B) | 2210991340 | arjun1340.be22@chitkara.edu.in |
| G4(A) | Game Island | Arsh Jain | 2210991361 | arsh1361.be22@chitkara.edu.in |
| | | Aryan Kaushal | 2210991382 | aryan1382.be22@chitkara.edu.in |
| | | Aryan Singh | 2210991389 | aryan1389.be22@chitkara.edu.in |
| G4(B) | PRO EARN | Ashima Garg | 2210991397 | ashima1397.be22@chitkara.edu.in |
| | | Ayush | 2210991415 | ayush1415.be22@chitkara.edu.in |
| | | Ayush Arora | 2210991419 | ayush1419.be22@chitkara.edu.in |
| G5(A) | Sign Language | Bhavya Bibra | 2210991441 | bhavya1441.be22@chitkara.edu.in |

| | | | | |
|---|---|---|---|---|
| | Detection using ML | | | |
| G5(B) | Library Management | Deepak Kumar Chauhan | 2210991482 | deepak1482.be22@chitkara.edu.in |
| | | Dhruv Seth | 2210991484 | deepankar1484.be22@chitkara.edu.in |
| | | Deepankar Garg | 2210991512 | dhruv1512.be22@chitkara.edu.in |
| G6(A) | Billing Software | Divyansh | 2210991535 | divyansh1535.be22@chitkara.edu.in |
| | | Durgesh | 2210991551 | durgesh1551.be22@chitkara.edu.in |
| | | Dishant | 2210991524 | dishant1524.be22@chitkara.edu.in |
| G6(B) | SAMUEL SENSOR(G6-B) | GAURAV PANDEY(G6-B) | 2210991571 | gaurav1571.be22@chitkara.edu.in |
| | | GOURAV GARG(G6-B) | 2210991583 | gourav1583.be22@chitkara.edu.in |
| | | GAURANG SHARMA(G6-B) | 2210991569 | gaurang1569.be22@chitkara.edu.in |
| G7(A) | BOT-hard | Hanish bansal | 2210991603 | hanish1603.be22@chitkara.edu.in |
| | | Harshit | 2210991632 | harshit1632.be22@chitkara.edu.in |
| G7(B) | Library Management System | Harshita | 2210991642 | harshita1642.be22@chitkara.edu.in |
| G8(A) | Car Racing Game | Jashandeep | 2210991699 | jashandeep1699.be22@chitkara.edu.in |
| | | jashangir, | 2210991698 | jashan1698.be22@chitkara.edu.in |
| | | Jatin Katoch | 2210991711 | jatin1711.be22@chitkara.edu.in |
| G8(B) | Tour & Travel Management | KANISKA MAITY | 2210991741 | kaniska1741.be22@chitkara.edu.in |
| | | KARTIK | 2210991754 | kartik1754.be22@chitkara.edu.in |
| G9(A) | Employment Management System | Khushal | 2210991791 | khushal1791.be22@chitkara.edu.in |
| | | Keshav | 2210991782 | keshav1782.be22@chitkara.edu.in, |
| | | Kashika | 2210991762 | kashika1762.be22@chitkara.edu.in |
| G9(B) | Rias(voice based assistant) | KUNAL ARYAN | 2210991824 | kunal1824.be22@chitkara.edu.in |
| | | KUSHAAL BINDAL | 2210991832 | kushaal1832.be22@chitkara.edu.in |
| | | KRISHNANSHU | 2210991818 | krishnanshu1818.be22@chitkara.edu.in |

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**Department of Computer Science & Engineering**
**Chitkara University Institute of Engineering & Technology**
*(Accredited by NAAC with Grade 'A+')*

| | | | | |
|---|---|---|---|---|
| G10(A) | Computer Assistant Accesible Through Voice | Lalit Kumar Yadav | 2210991848 | lalit1848.be22@chitkara.edu.in |
| | | Latika Bansal | 2210991849 | latika1849.be22@chitkara.edu.in |
| | | Lavanya Kapoor | 2210991850 | lavanya1850.be22@chitkara.edu.in |
| G10(B) | Game snake water and gun | Mehak Sharma | 2210991918 | mehak1918.be22@chitkara.edu.in |
| | | Mehak Sharma | 2210991919 | mehak1919.be22@chitkara.edu.in |
| | | Mehakpreet Kaur | 2210991920 | mehakpreet1920.be22@chitkara.edu.in |
| G11(A) | Python Quiz | Muddit Pahwa | 2210991942 | muddit1942.be22@chitkara.edu.in |
| | | Naman Arora | 2210991953 | naman1953.be22@chitkara.edu.in |
| | | Nandini Kaushik | 2210991958 | nandini1958.be22@chitkara.edu.in |
| G11(B) | Arcade | Nehchal | 2210991972 | nehchal1972.be22@chitkara.edu.in |
| | | Niharika Kapoor | 2210991973 | niharika1973.be22@chitkara.edu.in |
| | | Nishtha Nanda | 2210991994 | nishtha1994.be22@chitkara.edu.in |
| G12(A) | Brick Breaker Game | Piyush Goyal | 2210992044 | piyush2044.be22@chitkara.edu.in |
| | | Piyush | 2210992030 | parth2030.be22@chitkara.edu.in |
| | | Parth | 2210992039 | piyush2039.be22@chitkara.edu.in |
| G12(B) | Café Management | Prashant Kumar Das | 2210992068 | prashant2068.be22@chitkara.edu.in |
| | | Prince Kumar Singh | 2210992091 | prince2091.be22@chitkara.edu.in |
| G13(A) | Game Hub | Purav Khurana | 2210992107 | purav2107.be22@chitkara.edu.in |
| | | Priyam Aggarwal | 2210992198 | s.2198.be22@chitkara.edu.in |
| | | Rakshit Kamboj | 2210992134 | rakshit2134.be22@chitkara.edu.in |
| G13(B) | Sleeve up your ears | Rakshita | 2210992136 | rakshita2136.be22@chitkara.edu.in |
| | | Rhythm | 2210992149 | rhythm2149.be22@chitkara.edu.in |
| G14(A) | Multitasking website | SAMIKSHA SINGH | 2210992238 | samiksha2238.be22@chitkara.edu.in |
| | | SAKSHAM GUPTA | 2210992222 | Saksham2222.be22@chitkara.edu.in |
| | | SAMAR CHABBRA | 2210992233 | samar2233.be22@chitkara.edu.in |

| Group | Project | Name | ID | Email |
|---|---|---|---|---|
| G14(B) | Alexa | Sachman Singh | 2210992205 | sachman2205.be22@chitkara.edu.in |
| | | Ronit Sachdeva | 2210992184 | ronit2184.be22@chitkara.edu.in |
| | | Ronit | 2210992183 | ronit2183.be22@chitkara.edu.in |
| G15(A) | Health management system | SAURABH VERMA | 2210992271 | shiva2301.be22@chitkara.edu.in |
| | | SHAURYA MOR | 2210992295 | shaurya2295.be22@chitkara.edu.in |
| | | SHIVA CHAHAR | 2210992301 | shiva2301.be22@chitkara.edu.in |
| G15(B) | Attendance Management system | Shivam Sharma | 2210992316 | shivam2316.be22@chitkara.edu.in |
| | | Shivam Jha | 2210992310 | shivam2310.be22@chitkara.edu.in |
| | | Shivansh Garg | 2210992321 | shivansh2321.be22@chitkara.edu.in |
| G16(A) | LIBRARY MANAGEMENT | Shruti Chawla | 2201992356 | shruti2356.be22@chitkara.edu.in |
| | | Shreyashi Singh | 2201992348 | shreyashi2348.be22@chitkara.edu.in |
| | | Shreyas Sharma | 2201992346 | shreyas2346.be22@chitkara.edu.in |
| | | shreyansh maheswari | 2201992345 | shreyansh2345.be22@chitkara.edu.in |
| G16(B) | We-Fine | Subhajit Misra | 2210992410 | subhajit2410.be22@chitkara.edu.in |
| | | Subham Das | 2210992411 | subham2411.be22@chitkara.edu.in |
| | | Sudeep | 2210992412 | sudeep2412.be22@chitkara.edu.in |
| G17(A) | Snake Game | Swarit Sharma | 2210992430 | swarit2430.be22@chitkara.edu.in |
| | | Tejasvi Jhamta | 2210992464 | tejasvi2464.be22@chitkara.edu.in |
| G17(B) | Student Management System | Vaishnavi Singh | 2210992494 | vaishnavi2494.be22@chitkara.edu.in |
| | | Uddeshya Singh | 2210992475 | uddeshya2475.be22@chitkara.edu.in |
| | | Vaibhav Rana | 2210992488 | vaibhav2488.be22@chitkara.edu.in |
| G18(A) | Pong Game | Vishwash bharti | 2210992544 | vishwash2544.be22@chitkara.edu.in |
| | | vishal Tyagi | 2210992538 | vishal2538.be22@chitkara.edu.in |
| | | Vasudev | 2210992518 | vasu2518.be22@chitkara.edu.in |
| G18(B) | Voice Assistant based QR Code | Yash rawat | 2210992559 | yash2559.be22@chitkara.edu.in |

| | Scanner | Yashwardhan | 2210992566 | yashvardhan2566.be22@chitkara.edu.in |
|---|---|---|---|---|
| G19(A) | Reminder App | Aadit Wadhwa | 2210990002 | aadit2.be22@chitkara.edu.in |
| | | Aakash Jain | 2210990008 | aakash8.be22@chitkara.edu.in |
| | | Aarav Shourie | 2210990010 | aarav10.be22@chitkara.edu.in |
| G19(B) | Tetris Game | Abhishek Garg | 2210990047 | abhishek47.be22@chitkara.edu.in |
| G20(A) | Vehicle Parking Management System | Akshita Sharda | 2210990095 | akshita95.be22@chitkara.edu.in |
| | | Ananya | 2210990109 | ananya109.be22@chitkara.edu.in |
| | | Akshat Palyal | 2210990087 | akshat87.be22@chitkara.edu.in |
| G20(B) | Child Care | Arghadeep Nath | 2210990152 | arghadeep152.be22@chitkara.edu.in |
| | | Archita | 2210990151 | archita151.be22@chitkara.edu.in |
| | | Archi Gandhi | 2210990150 | archi150.be22@chitkara.edu.in |
| G21(A) | cafe management system | asmita kondal | 2210990194, | asmita194.be22@chitkara.edu.in |
| | | Avireet | 2210990202 | avireet202.be22@chitkara.edu.in |
| | | ashutosh | 2210990191 | ashutosh191.be22@chitkara.edu.in |
| G21(B) | event management system | bhumi garg | 2210990235 | charu235.be22@chitkara.edu.in |
| | | DAKSH RANA | 2210990246 | daksh246.be22@chitkara.edu.in |
| | | CHARU MITTAL | 2210990226 | bhumi226.be22@chitkara.edu.in |
| G22 (A) | Anti Ariel Attack | Devanshi Dadwal | 2210990262 | devanshi262.be22@chitkara.edu.in |
| | | Devanshu Singh | 2210990263 | devanshu263.be22@chitkara.edu.in |
| | | Dhruv Grover | 2210990274 | dhruv274.be22@chitkara.edu.in |
| | Football Tournament League | Deepanshu | 2210990253 | deepanshu253.be22@chitkara.edu.in |
| | | Dikshit singla, | 2210990284 | dikshit284.be22@chitkara.edu.in |
| | | Dhruv walia | 2210990280 | dhruv280.be22@chitkara.edu.in |
| G22 (B) | Car Filter | Gopika Ashutosh Goyal | 2210990328 | gopika328.be22@chitkara.edu.in |
| | | Garima | 2210990313 | garima313.be22@chitkara.edu.in |

| | | | | |
|---|---|---|---|---|
| G23(A) | Snake and Ladders | Harmeet Singh | 2210990373 | harmeet373.be22@chitkara.edu.in |
| | | Gurkeerat Singh | 2210990338 | gurkeerat338.be22@chitkara.edu.in |
| | | Harinder Singh Dhanoa | 2210990361 | harinder361.be22@chitkara.edu.in |
| G23(B) | Quiz San | HARSHPREET SINGH | 2210990393 | harshpreet393.be22@chitkara.edu.in |
| G24(A) | Fitter Health | Ishika Gulati | 2210990423 | ishika423.be22@chitkara.edu.in |
| | | Japneet Kaur | 2210990433 | japneet433.be22@chitkara.edu.in |
| | | Jaskirat Singh | 2210990446 | jaskirat446.be22@chitkara.edu.in |
| G24(B) | Predicting life expectancy of a person | Jatin Jaglan | 2210990458 | jatin458.be22@chitkara.edu.in |
| | | Kartikey Singh | 2210990492 | kartikey492.be22@chitkara.edu.in |
| | | Jugal Kishor | 2210990467 | jugal467.be22@chitkara.edu.in |
| G25(A) | Tetris Game | Kunal Ghai | 2210990527 | kunal527.be22@chitkara.edu.in |
| | | Kashvi Sharma | 2210990499 | kashvi499.be22@chitkara.edu.in |
| | | Kashish Verma | 2210990498 | kashish498.be22@chitkara.edu.in |
| G25(B) | Trivia Quiz | Manav Singh | 2210990553 | manav553.be22@chitkara.edu.in |
| | | Mayank | 2210990565 | mayank565.be22@chitkara.edu.in |
| | | Mannatpreet | 2210990558 | mannatpreet558.be22@chitkara.edu.in |
| G26(A) | Desktop Assistant | Nistha | 2210990619 | nishtha619.be22@chitkara.edu.in |
| | | NIHAR SAI BANSAL | 2210990607 | nihar607.be22@chitkara.edu.in |
| | | NIMISH SOOD | 2210990614 | nimish614.be22@chitkara.edu.in |
| G26(B) | VADER | Ojas Gupta | 2210990627 | ojas627.be22@chitkara.edu.in |
| | | Ojasva raghav | 2210990628 | ojasva628.be22@chitkara.edu.in |
| | | P.N. Gokul | 2210990629 | p629.be22@chitkara.edu.in |
| G27(A) | Space Invader | Pransh Maurya | 2210990668 | pransh668.be22@chitkara.edu.in |
| G27(B) | Music Player | Rachit Walia | 2210990666 | pranav666.be22@chitkara.edu.in |
| | | Pranav Gupta | 2210990695 | rachit695.be22@chitkara.edu.in |

| G28(A) | Booking System | Sameer Kumar | 2210990776 | sameer776.be22@chitkara.edu.in |
|---|---|---|---|---|
| | | Sameer Kumar Sahu | 2210990777 | sameer777.be22@chitkara.edu.in |
| | | Saksham Chugh | 2210990761 | saksham761.be22@chitkara.edu.in |
| G28(B) | Vibin | SANYA KWATRA | 2210990794 | sanya794.be22@chitkara.edu.in |
| | | SAUMYA JAIN | 2210990805 | saumya805.be22@chitkara.edu.in |
| | | SHIVAM LAUL | 2210990824 | shivam824.be22@chitkara.edu.in |
| G29(A) | Hospital Management System | Shiven Narang | 2210990832 | shivansh832.be22@chitkara.edu.in |
| | | Shivansh sharma | 2210990835 | shiven835.be22@chitkara.edu.in |
| | | Sneha Pal | 2210990996 | sneh996.be22@chitkara.edu.in |
| G29(B) | Number Cricket game | Suraj Adde | 2210990876 | suraj876.be22@chitkara.edu.in |
| | | Swastik Verma | 2210990882 | swastik882.be22@chitkara.edu.in |
| G30(A) | Password Generator | UMANG SHAKYA | 2210990925 | umang925.be22@chitkara.edu.in |
| | | YASHIKA TANEJA | 2210990979 | yashika979.be22@chitkara.edu.in |
| | | UDAY SINGH CHAUHAN | 2210990920 | uday920.be22@chitkara.edu.in |
| G30(B) | Intreractive quiz | Yashita prajapati | 2210990980 | yashita980.be22@chitkara.edu.in, |
| | | Yatin Kalra | 2210990983 | yatin983.be22@chitkara.edu.in |
| | | Pulkit Vanshist | 2210931012 | pulkit1012.be22@chitkara.edu.in |

<u>**ANNEXURE B:**</u>

## PPT Structure for "Tech अभिव्यक्ति- Innovation Unleashed"

1. **Introduction:** This slide should include the title of the project, the team members' names, and a brief overview of the project's purpose and goals.
2. **Problem Statement:** This slide should clearly state the problem that the project aims to solve, including any relevant background information and research.
3. **Solution:** This slide should explain how the team approached the problem and the solution they implemented, including a brief overview of the technologies and methods used.
4. **Implementation:** This slide should provide a detailed explanation of the implementation process, including diagrams, code snippets, and screenshots of the final product.
5. **Results:** This slide should present the results achieved by the project, including any key metrics and performance data.
6. **Future Work:** This slide should outline any future plans for the project and any potential improvements that can be made.
7. **Conclusion:** This slide should summarize the key points of the project and the team's main takeaways from the experience.
8. **References:** This slide should include a list of all the sources and references used in the project.

*It's also important to keep in mind that the PPT should be visually appealing, with consistent formatting and font throughout the slides.*

***\*\*ALL THE BEST\*\****