

ORCHID



ISSUE 6 / 2022

ART & DESIGN
MAGAZINE

Editors' Note



The Craft Design & Technology at AVS is a complete powerhouse of handmade “CRAFT” done by the students using the indigenous materials and techniques after conceptualization and careful planning both digitally and manually. It is a big achievement for students to have the skills and be aware of our material resources and use them to make useful products; be design literate at this young age. Throughout the year we had competitions and workshops to hone our skills in handcrafting. The IPSC Visual Arts Fest which was conducted by the Rajmata Krishna Kumari Girls’ Public School as well as SRIJANYAM 2022 gave us an opportunity to showcase the achievements of my classmates and juniors in Orchid Issue 6. The showcase of creative products in the Inter-house product design competition was another feather in the cap for the CDT department.

-Harshit Sharma



Technology has been an essential tool in modern life art and designing. I have evolved and enjoyed every moment creating illustrations and designing the digital magazine ‘ORCHID’ and am proud of the way it reaches a higher level every year. I thank all the fellowmates who supported this venture and all juniors who learnt sincerely and have reached to a level where they can lead CDT to an even higher level in the years to come. All the best to everyone. Orchid Issue 6 is here to give you a visual treat! I hope you enjoy reading the magazine as much as we enjoyed making it!

-Shrey Modi



Art is not what you see, but what you help others see and envision. Student artists especially define this by taking inspiration from the world around them, and their friends, and in turn inspiring everyone else around them. This is what I intend to deliver throughout my span as the editor of Orchid. This issue of Orchid brings a compilation of all the art that the school has brought to life through various workshops, celebrations and competitions. The Bihu celebrations which helped enrich Assamese culture, the ardent and steadfast spirit shown through the inter house competitions, the zeal to bring out the best in the IPSC Visual Arts Fest, was all translated by these young artists through art that marvels everyone. Reeling from the pandemic, the students have been eager to unleash their creativity on any art form they can get their hands on. Art in AVS has a rich history, a flourishing present, and an encouraging future. As you flip through these pages, I hope to give you a glimpse of just that.

-Harshi Kashyap



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The creatives published are the students' ideation and do not necessarily reflect the views of The Assam Valley School . **Editor-in-Chief- Art:** Harshi Kashyap . **Editor-in-Chief-Design:** Shrey Modi, Harshit Sharma . **Art and Design Crew:** Krishna Agarwal, Anikaith Anant Joshi, Yash Raj Agarwal . **Cover Design:** Varshaa Rajkumari . Published by: The Headmaster, The Assam Valley School . Faculty Advisor: Priyanka Joshi . Online link: https://issuu.com/orchid-assamvalleyschool/docs/orchid_issue_6 . Website: www.assamvalleyschool.com . **Email:** orchid@assamvalleyschool.com

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ORCHID



ISSUE 6.1 / 2022

**FOUNDERS'
EXHIBITION**

EDITOR'S
PICK



KINETIC SCULPTURE

ACHIEVEMENT
3RD PRIZE IN ROBONGIERS ROBOTICS FEST

Organised by Pathways School Gurgaon
from 23 to 26 February 2022

Today's world is driven by competition, wealth and authority. The run for authority is ever widening and history has shown that we as humans can go to unimaginable lengths to have an upper hand. There being a very fine line between expectations and reality, people who walk that extra mile for that line to go finer, take some steps that qualifies as being particularly 'unimaginable'. This mile can trap a lot of innocent intentions and dreams alongside their own, which brings us to the world we live in today.

My sculpture depicts those intentions and aspirations alongside the very prevalent competition and the lengths people go to, to achieve them even though it could be stepping into the territory of being wrong. The hands emerging from the globe, reaching for heights, represent the ever so prevalent and obvious element of competition in our society. The fact that one might not be aware of who 'one upped' them in an aspect of which they were so bodeful. The kinetic element in the sculpture goes to show how desperate people are to fulfill their aspirations and that act is ever increasing. The man being chased represents all those who suffer owing to the hyper competitiveness, making the one who's chasing, overly devoted to the competition. The depiction is outlandishly strong because these lengths are often seen in our own society.

Artwork by Harshit Sharma (CDT Captain), Class 11, Thejose Epao, Class 10 & Nilav Prajapati, Class 4 (Sunnyside).



Founders' Exhibition

Art Department



FASHION SHOWCASE



NORZIN LHAMU



ANUSHCKA JOSHI



BIPASHA HALOI



ANUSHCKA JOSHI



NILASHA BHIMSARIA



JYJA AGARWAL

CDT Founders' Exhibition



ANGREE KILLINGPI



NILASHA BHIMSARIA

ANUSHCKA JOSHI



Students made patterns on fabrics using the technique of clamp dyeing. The garments were made by draping and binding them together with the help of rubber bands and plastic buttons.

PC: Zainab Khan & Luqmaan Ahmed

Founders' Exhibition

Craft Design & Technology Centre





Christmas Installation

Founders' at The Assam Valley School is not just any event that comes and goes; it is definitely one that is looked forward to the most. The 3-day CDT workshop towards the end of the Founders' Semester culminated in a grand installation spreading the Christmas aura of excitement and joy.



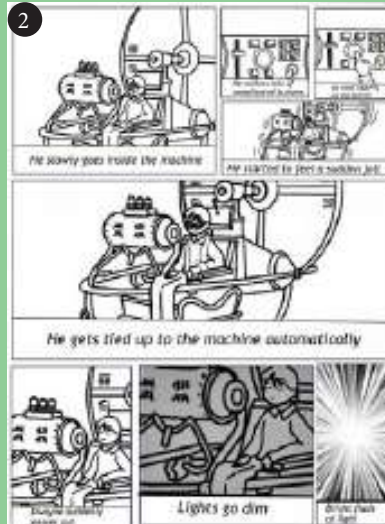




Artworks made by Lower School students during Art Workshop

ROBONGIERS ROBOTICS FEST

BY PATHWAYS SCHOOL



AVS entry for Reading: AI Graphic Novel

by Harshi Kashyap (Art Captain), Class 11 & Tasmin Ahmed, Class 9

SMART VILLAGE

Our school participated in the Robongiers Robotics Fest Competition in which we had to design a Smart Village. The village we designed has a radius of 2 kilometres and is spread over an area of 12.57 km². The village is divided into different sections which will all have different purposes.

Housing:- The village will have 750 houses which will accommodate around 3000 people. Each house will have an area of 2000 sq. ft. Every house will have its own lavatory for hygienic purposes. Every house will have 24 hrs water supply and electric services. It will also have facilities to house animals.

Agriculture:- An area of 6 km² will be reserved for agriculture where different crops will be grown during different seasons. The farm land will receive fertilisers from a biogas plant and will have irrigation facilities during the dry season.

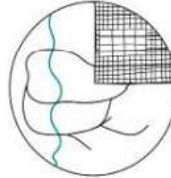
The village will be administered by a 'panchayat' which would take care of the law and order of the village. It will also have a common market (Haat) and will house a school, which will provide primary and secondary education. It will include a hospital, a Waste Management Centre, emergency services, uninterrupted power supply and potable water.

Design by Dev Agarwal, Class 11 & Anikaith Anant Joshi, Class 9.



Transportation

The village is internally connected by 2 lane roads made of concrete. The village will also have easy access to nearby towns and cities. Electric bikes which can accommodate 2 people will be used. This will help reduce our carbon footprint. Heavier non-commercial (luggage etc.) loads can be carried in electric three wheelers that can be loaned via an online app for money, in a similar system to Yulu cycles, a company in Bangalore. These 3 wheelers can be picked up and dropped off at designated zones, with a penalty fee if not done so. Most important or public areas are within walking distance of the main highway area of the village as well. Electrical tractors will be used for agricultural work.



Energy

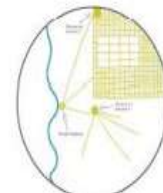
The village will be powered by the 2 MW platform created by GE renewable energy, with an estimated output of 2 MW. We plan to be able to power

OUTPUT (MW)	2
ROTOR DIAMETER(m)	116m
HUB HEIGHTS(m)	80m
FREQUENCY(Hz)	60Hz
IEC WIND CLASS	III&IV

Our wind turbine produces a total of about 2 mWh of power=2000 kWh (1 mWh=1000 kWh)

and in total produces 2000 (energy produced) x 24 hours = 48000 kWh per day. The average 4 family household in a 2000 sq ft consumes approximately 30 kWh of electricity in a day. Therefore our 750 homes will generate a total of 30kWh x 750= 22500 kWh.

Which is 45.825% of estimated output, easily allowing us to compensate for sudden spikes in energy consumption and drops in production. In the event of a malfunction of the turbine, power can be temporarily generated in the waste



Village management and living arrangement

The village has a radius of 2 kilometres and is spread over an area of 12.57 km². The village is divided into different sections which will all have different purposes.

Housing - The village will have 750 houses which will accommodate around 3000 people. Each house will have an area of 2000 sq feet. Every house will have its own lavatory for hygienic purposes. Every house will have 24 hrs water supply and electric services. It will also have facilities to house animals.

Agriculture - An area of 6 km² would be reserved for agriculture where different crops will be grown during different seasons. The farm land will be receiving fertilisers from a biogas plant and will have irrigation facilities during the dry season.

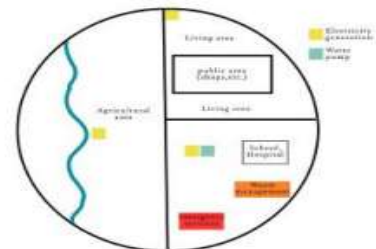
The village would be administered under the panchayat which would take care of the law and order of the village. It will also have a common market (Haat), it will also house a school, which will provide primary and secondary education. It also has a Hospital, Waste management centre, emergency services, continuous electricity and potable water.

Waste mitigation

The village will strictly follow the concept of 3 R's, Reduce, Reuse, Recycle. The village will have an underground Sewage system which will be connected to all the houses. This system will then lead to the waste Management center where it would be purified and drained into the river.



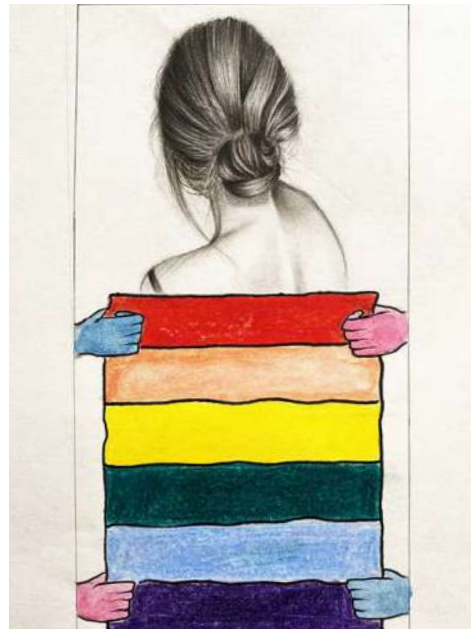
Agricultural waste such as hay, paddy etc. is usually burned however it will instead be collected and then anaerobically digested to give methane. This biogas can be used for cooking by the villagers and can also be used to generate electricity in case of a malfunction in the wind turbine. The process will also give organic fertilisers as a by-product which can be used by the farmers. The solid non-organic waste would be segregated and sent to recycling centres.



Art Showcase

Art Department





Artworks by:

Anvita Dey, Class 10, Reemeya Mithi, Class 9, Anvita Dey, Class 10, Reemeya Mithi, Class 9.

Previous page: Top to Bottom, L to R: Harshi Kashyap, Class 11, Anvita Dey, Class 10, Reemeya Mithi, Class 9, Bhavya Kejriwal, Class 7.



Bharoli House Mascot: Sculpture by Mr. Tapan Barui

ORCHID



BATMAN RETURNS

ANYTIME. ANYWHERE.
HE'S WATCHING YOU!

ISSUE 6.2 / 2022

BIHU
CELEBRATION

EDITOR'S
PICK



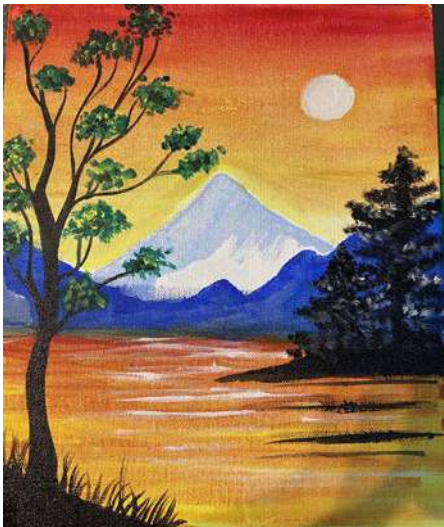
Top : Harshit Sharma, Class 12
Bottom : Bhavya Kejriwal, Class 8



Top : Anusckha Joshi, Class 12 (outgoing)
Bottom : Anvita Dey, Class 10



Top : Gengam Dulom, Class 12
Bottom : Bhavya Kejriwal, Class 8



GUESS THE HEROS



BIHU Celebration



For the Bihu Celebration this time students of all the classes made traditional musical instruments out of clay, bamboo & water hyacinth, food and posters for the Bihu festival. This increased their awareness of the Assamese culture.



WATER COLOR WORKSHOP

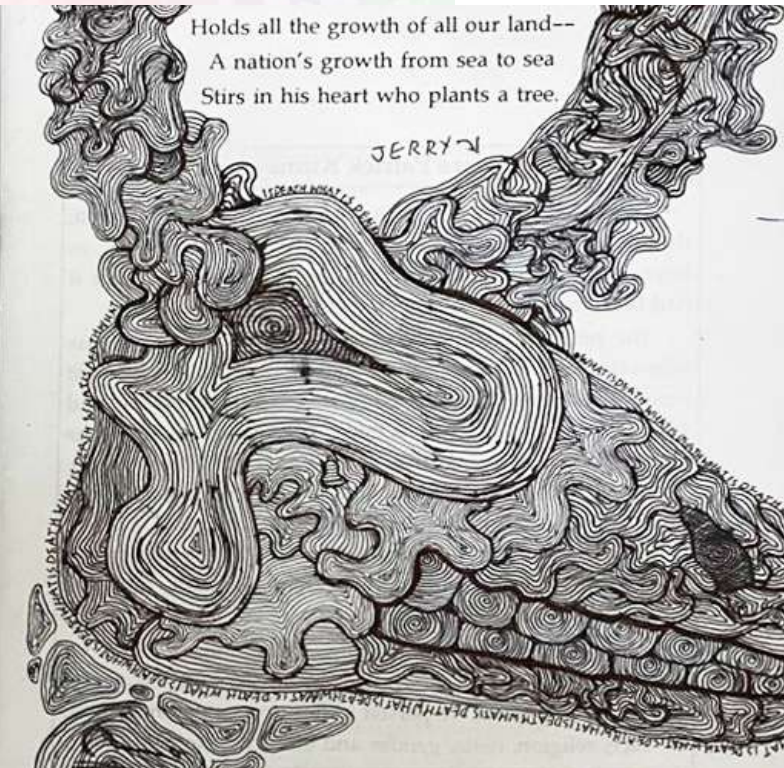


The Art Department conducted a workshop to develop water color paintings skills of the students. The students learnt how to make quick water color paintings for travelogues and visual journals. Students from both lower and upper schools attended the workshop and created brilliant artworks within a short span of time.





ORCHID



ISSUE 6.3 / 2022

**INTER-HOUSE
ART & CDT**

1

The Heart of the Tree

-Henry Cuyler Bunner

Who plants a tree?
 Who plants the sun and sky;
 Who plants the breezes free;
 Who plants the covering high;
 Who plants the heaven anigh;
 Who plants the room of bird
 Who plants the twilight heard--
 The treble of heaven's harmony--

*Trees add
 beat beauty
 and dimension
 to an otherwise
 flat land.*

These things he plants who plants a tree.

What does he plant who plants a tree?

He plants cool shade and tender rain,
 He plants the ways to be,
 And years that fade and flush again;
 He plants the gain
 He plants the age;
 The harvest of a coming age;

The joy that unborn eyes shall see--
These things he plants who plants a tree.

What does he plant who plants a tree?

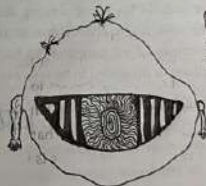
He plants, in sap and leaf and wood,
 In love of home and loyalty
 And far-cast thought of civic good--

8
 you have thieved, the police will come tonight and break your bones. Don't involve me. I will go away to my parents..."



SIR LEECICUS
His hair is trees

In triumphs, people have dropped down dead.
 Paid by the world, what dost thou owe
 "Me?"—God might question; now instead,
 'Tis God shall repay: I am safer so.



MR. EYE
*He will see, or
 sense, or feel,
 realize he can
 do anything
 else?*

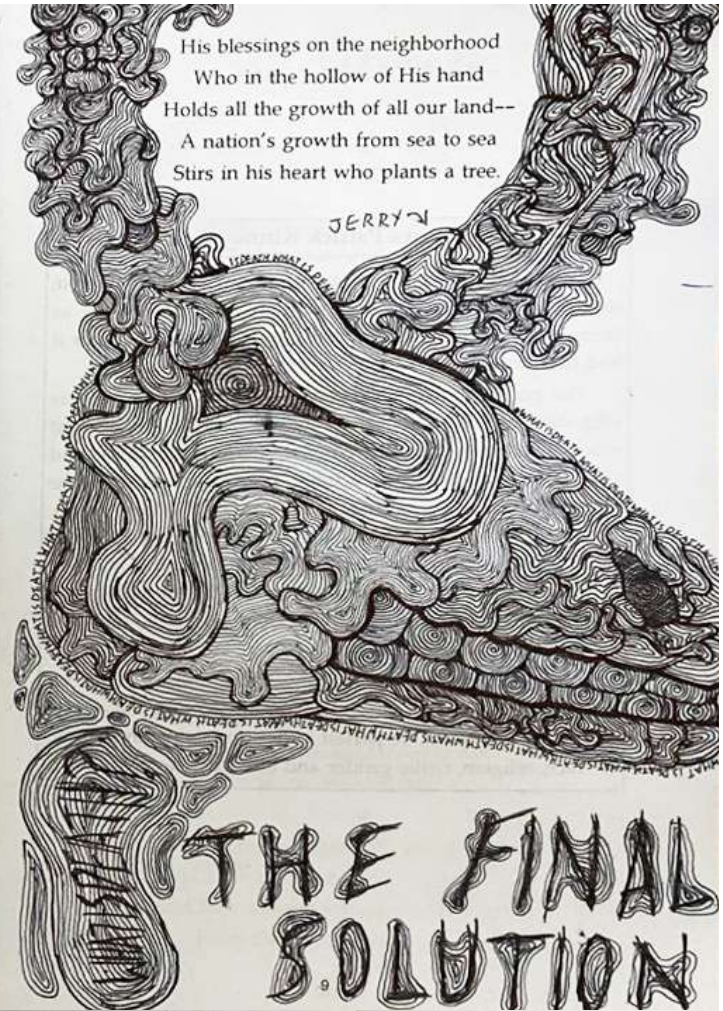
SIR CRABACUS THE ~~XXVII~~



EDITOR'S PICK

EXAM DIARIES

Artworks by Anikaith Anant Joshi, Class 10



THE FINAL SOLUTION

Class: VIII
Subject: CDT

Max. Marks: 40
Time: 40 minutes

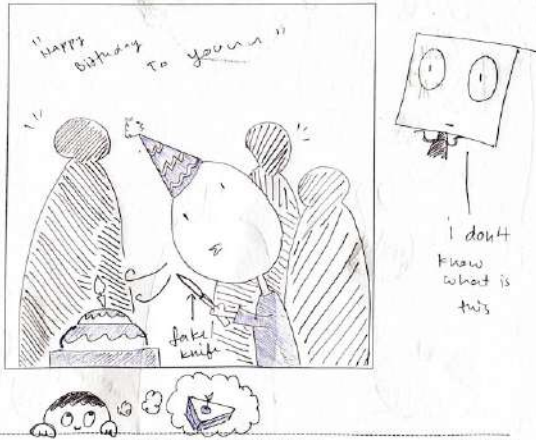
All questions are compulsory. Supervising examiners are requested to ensure that candidates write their name, class, section and the answers clearly in the given question paper.

Name of Student: Anvita Dey Class & Section: 11 / SA

Roll No.: 5-3340 Invigilator's signature: [Signature]

Question 1 (02X 10= 20)

A. Visualize and complete the drawing inside the given frame (use pencil only).

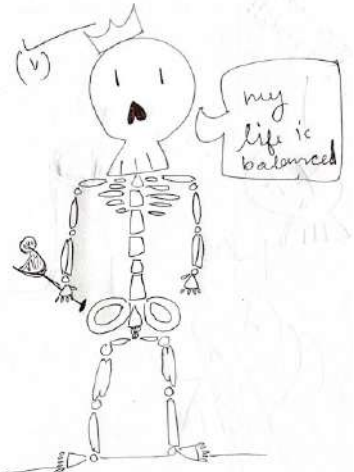
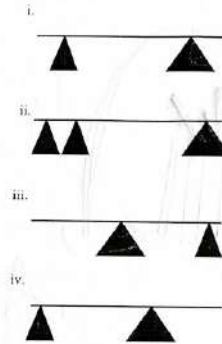


PRJ/INB This paper consists of 8 printed pages. [Page 1 of 8]

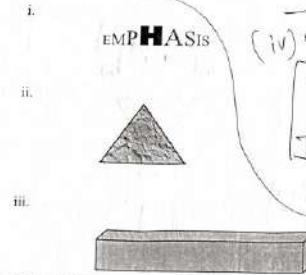
Artworks by Anvita Dey, Class 11

Question 3: Circle or Tick mark the correct answer for the following: (01X 10= 10)

A. Which one shows Balance?



B. Which one is an element of art?



PRJ/INB This paper consists of 8 printed pages. [Page 4 of 8]

ii. **CONTRAST**

iii. **CONTRAST**

iv. **CONTRAST**

E. Which one is in Rhythm?

i. **RHYTHM**

ii. **RHYTHM**

iii. **RHYTHM**

iv. **RHYTHM**

F. Which is a set of warm colours?

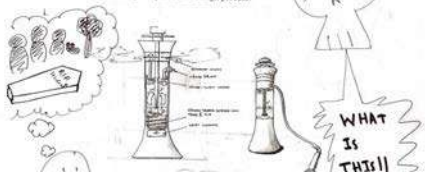
i. Orange-Yellow-Green

ii. Yellow-Blue-Violet

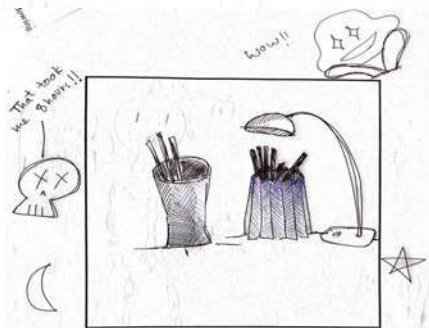
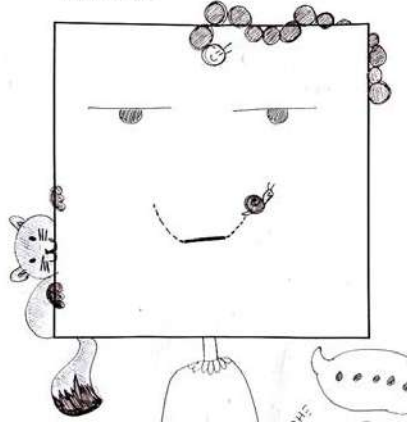
iii. Orange-Red-Yellow

iv. Red-Yellow-Orange

G. Which of the following is a part of the design process?



a) Bird Feeder
OR
b) Desk Organizer



Question 2: Answer the following:

- Complementary colour of Green: Red
- Name a Cool colour: Blue
- Name a secondary colour: Green
- Name a principle of Design: Balance
- By mixing yellow and blue, the colour that we get: Green

(02X 5= 10)

INTER-HOUSE ART COMPETITION LOWER SCHOOL (PAINTING)

THEME: RURAL AREA



KOPILI-DHANSIRI



SUBANSIRI-NAMDANG

JINARI-MANAS



BHOROLI-LOHIT



INTER-HOUSE ART COMPETITION LOWER SCHOOL (SCULPTURE)

THEME: RURAL AREA



KOPILI-DHANSIRI



SUBANSIRI-NAMDANG



JINARI-MANAS



BHOROLI-LOHIT

INTER-HOUSE ART COMPETITION UPPER SCHOOL (SCULPTURE)

THEME: MOTHER AND CHILD





KOPILI-DHANSIRI



JINARI-MANAS



BHOROLI-LOHIT



SUBANSIRI-NAMDANG



INTER-HOUSE ART COMPETITION UPPER SCHOOL (MURAL)

THEME: HOUSE CHRONICLES



MANAS - JINARI



LOHIT - BHOROLI





DHANSIRI - KOPILI



NAMDANG - SUBANSIRI



OVERALL RESULTS

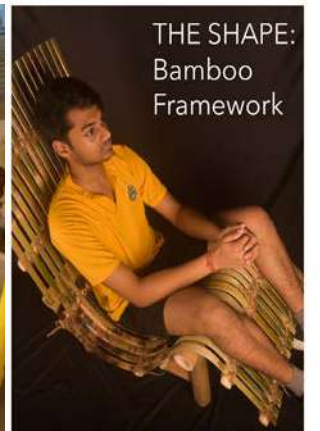
- 1st : Bhoroli- Lohit
- 2 nd : Jinari- Manas
- 3 rd : Subansiri- Namdang
- 4 th : Kopili- Dhansiri

IH ART CUP: Bhoroli- Lohit

THEME: WISDOM SEAT



KOPILI-DHANSIRI



INTER HOUSE DESIGN COMPETITION

IH DESIGN CUP: Subansiri-Namdang



The Inter-house design competition was held from 10 May to 6th June 2022. Each brother-sister house was to make a life-size stool/ chair/bench in mixed material for outdoor using cement & tile mosaic technique.

JUDGING CRITERIA: Creativity (Unique interpretation of the theme), Originality (Freshness, thinking in new ways), Skill (Command over the medium), Design (Functionality), Presentation (Design Process including Conceptualization, Planning & Making)

RESULTS:

1st Position: Subansiri-Namdang
2nd Position: Bhoroli-Lohit, Jinari-Manas & Kopili-Dhansiri





AVS ENTRIES FOR CGS ART COMPETITION, BANGLADESH: Top, L to R: Artworks by Akum R. Marak, Class 12, Anuran Paul, Class 10, Siddhi Gupta, Class 10, Harshi Kashyap, Class 12. Middle, L to R: Limeka Ayemi, Class 12, Migam Angu, Class 12, Priyadarshini Gogoi, Class 12. Bottom, L to R: Tadar Yajum, Class 12, Varshaa Rajkumari, Class 12, Gengam Dulom, Class 12.

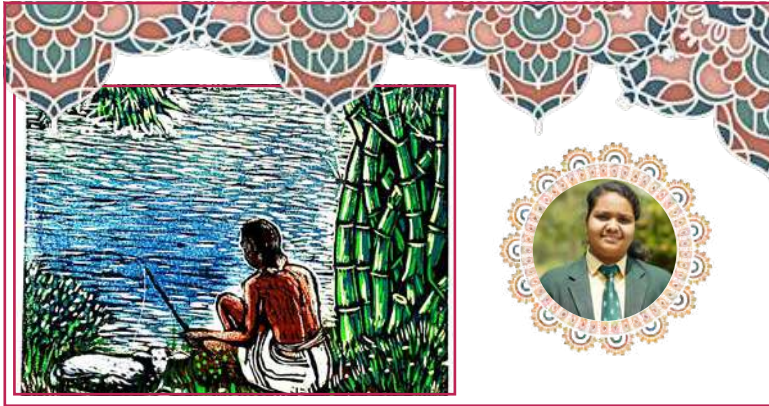


ORCHID



ISSUE 6.4 / 2022

STAR
ACHIEVEMENTS



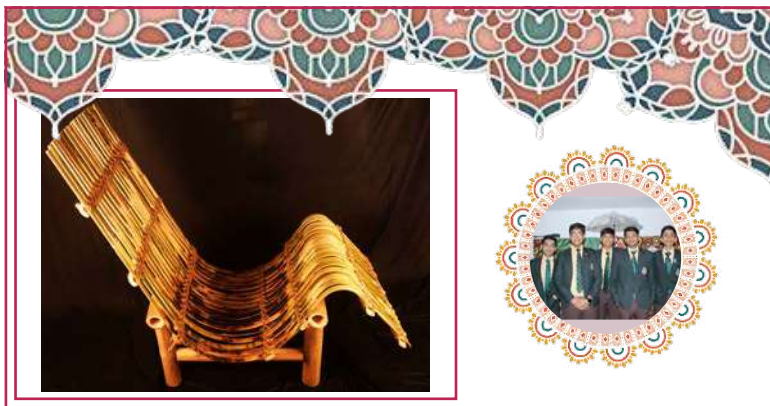


FIRST POSITION
PASTER OF PARIS RELIEF
CARVING
MOHAMMED SUHAYB AHMED
HIMANGSHU GOENKA

FIRST POSITION
CARTOONING
Harshi Kashyap



FIRST POSITION
CLAY MODELLING
Jaskeerat Singh







String Art

Jury's Choice Award



Harshit Sharma

The Assam Valley School
Balipara (Assam)

Hum Ek Hain
Harmony

THE IPSC VISUAL ART FEST 2022
18th to 20th July, 2022



Hosted by Rajmata Krishna Kumari Girls' Public School, Jodhpur, Rajasthan



Still Life

Honorable Mention



Harshi Kashyap

The Assam Valley School
Balipara (Assam)

Hum Ek Hain
Harmony

THE IPSC VISUAL ART FEST 2022
18th to 20th July, 2022



Hosted by Rajmata Krishna Kumari Girls' Public School, Jodhpur, Rajasthan



Outdoor Landscape **Creative Art Award**




Akum Raksam Marak
The Assam Valley School
Balganga (Assam)

Hosted by Rajmata Krishna Kumari Girls' Public School, Jodhpur, Rajasthan

Hum Ek Hain
Presenting
THE IPSC VISUAL ART FEST 2022
18th to 20th July, 2022

Portrait Drawing **Future Generation Art Award**




Akum Raksam Marak
The Assam Valley School
Balganga (Assam)

Hosted by Rajmata Krishna Kumari Girls' Public School, Jodhpur, Rajasthan

Hum Ek Hain
Presenting
THE IPSC VISUAL ART FEST 2022
18th to 20th July, 2022

Pop Relief Work **Promising Young Artist**



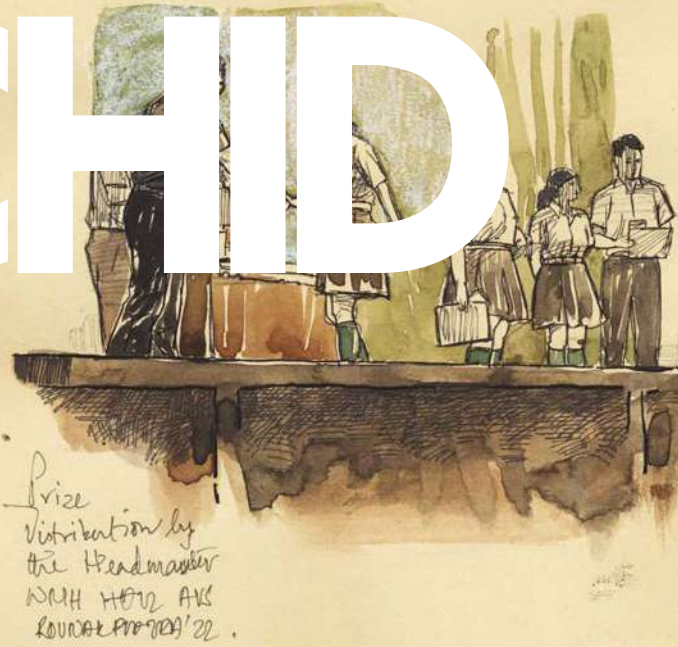


Shreyas Palani

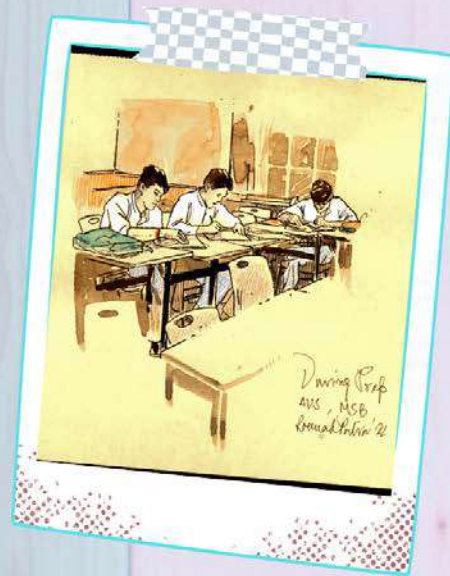
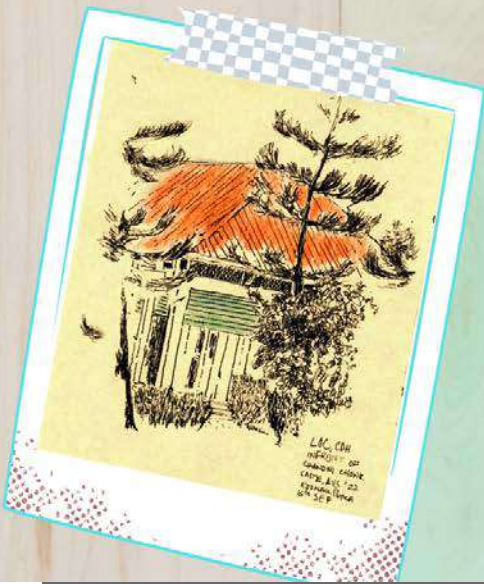
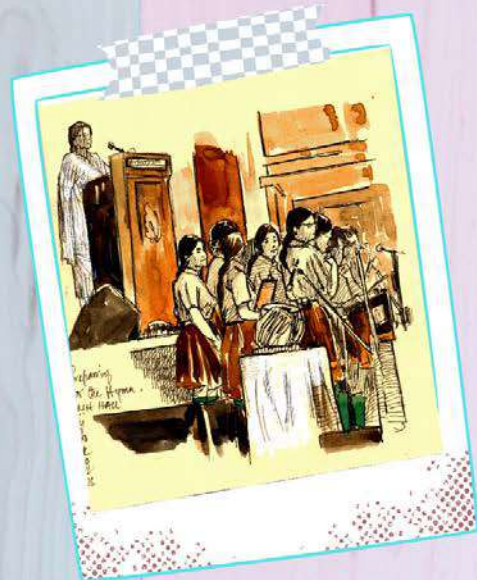
Taran Yadav
The Assam Valley School
Balganga (Assam)

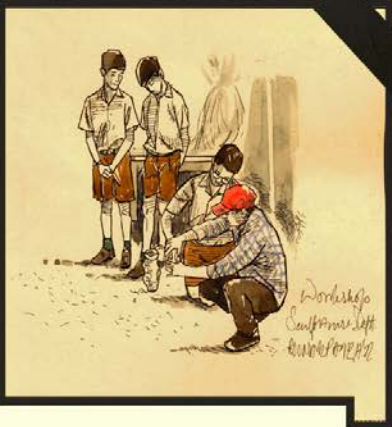
Hum Ek Hain

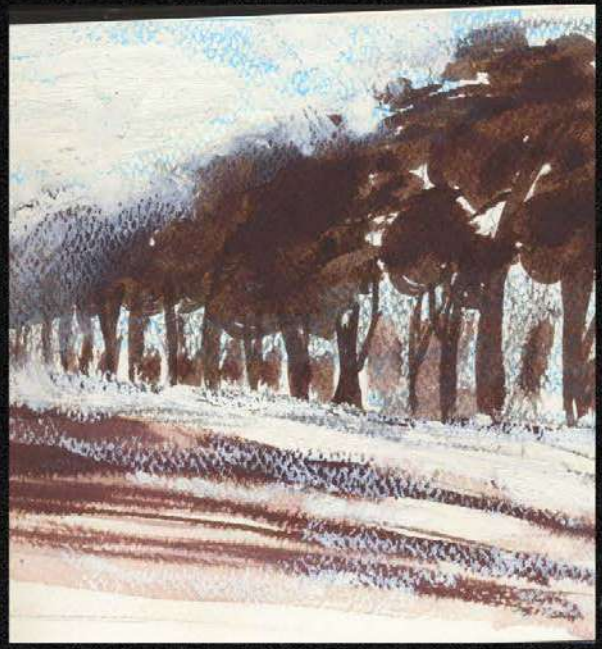
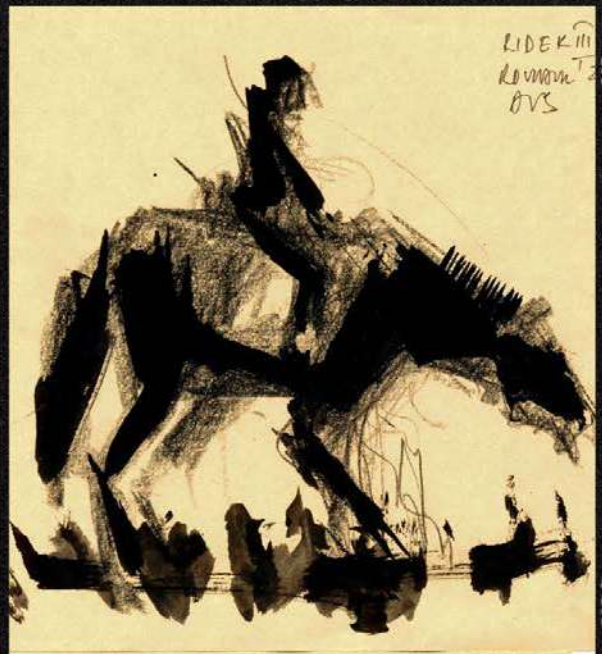
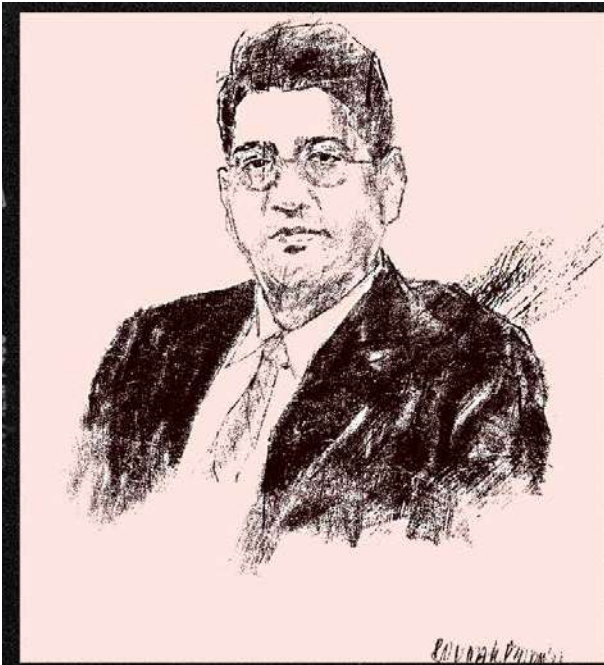
ORCHID



ISSUE 6.5 / 2022
**THE
SKETCHBOARD**









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