


2023-24Edition



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# Words From Respected Director



I warmly welcome all my young buddy engineers to Artificial Intelligence department of G H Raisoni Institute of Engineering & Technology- Nagpur. Perhaps this department was initiated with new perception of excellent job opportunity in the new era of technology advancement.

I would like to congratulate the entire team of Artificial Intelligence department for coming out with an amazing concept of departmental magazine named "अdhyaaya". The magazine shall serve as an insight in this promising field of Artificial Intelligence with new horizons given by its students and faculties. An exciting way to showcase the departments activities, inventions, research & thoughts.

My support and wishes always stand with the department. Awaiting to witness more features to the Artificial Intelligence department and "अdhyaaya".

*"Work Hard in Silence.*

*Let SUCCESS make the noise."*

*Dr.Vivek Kapur*
*Director-GHRIETN*

# Words From our HoD

Fostering imagination and inspiring innovation are two of the key elements of a successful education, and a department magazine is the perfect amalgamation of both. It connects the creative energies of the academic community, and distils the essence of their inspired imagination in the most brilliant way possible. Therefore, I am elated to know that first issue of annual magazine "अdhyaaya" of Artificial Intelligence Department is ready for publication.

अdhyaaya provides an intersection of great challenge and great opportunity for the students to review their efforts and to analyze their achievement. This magazine is a platform that exhibits the literary skills and innovative ideas of teachers and students. "अdhyaaya" presents the hard work and dedication of students and contributions of teachers.

I take this opportunity to congratulate the editorial board for bringing out this magazine as per schedule, which in itself is an achievement considering the effort and time required. May all our students soar high in uncharted skies and bring glory to the world and their profession with the wings of education!

*Dr. Smita Nirkhi*
*Head of Department*
*AI*



# Words From our AI Club and Magazine Incharge




Kudos to the students of Artificial Intelligence department for beginning this exciting new chapter "अdhyaaya" as the AI Magazine. It would be wonderful to see you all working in this direction in achieving new hights. Explore the domain of Artificial Intelligence, Blockchain technology, Natural language processing, computation, robotics, drones, graph database, deep learning, artificial neural networks, Python, R, Perl, SWIFT, GO, machine learning, cyber security, ethical hacking, cryptocurrency and never-ending list of this domain…… ……

I wish all my under graduate students to keep digging in the new opportunities up-coming in your path way. Do join in professional societies to get recognized, initiate your own start-ups, strive hard for quality internships, learn new languages, develop your own web page, be active in academics, shine in extra curriculum, be happy, make your family & department proud by grabbing best campus recruitments.

Being your mentor for "अdhyaaya", is a great opportunity and huge responsibility, which I shall try my best to serve. We shall motivate young minds and bring in the latest article / Ted talks / achievements / activities / awards / and much more, in for the magazine. Together we shall take this wonderful journey of "अdhyaaya". To conclude……..

*Don't stop until your Proud*

*Prof.Tabassum H Khan*
***अ**dhyaaya Mentor*





# FORUM

**KANISHQ BIROLE**
**(PRESIDENT)**

**RAJAT CHIMPURKAR**
**(VISE-PRESIDENT )**

**ANSHIT NIKHADE**
**(TREASURER)**

**SHOBHIT RANGARI**
**(SECRETARY)**

**SMIT BHADANGE**
**(JOINT-SECRETARY)**

**HARMAN KAUR**
**(EVENT MANAGER)**

**TEJAS NASRE**
**(EVENT-INCHARGE)**

**RUTUJA PANDILWAR**
**(GIRLS REPRESENTATIVE)**

# AI CLUB

**RUHI GEDAM**
**(PRESIDENT)**

**SHWETAL POTLE**
**(VICE-PRESIDENT)**

**TARUN BHARDWAJ**
**(TREASURER)**

**PRATHAM DONGRE**
**(SECRETARY)**

**PRACHI TELWEKAR**
**(EVENT-MANAGER)**

**SHRUTI WANKAR**
**(EVENT-INCHARGE)**

**PRAJWAL KHANDRE**
**(PUBILICITY-INCHARGE)**

**SAHIL SELOKAR**
**(DESIGN-HEAD)**





# Words From Our Core Team

"As part of the editing team for our college magazine, I've had the privilege of playing a crucial role in shaping the content that represents our campus community. Collaborating with talented writers, designers, and photographers, we've strived to capture the diverse voices and stories that make our college experience unique. From crafting compelling headlines to ensuring accuracy and style consistency, every aspect of the editing process is a labor of love. It's immensely rewarding to see our collective efforts come to life in each issue, sparking conversations and connecting readers with the heart of our campus culture. Working on the magazine has not only honed my editing skills but also deepened my appreciation for the power of storytelling to unite and inspire."

**-JANVI SATPUTE**

"As a part of our dynamic editing team for the college magazine, we have collectively embraced the exciting challenge of curating content that reflects the vibrant spirit of our campus community. Each of us brings a unique set of skills and perspectives to the table, which enhances our collaborative process and ensures that our publication truly resonates with our diverse audience.

**-KETAN KURVE**

From brainstorming sessions to final layout tweaks, we work tirelessly to uphold the highest standards of quality and creativity. Our roles as editors extend beyond mere grammar and punctuation; we are storytellers, gatekeepers of truth, and champions of authenticity. Together, we meticulously craft each article, photo essay, and feature, striving to capture the essence of campus life in all its complexity.

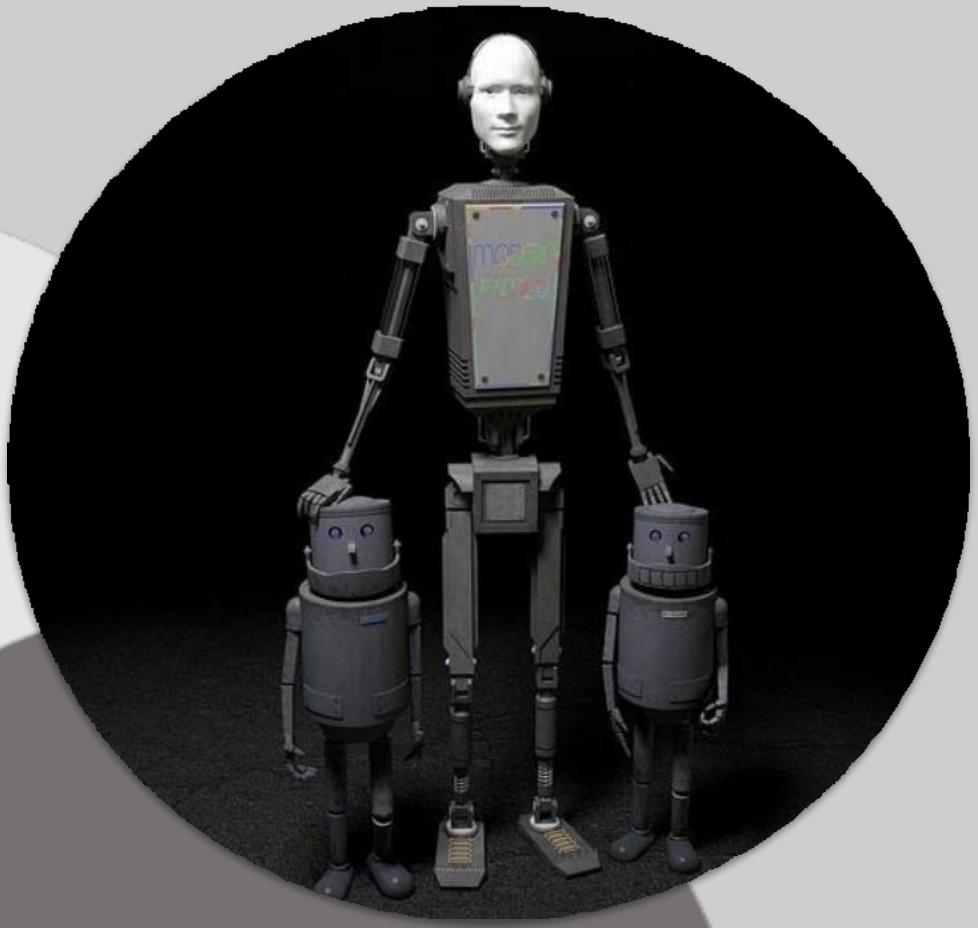
**-KASHISH UKEY**

As we reflect on our journey as magazine editors, we are reminded of the power of collaboration and the profound impact of storytelling. Together, we have not only honed our editorial skills but also cultivated a deeper appreciation for the diverse voices and experiences that make our college community truly exceptional. With each issue, we aim to inspire, inform, and ignite meaningful conversations that enrich the lives of our readers and celebrate the essence of our shared collegiate experience."

**-PURVAL CHAWARE**

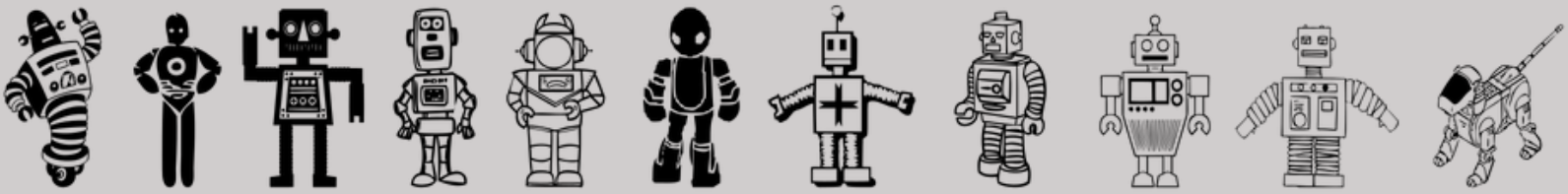
Our dedication to excellence is unwavering, and we take great pride in the finished product that bears our collective imprint. Through countless late nights and tight deadlines, we have forged a strong bond built on mutual respect, trust, and shared passion for our craft

**-HARSH TANDULWAR**



# AIBOTRIX FORUM ACTIVITIES

2023-24



# About Forum

The AI Forum was founded by the department of AI to to enhance the skills of students in the field of AI. Students from including AI and all other branches participating in several different events related to technical and non-technical events to showcase their skills in and out of the field of AI.







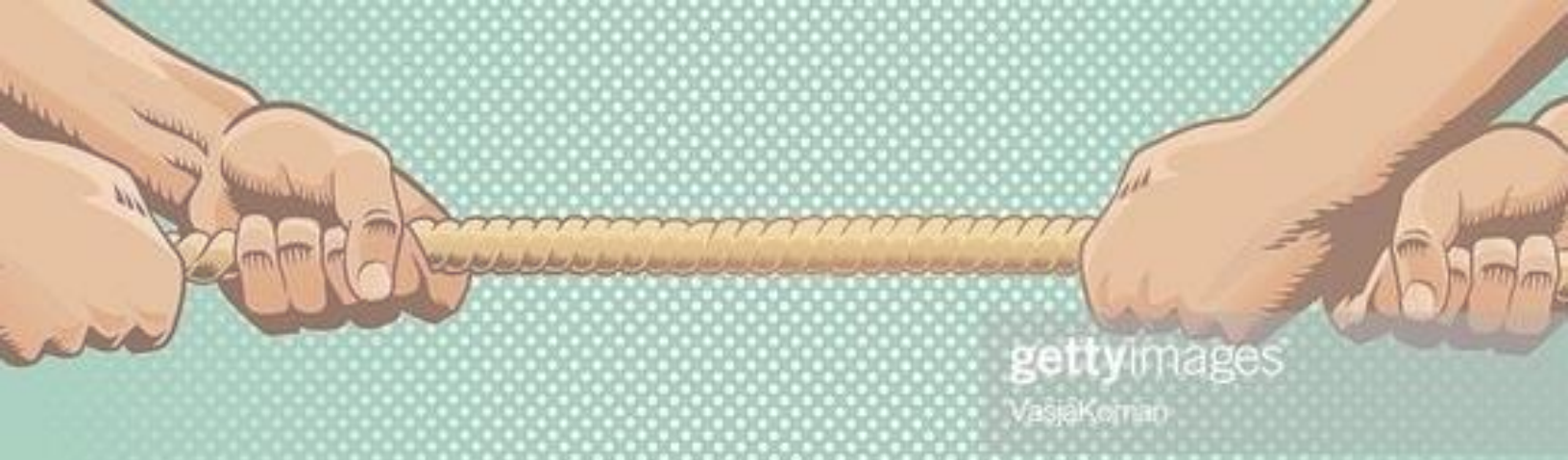

# "Crafty Games Extravaganza"

The Crafty Games Extravaganza, a much-anticipated event hosted by the Artificial Intelligence Department in collaboration with the AIBOTRIX Forum, unfolded with great fervor and enthusiasm. The event aimed to provide a platform for students to showcase their skills and camaraderie through various indoor games. Carrom, Pool Table, and Table Tennis were the main highlights of the extravaganza, attracting a significant number of participants and spectators alike. The Inaugration of this event was done by Dr. Arvind Mahalle, Dean Academics and Dr. Sharda Chabbria ma'am, Associate Professor.



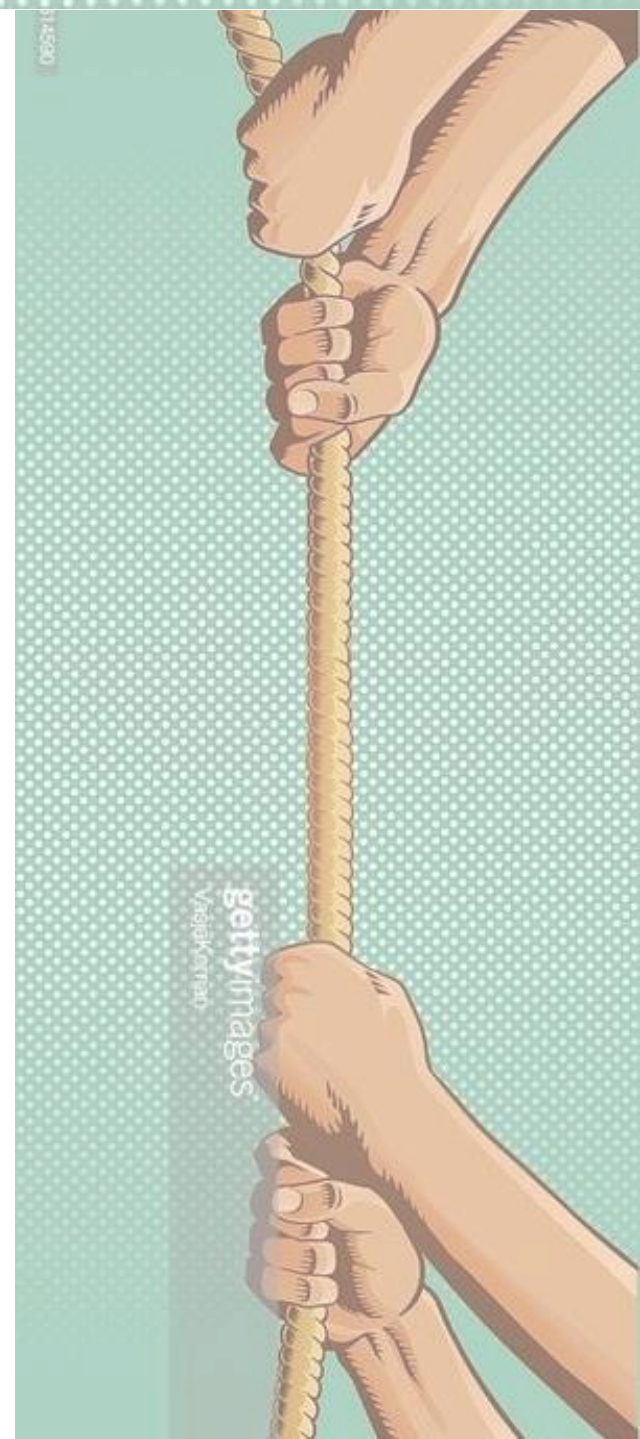
# “SKETCH COMPETITION”

The Department of Artificial Intelligence of G H Raisoni Institute of Engineering & Technology, Nagpur on the occasion of Ganesh Chaturthi Captured the divine essence of Lord Ganesh in the sketches, through a Sketch competition organised under the AI Forum. This event was conducted to celebrate the spirit of Ganesh Chaturthi through the art by showcasing the creativity and reverence for the beloved elephant-headed deity and get a chance to represent their talent. The competition was conducted on 25th September 2023 from 12:00 noon to 3:30 pm. This activity was conducted to encourage the students of Engineering. Winners were given medals and certificate, and participation certificates were given to all.



# “TUG OF WAR”

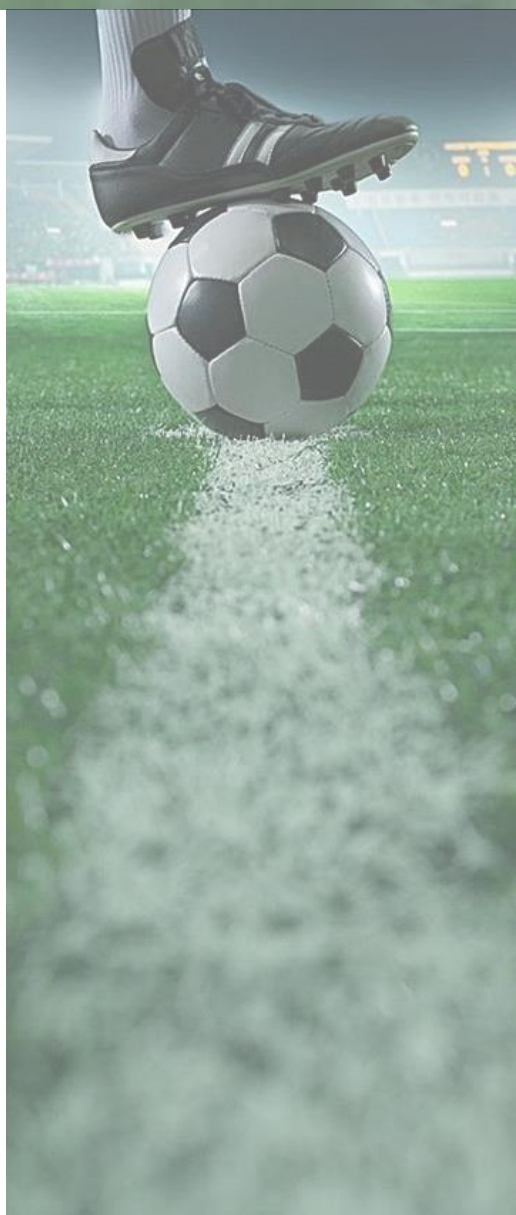
The Department of Artificial Intelligence of G H Raisoni Institute of Engineering & Technology, Nagpur has organized a Tug of War competition under its AI Forum. The event was organized to make students know their strengths and interact with fellow students. The competition was conducted on 27th September 2023 from 10:00 am to 3:30 pm. This activity was conducted to encourage the students of Engineering. Winners were given cash prizes as, for boys 1st prize was Rs. 750 and 2nd was Rs. 500 for girls winning prize was Rs. 500





# “FUTSAL FIESTA”

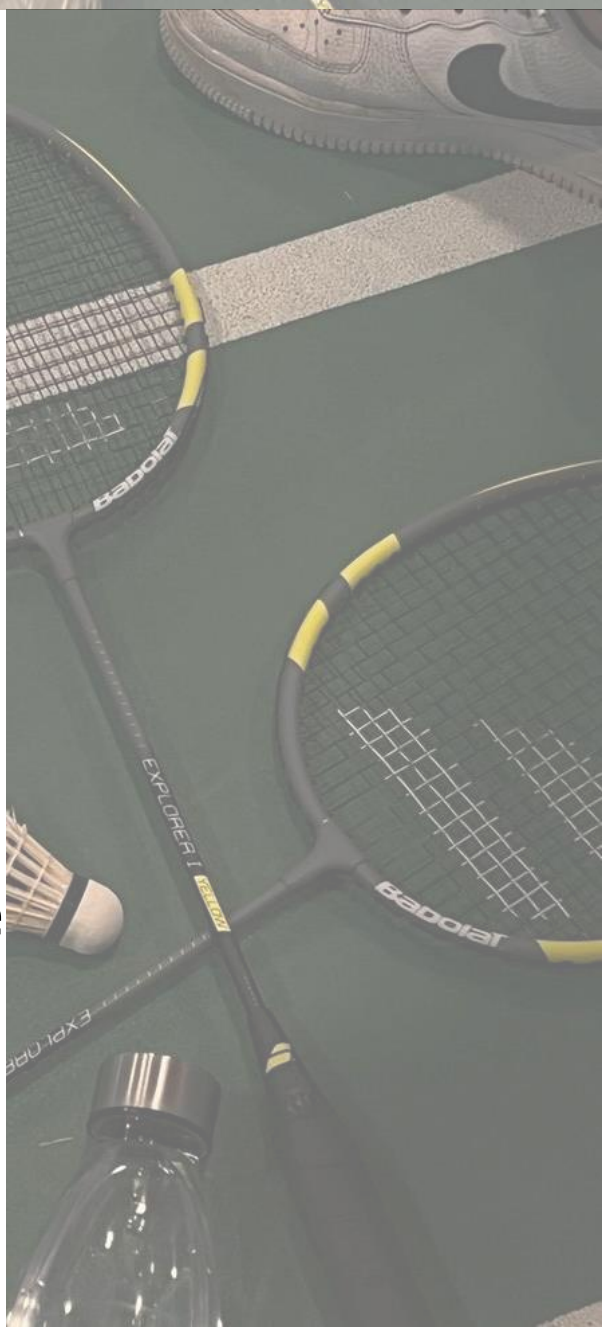
The Futsal Fiesta, a vibrant and highly competitive futsal tournament, was held on September 8 and 9, 2023. Organized by the Department of Artificial Intelligence of G H Raisoni Institute of Engineering and Technology under its AIBOTIX Forum, this event brought together 24 enthusiastic teams who battled it out on the futsal court. The tournament aimed to promote sportsmanship, teamwork, and healthy competition while fostering a sense of camaraderie among participants. All the winners received medals, and all participants were honored with e-certificates to recognize their dedication and enthusiasm.






# "BADMINTON CHAMPIONSHIP"

A Thrilling Two-Days Badminton Championship, Organized By AIBOTRIX and IEEE, Unfolded at the venue Hostel Badminton Court on October 9th. The Event, Which Began at 9:30 AM, Attracted Enthusiastic Young Badminton Players, Eager to showcase their skills.




The Tournament featured intense competition among participants, with a modest entry fees of just 30 rupees, making it accessible to both experiancedplayers and newcomers.



# A.I. CLUB ACTIVITIES 23-24

# STACK FUSION

The Department of Artificial Intelligence of G H Raisoni Institute of Engineering & Technology, Nagpur has organized a webinar on "Stack Fusion" under its AI Club. This club is formed in view of giving new directions to our students & aimed at providing students with insights into the world of full stack development. The event was organized to enhance their understanding of both front-end and back-end technologies, enabling them to become well-rounded developers in the ever-evolving field of web development.

The online Webinar was conducted on 19th August 2023 from 1:00pm to 2:30 pm. This activity was conducted to encourage the students of Engineering. In this session 3 core committee members of AI club had actively organized the Event under AI Club.

In this session the expert Mr. Ishan Mishra, Lead Engineer, Collins Aerospace, Bangalore, guided students about the:

- Full Stack Development field
- Front-end Technologies
- Back-end Technologies
- Q&A Session



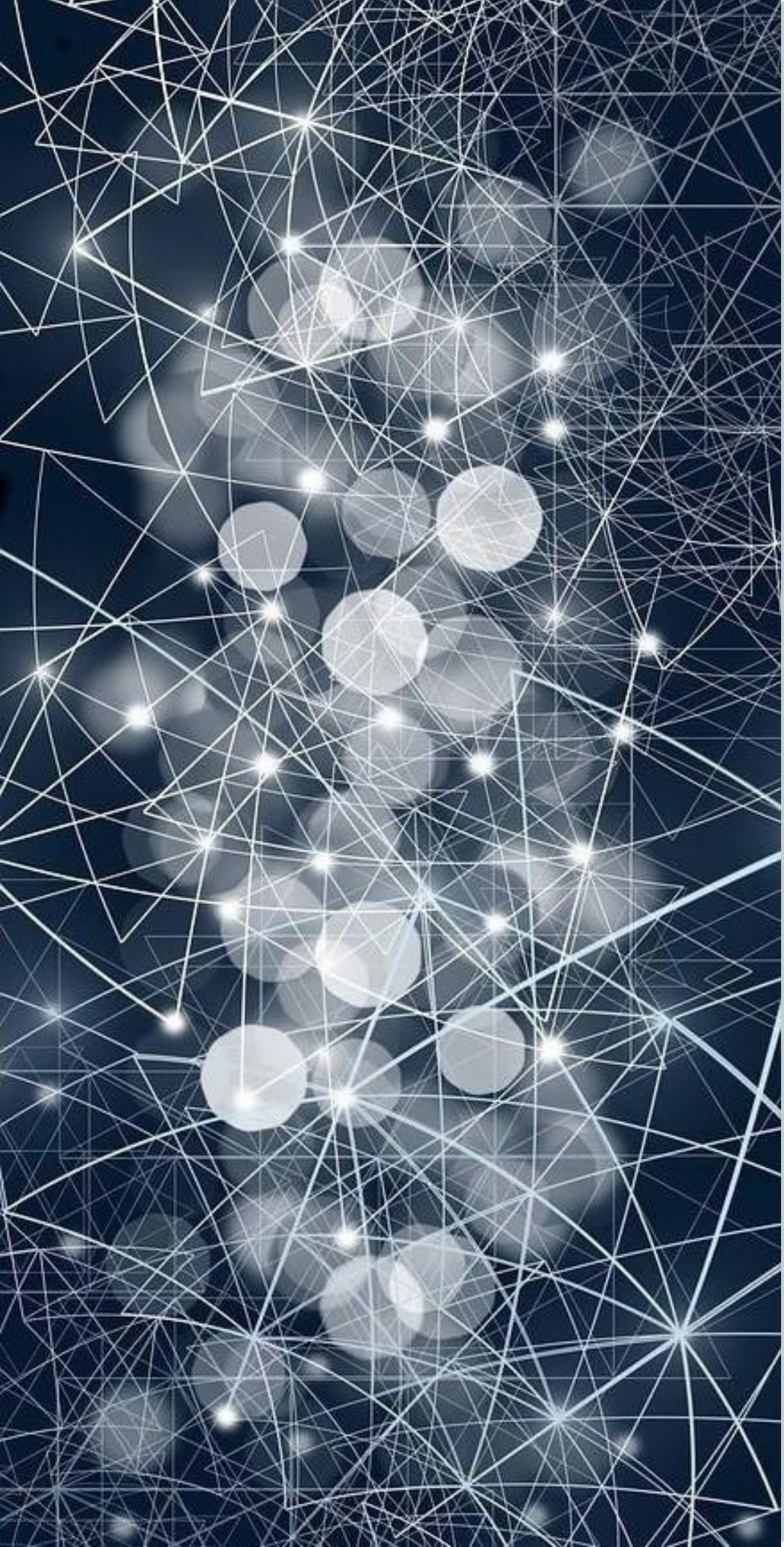


# ABOUT IEEE

Institute of Electrical and Electronics Engineers (IEEE) is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's phuigbhllicya ctiitoends, conferences, technology standards, and professional and educational activities. IEEE will be essential to the global technical community and to technical professionals everywhere and
be universally recognized for the contributions of technology and of technical professionals in improving global conditions. The IEEE is engaged in an enterprise-wide strategic planning process. A summary of the long-range strategic plan termed the IEEE Envisioned Future, details the main elements of the plan.

IEEE GHRIETN chapter was started in the year 2020 under the guidance of Dr. Smita Nirkhi ma'am and Prof. Amit Pimpalkar Sir, Prof. Tabassum Khan Ma'am, and the first elected Chair Master Ravindranath Sawane and team. Our chapter was established under the IEEE Nagpur Sub-Section Branch. IEEE Nagpur subsection is the 2nd subsection formed under the IEEE Bombay section and has started functioning from September 2017. This subsection has been formed for better networking between professional members and student members within the Nagpur district of Maharashtra state.

Over the year IEEE GHRIETN chapter has successfully organized various events. These events were mainly focused on giving students knowledge about the latest trends and technologies. The very first event under the GHRIETN chapter was held on 3rd April 2021.



# ARTIFICIX

*Fiesta-de-AI*

# ARTIFICIX 2K24 GLIMPSES
















Department of Artificial Intelligence of G H Raisoni Institute of Engineering and Technology, Nagpur has organized two days technical event ARTIFICIX -2K24.The main objective of the event ARTIFICIX -2K24 is to provide platform to students to organize and participate in various technical events. Various events are organized under ARTIFICIX -2K24.We are glad that we have successfully conducted various events like .

ARTIFICIX is a platform that provides an opportunity for students to showcase their talent in various fields of technology. The events are carefully curated to showcase the latest developments in the respective fields.

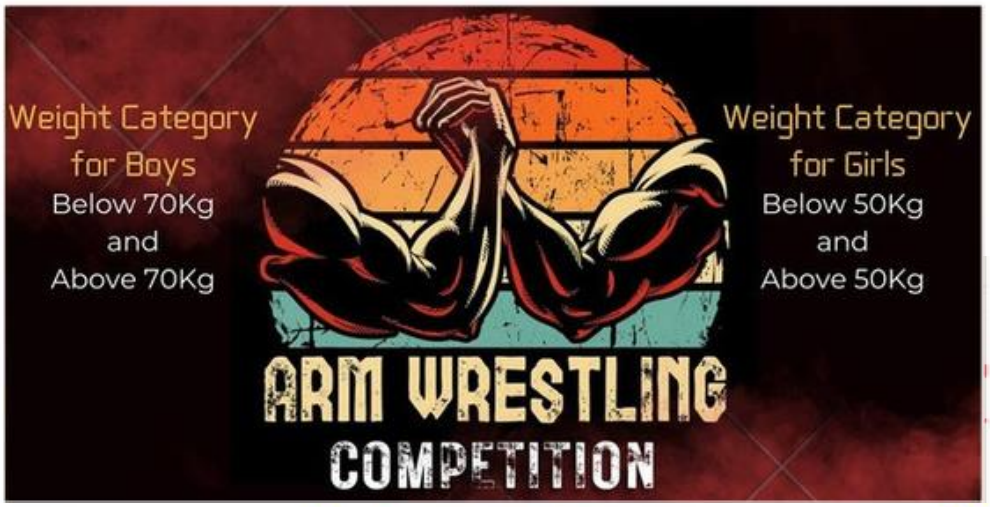
Total Registrations: 154


PROTOTYPE
THE ULIMATE HACKATHON FOR WEB DEVELOPERS
UNLOCK THE STRATEGIC ADVANTAGE: EMBRACE AI TOOLS

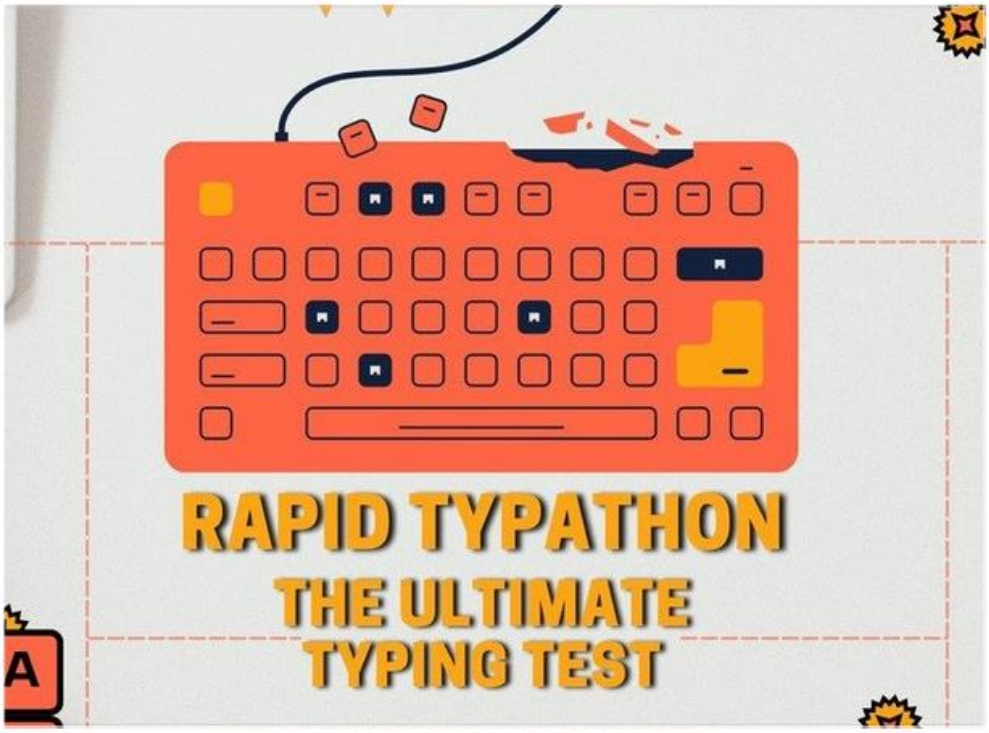

HACK
technical treasure hunt
HUNT


SMACK DOWN!


BATTLEGROUNDS
MOBILE
INDIA


Weight Category for Boys
Below 70Kg and Above 70Kg
Weight Category for Girls
Below 50Kg and Above 50Kg
ARM WRESTLING
COMPETITION




RAPID TYPATHON
THE ULTIMATE
TYPING TEST


BEYBLADE

# EVENT COORDINATORS



| Event Name | Co-ordinators Name |
|---|---|
| Rapid Typathon | • Viraj Belsare<br>• Punarv Patidar<br>• Aditya Katle |
| Valorant | • Sahil Selokar<br>• Meghraj |
| Arm Wrestling | • Samruddhi Khedkar<br>• Rajat Champurkar |
| BGMI | • Amey Meghare<br>• Revatish Sur |
| Hack Hunt | • Ashlesha Mohite<br>• Prayas Jadhav |
| Smackdown | • Vedant Dongre<br>• Anshul Kamble<br>• Aryan Shende |
| Hackathon | • Tejas Nasre<br>• Omprakash Yadav |



# Antaragni Winners



FUTSAL
RUNNER UP




TUG OF WAR
RUNNER UP

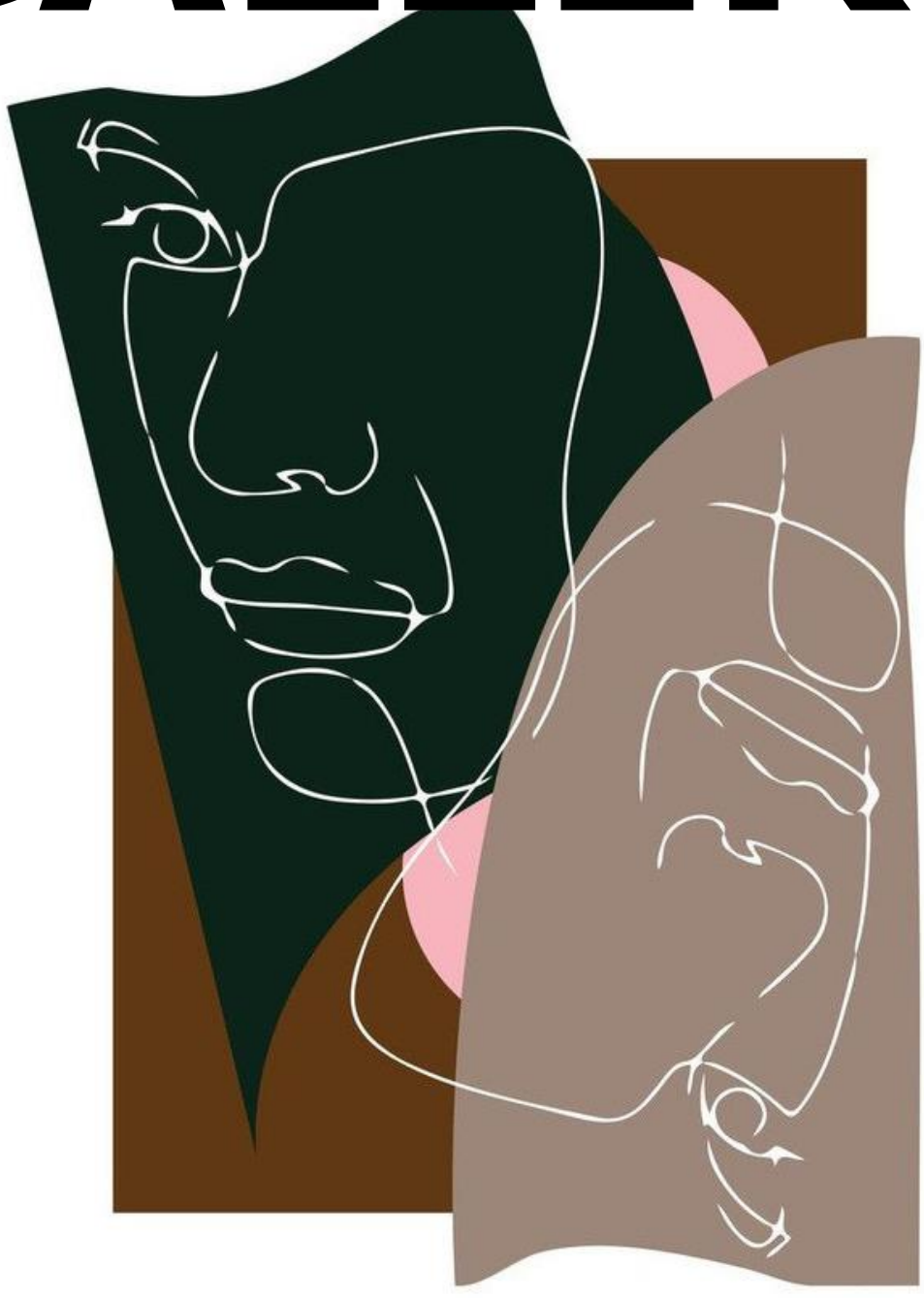



BASKETBALL BOYS
WINNER



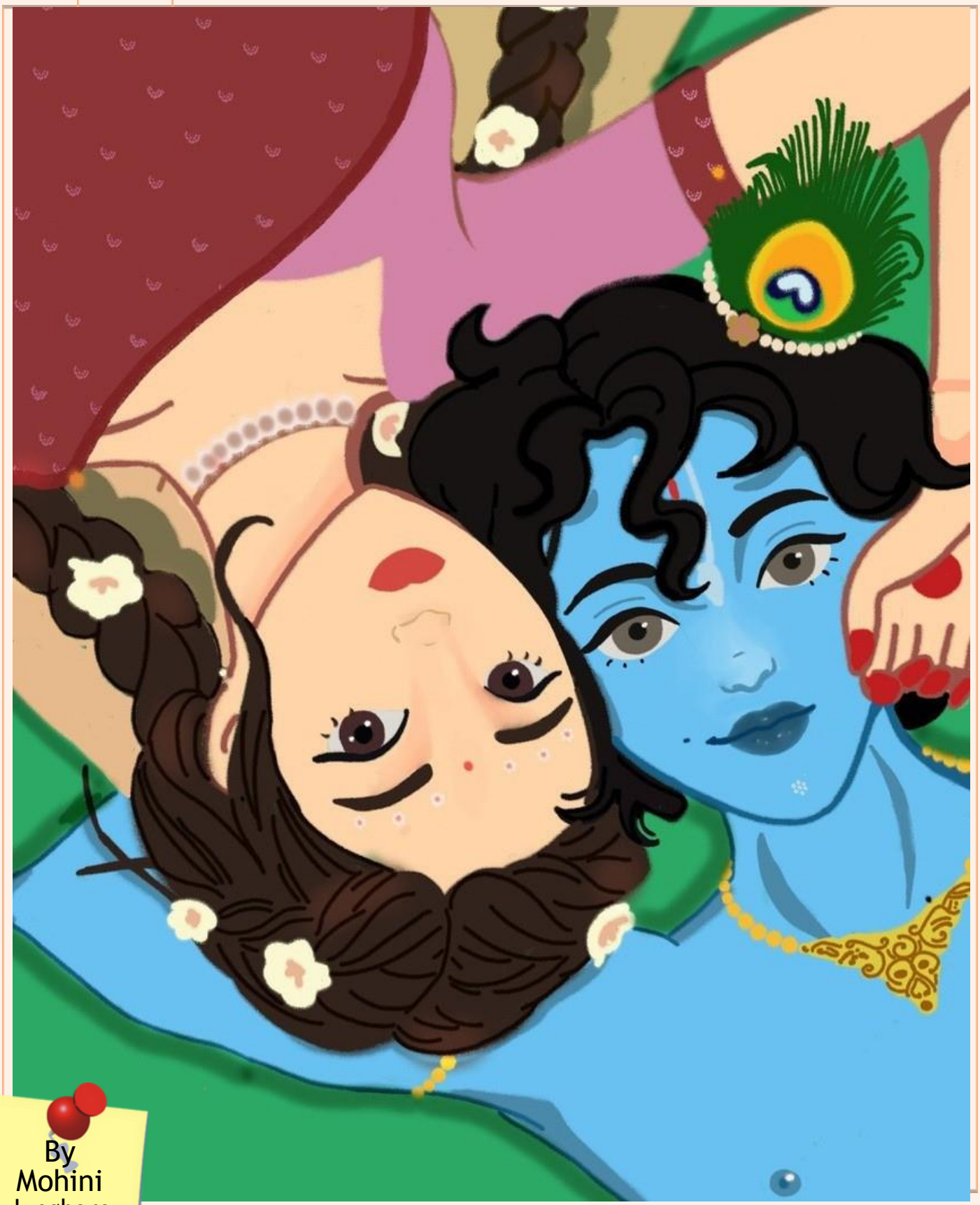

CHESS
WINNER
-SANIKA TELANG

# ART GALLERY

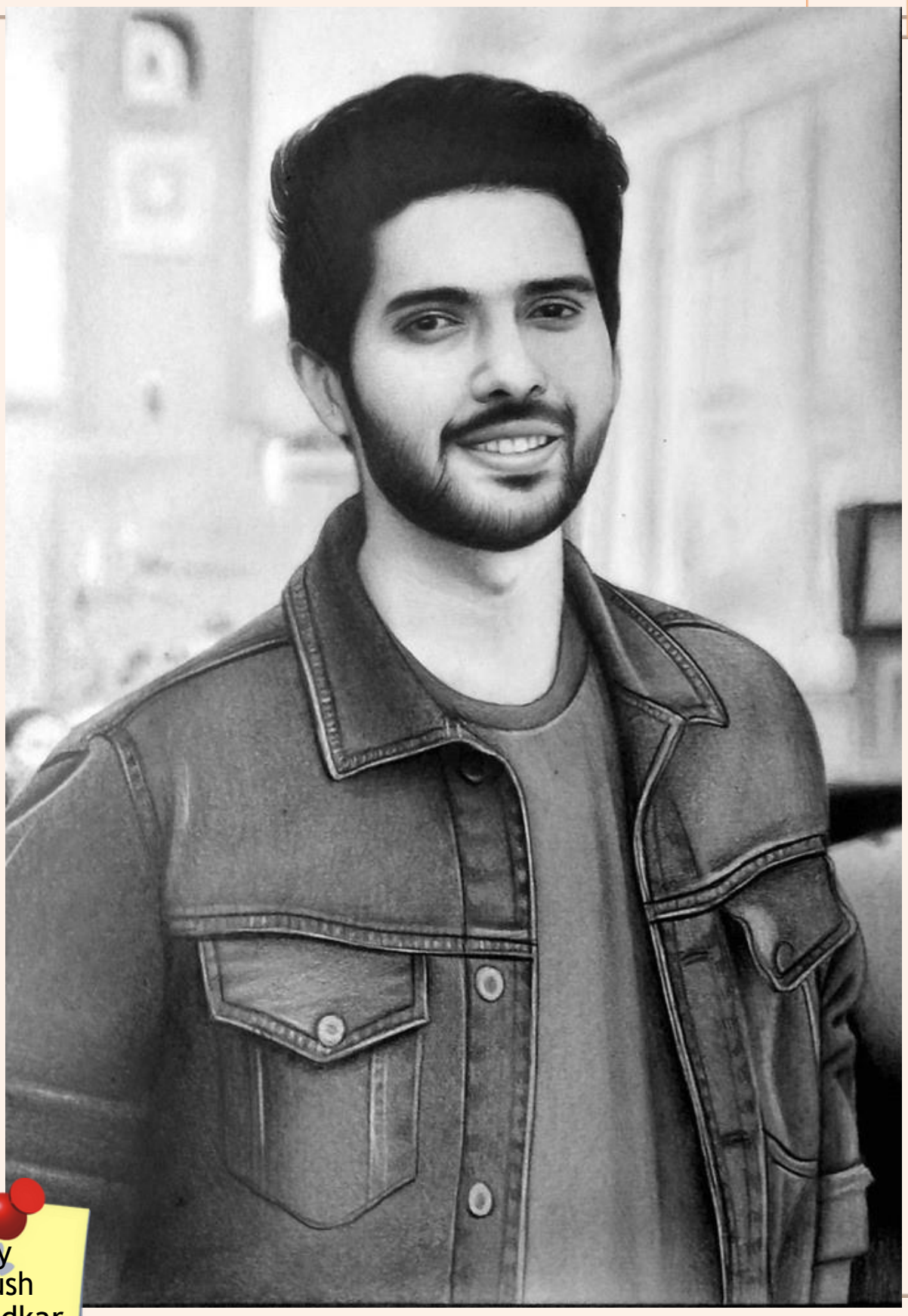




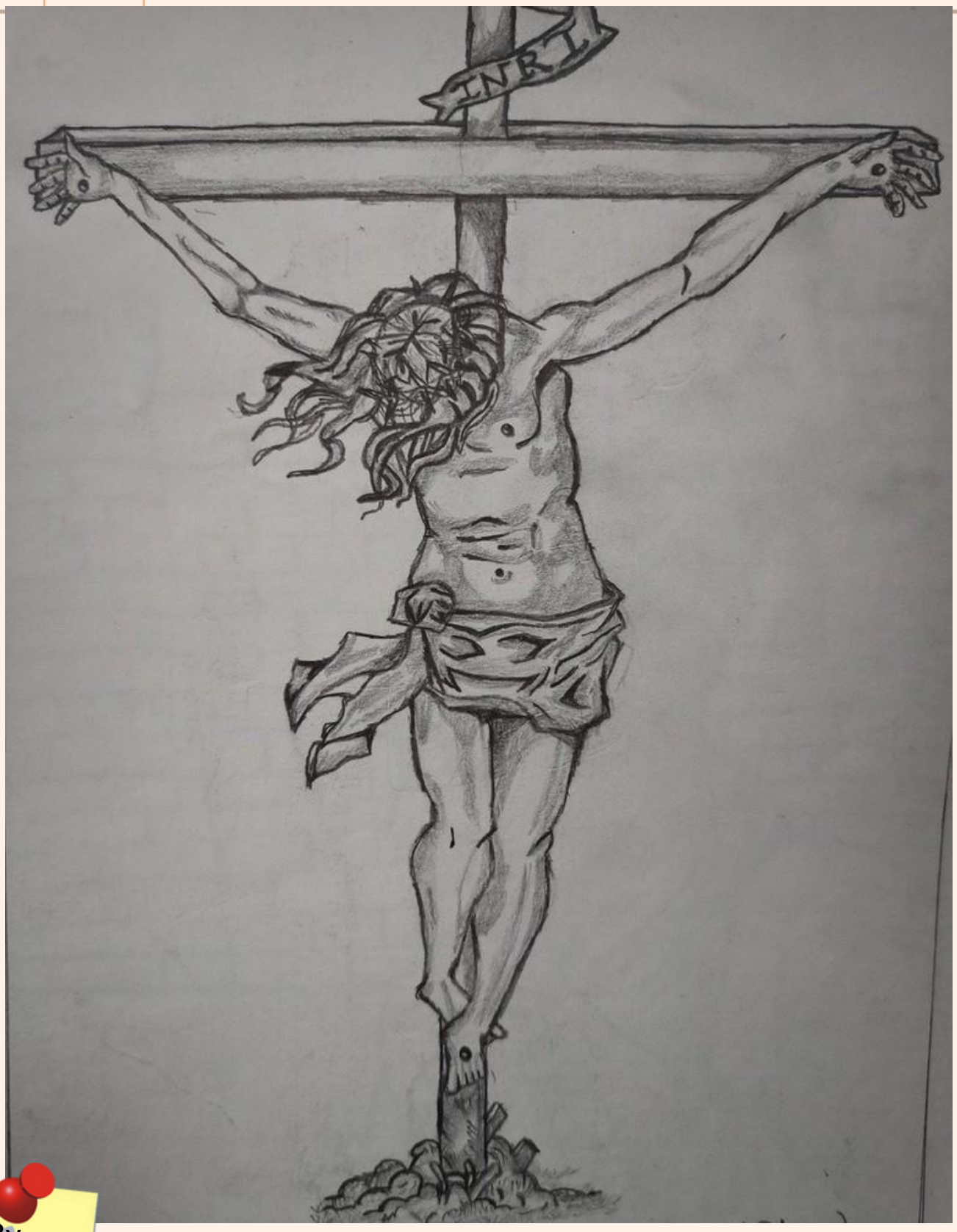
By
Vrushali
Katrojwar



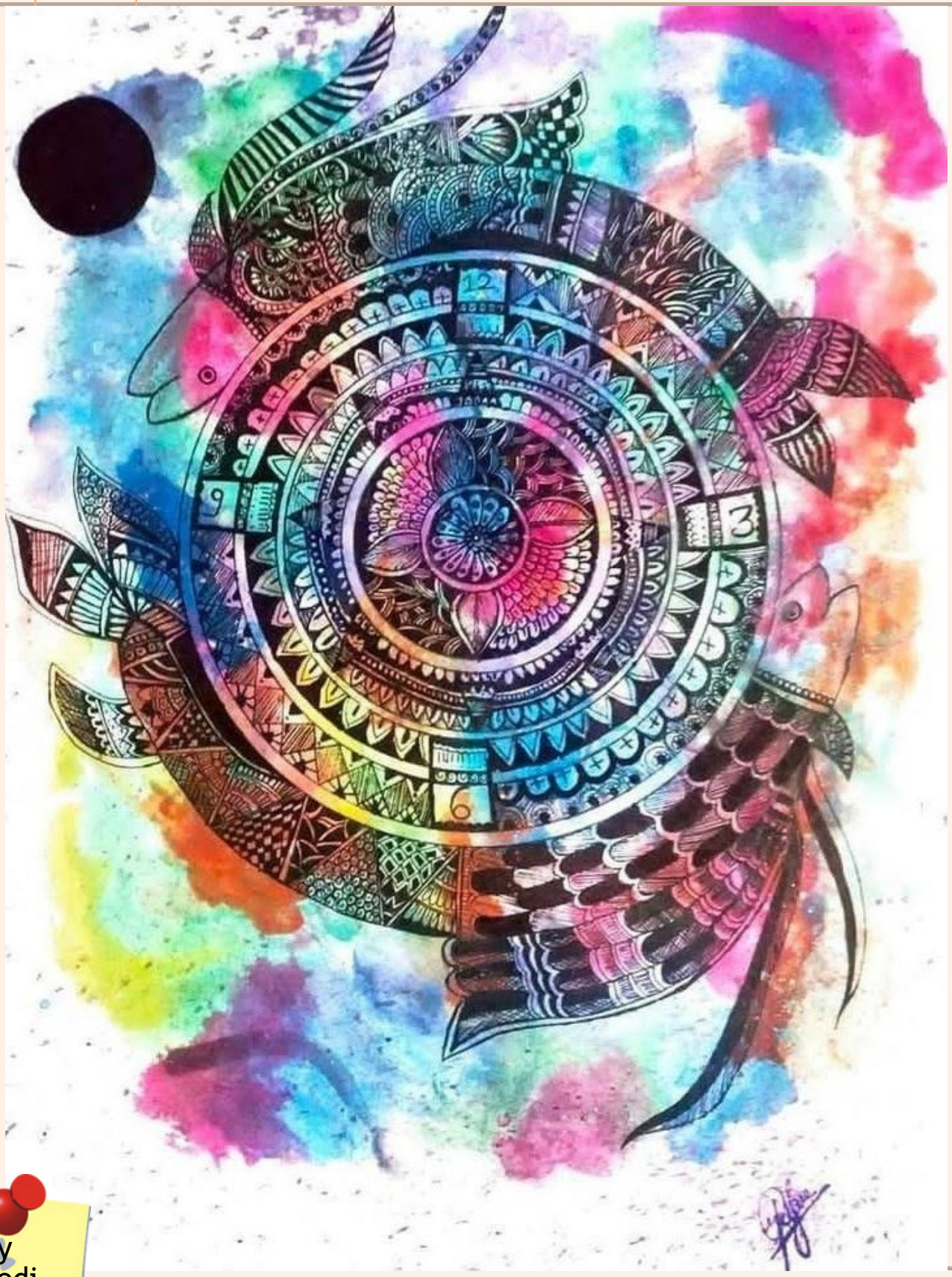
By
Mohini
Junghare



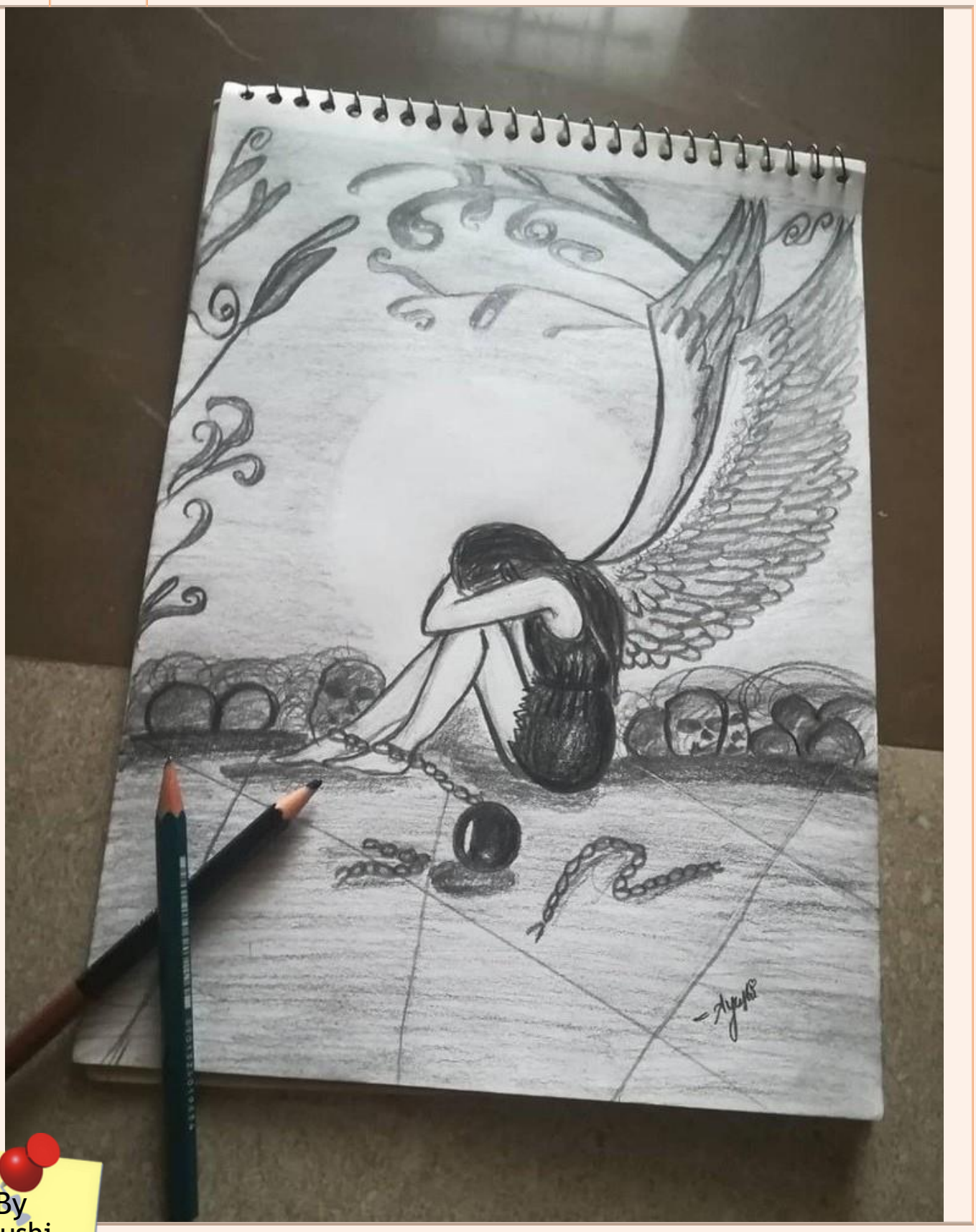
By
Ayush
Warudkar




By
Ketan
Kurve



By
Nivedi
Dufare



By
Ayushi
Thakre




By
Rishabh
Sharma



By
Ketan
Kurve



By
Tanvi
Kamde

# “मत सुन 5 नया क ”

चार बात दो7ता क ,
कु छ स™े, कु छ सापा क ।
Kया मि sकल म मदद करने आया कोई?
तू बस आगे बढ़, मत सुन 5 नया क ।

चार बात rsतेदारा क ,
कु छ उपयोगी कु छ थ
क । Kया हक़ है क सको हमारे
ज़दगी पे?
तू बस चलते चल, मत सुन 5 नया क ।

ल य है अपना,
क ठनाईयां भी अपनी,
फर लगे Kयू 5सरा क मदद,
जब क उसे पाने क मेहनत भी, होगी अपनी।

इस लए, चार बात लोगा क ,
कु छ अ´´े, कु छ ब ा क ।
इसान क अंदर क अ´´ाईयां
देखी है कसने? तू बस अपने पथ
पे चल, मत सुन 5 नया क ।



लोग सारे बुरे नह , कु छ अ´´े भी है,
पर ज़दगी मे ब5त थोड़ो से मुलाकात हो पाती है।
बाक सब तो को शश कर गे तु ह नीचे गराने क ,
इसकलए, तू बस कम कर, मत सुन 5 नया
क ।

-Kashish Ukey