

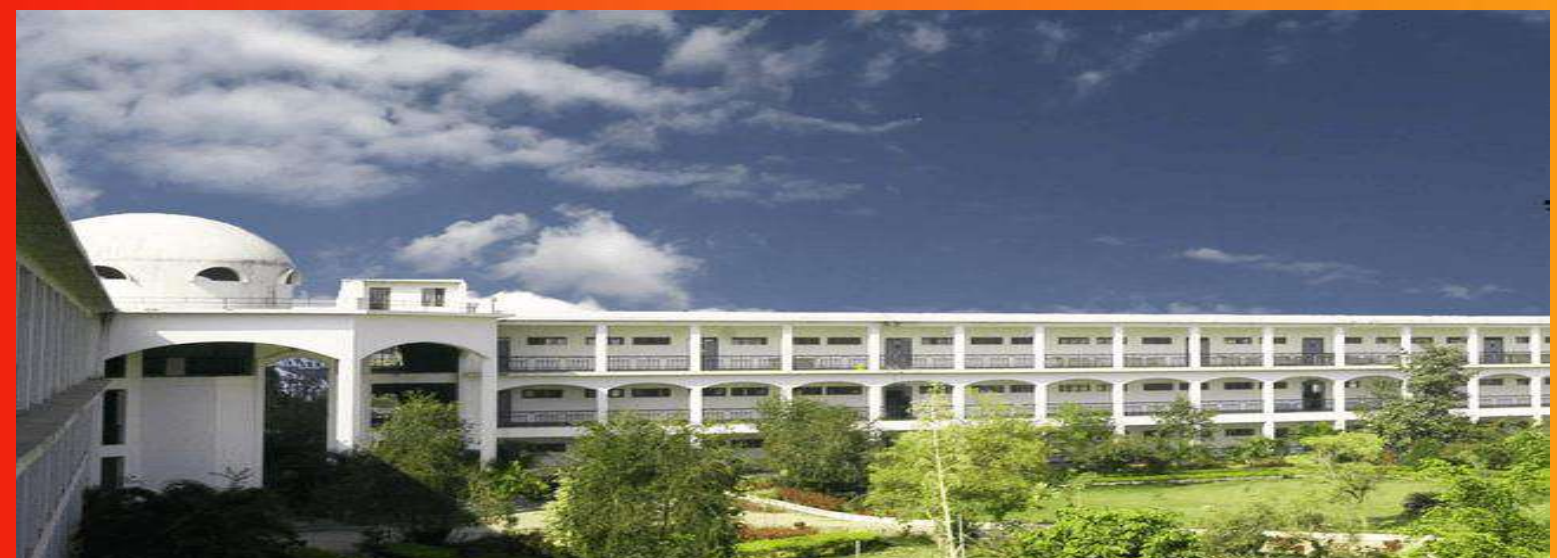
**Department
of
Electronics and Communication Engineering**

ECE CHRONICLES

JAN 2024-JUNE 2024

Volume 6 , Issue 1

Don Bosco Institute of Technology, Bangalore-74



VISION AND MISSION

VISION – ECE DEPARTMENT

To nurture and disseminate the body of knowledge in the field of electronics and communication engineering along with ethical values to serve the society globally.

MISSION – ECE DEPARTMENT

M1	To impart knowledge through teaching learning process that builds strong concepts in Electronics and Communication Engineering.
M2	To inculcate technical, professional, managerial and leadership skills.
M3	To nurture students to provide sustainable solutions keeping environmental considerations and ethical practices.



From the Editorial's Desk

Dear Readers,

It gives me great pleasure to address you all through this ECE chronicles, of our Electronics and Communication Engineering (ECE) newsletter.

This newsletter serves as a platform to showcase the remarkable achievements of our department.

Our faculty and students have been actively engaged and are continuously pushing the boundaries of what is possible, in all areas such as communication, VLSI, signal processing, IoT, etc. These efforts align with our mission to provide the best education and contribute meaningfully to the industry.

I would also like to encourage all students to actively participate in the various opportunities available, from internships to research projects, and take full advantage of the resources our department provides. Your enthusiasm and commitment are what drive the success of our ECE community.

Let us continue to work together to achieve new heights in academic excellence, innovation, and professional growth.

Thank you for your support, and I hope you enjoy this edition!

Mrs. Mahadevi S. Manur

Chief Editor

Electronics and Communication Engineering

Don Bosco Institute of Technology

President, Vice-President Messages



Sri. B. Bylappa
President

ECE Chronicles, the department newsletter highlights key developments, notable achievements, and upcoming events that will further solidify our commitment to excellence.

As we continue to strive for greater heights, I encourage you to remain engaged with our department, whether by participating in events, mentoring students, or collaborating on research initiatives.

I would like to take this opportunity to thank all of you—students, faculty, staff, and alumni—for your continued efforts and contributions. Your work strengthens the fabric of our ECE department and ensures our lasting success.

Let's continue this journey of excellence and make the most of the exciting opportunities ahead.



Sri. B. Manjunath
Vice President

Secretary, Principal Keynotes

The ECE department, has successful accreditation from both the National Board of Accreditation (NBA) and the National Assessment and Accreditation Council (NAAC). These accreditations are a testament to the collective efforts of our faculty, staff, and students, and they highlight our commitment to excellence in education, research, and overall institutional development.

I take this opportunity through this Newsletter to congratulate and wish best of Luck to the entire ECE department for all their endeavours.



Sri. B. Raghav
Secretary



Dr. B S Nagabhushana
Principal

The field of ECE continues to be a cornerstone of technological innovation, and I am delighted to witness the outstanding contributions from our department to both academia and industry. I encourage all students to take full advantage of the opportunities provided by the department and to continue pushing the boundaries of what is possible in electronics and communication technology.

Congratulations to the editorial team for bringing together such a valuable resource, and I hope you all find this edition inspiring and insightful.

HOD Message

Welcome to the Department of Electronics and Communication Engineering (ECE) at Don Bosco Institute of Technology, Bangalore.

The field of Electronics and Communication Engineering plays a pivotal role in shaping the future of our digital world, and we are committed to providing our students with the knowledge, skills, and experience they need to excel in this ever-evolving industry.

Our department prides itself on offering a robust curriculum that blends theoretical foundations with hands-on practical experience. From cutting-edge research in areas such as like VLSI design, wireless communication, signal processing, IoT, etc and to collaborations with industry leaders, we aim to equip our students with the tools necessary to solve real-world problems and become leaders in their fields.

We are also proud of our distinguished faculty, who bring a wealth of experience and expertise to the classroom, fostering an environment of academic excellence and innovation. Their mentorship and guidance are instrumental in helping our students thrive in both academic and professional arenas.

At ECE, we place a strong emphasis on research and development, encouraging our students to engage in ground breaking projects and explore emerging technologies. Through internships, industry collaborations, and state-of-the-art labs, our students gain invaluable practical exposure, ensuring they are ready to meet the challenges of the global tech industry.

Whether you are a prospective student, researcher, or industry partner, we look forward to welcoming you to our department and working together to shape the future of electronics and communication engineering.

Dr.A.N.Maheshwarappa
Head of the Department
Electronics and Communication Engineering,DBIT

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Student's Academic Achievements

Toppers (SEM 4)

SEM 4		TOPPERS LIST	
USN	Name	Total	%
1DB22EC099	MYTHRIG	837	93
1DB22EC035	CHANDANA S	818	90.89
1DB22EC177	VEDA V	814	90.44
1DB22EC055	HARSHITHA G	809	89.89
1DB22EC058	HEMANTH K T	805	89.34

Toppers (SEM 6)

SEM 6		TOPPERS LIST	
USN	Name	Total	%
1DB21EC153	SINDHU N S	746	93.25
1DB21EC143	SHARVYA K	738	92.25
1DB21EC149	SIHI C H	724	90.5
1DB21EC060	LOKESHWARI	723	90.38
1DB21EC102	POORVIKA P	719	89.88

Toppers (SEM 8)

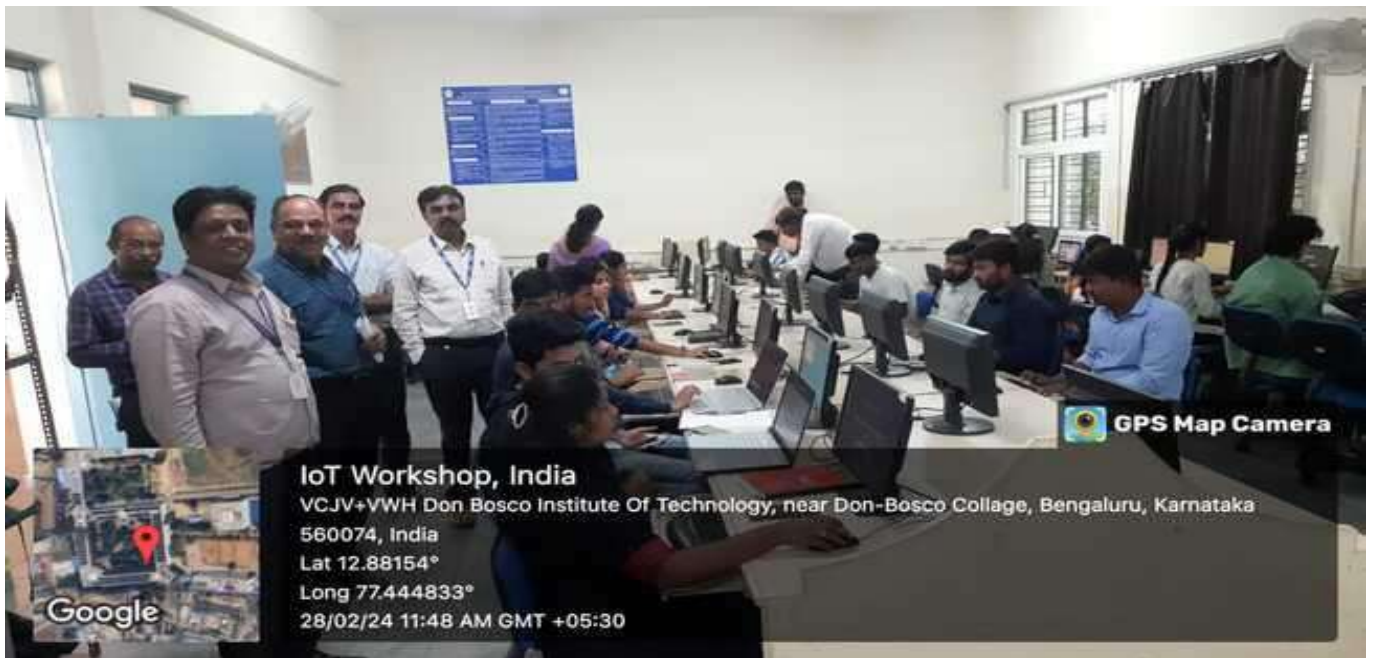
TOPPERS LIST			
USN	Name	Total	%
1DB20EC048	MAHESH K	466	93.2
1DB20EC082	SOUNDARYA V	463	92.6
1DB20EC101	ZAIBA KHANNUM	462	92.4
1DB20EC041	KIRANMAYIM	458	91.6
1DB20EC044	LALITHASHREE K	454	90.8

Students Achievements



Kishore S bagged Gold in National Level World Skill Competition

Events organised



Events organised



Events organised



Industrial Visits and Interactions

- **Hindustan Aeronautics Limited – HAL, Bangalore**
- **Indian Space Research Organization – ISRO, Bangalore**
- **Bharat Heavy Electricals Limited - BHEL, Bangalore**
- **National Aerospace Laboratories – NAL, Bangalore**
- **Bharat Earth Movers Limited – BEML, Bangalore**
- **Bosch, Bangalore**
- **Indian Institute of Science – IISc, Bangalore**
- **Defence Research and Development Organization – DRDO, Bangalore**
- **Bharat Electronics Limited - BEL, Bangalore**
- **Centum, Bangalore**
- **TVS, Bangalore**
- **Airport Authority of India – AAI, Bangalore**



Industrial Visits and Interactions



Certifications

(NPTEL)

SL NO	NAME	TITLE
1	CHAITRA S	Computer Networks and Internet Protocol
2	SWETHA K	Computer Networks and Internet Protocol
3	SWETHA B V	Computer Networks and Internet Protocol
4	SOUJANYA A P	Computer Networks and Internet Protocol
5	R INI	Design and Analysis of VLSI Subsystems
6	SWETHA B V	Education for Sustainable Development
7	SWETHA B V	Effective Engineering Teaching In Practice
8	TEJASWINI M L	Effective Engineering Teaching In Practice
9	NANDINI A S	Introduction to Internet of Things
10	SWETHA B V	Introduction to Professional Scientific Communication
11	SHRUTHI G	NBA Accreditation and Teaching-Learning in Engineering (NATE)
12	BABITHA S	Digital Design With Verilog
13	GOURAMMA HIREMATH	Digital Design With Verilog
14	TEJASWINI M L	Education for Sustainable Development
15	SHRUTHI G	Teaching And Learning in Engineering (TALE)
16	RASHMI K T	NBA Accreditation and Teaching-Learning in Engineering (NATE)

Publications

Title of the book: **Mobile Communication**
Publication in SIPH(Scientific International Publishing House)
1st author : Dr. Murali Malijeddi
2nd author : **Mrs. Soujanya A P**
3rd author: **Mrs. Chaitra S**
Year of text book publication : **2024**
ISBN NO: **978-93-6132-551-9**

Tejaswini M.L,
Assistant Professor.

Recognized and honoured from SWAYAM- NPTEL as a NPTEL STAR in the period July 2024

- Received SWAYAM- NPTEL Domain certification in the Faculty Domain-Advanced in the period April 2024.
- Received KSCST Fund for project proposal -Sanction of Student Project - 47th Series Student Project Programme for the Academic year 2023-24
- Reviewer of Journal of Materials Science Research and Reviews on March 2024
- Secured Elite Silver NPTEL Certification for the course “Effective engineering teaching in practice” in Jan –Feb 2024.
- Secured Elite Gold NPTEL Certification for the course “Education for Sustainable development” in Jan –Apr 202

Guest Lectures

Sl.No	Title	Conduct ed Date	Type	Resource person details	Coordinators
1.	Sensor Proliferation: Driving Innovation and Transforming Lives across the Globe	19-1-2024	Technic al Seminar	Dr. R Muralishankar, Professor, Dept. of ECE, School of Engineering and Technology, CMR University, Bengaluru	Mrs. Nandini A S Mrs. Chaitra S
2.	Semiconductor Nation building ESDM Nation	17-4-2024	Guest Lecture	Mr. M S Jayachandra Aradya, Chief Technical Officer, Elfonze Technologies, Bengaluru	Mrs. Nandini A S Mrs. Chaitra S
3	Career Opportunities for Engineering Students after Graduation	26-6-2024	Technic al Seminar	Mr. Ananth Acharya, Chief Mentor, Career Launcher, Bengaluru	Mrs. Nandini A S Mrs. Chaitra S



Sports



Sports



Creative Corners (Poetry)

Poem Echoes of hope

In the verge of reclaiming faded memories,
She lost the spark that drove her at her soul's cost.
With a shine in her soul and storm in life,
Confronting fear's dark art,

She found herself hanging on a string of hope,
Moving beyond the roaring ache.
Silenced by her thoughts, she searched for escape,
Discovering a glimmer of light.

She walks toward the shore,
With her inner voice screaming in sorrow,
As horror echoes haunt,
She waves, vanishing in the sun's warm embrace
Just to regrow like a new sprout.

Sindhu G Hegde
5th sem, 'C'

Creative Corners (Poetry)

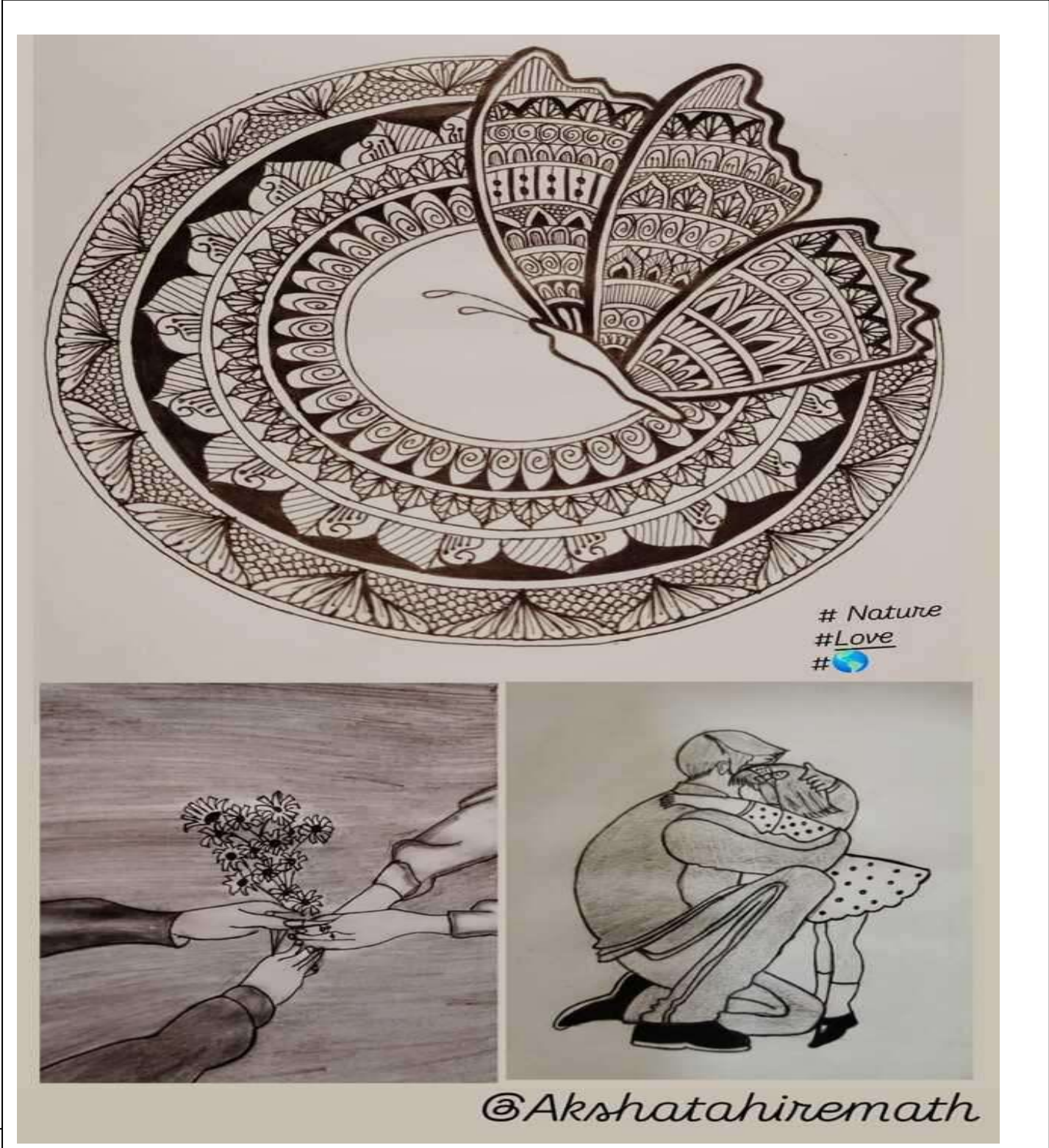
Silent Agony

I've been banished from my heart
Feelings dwelling in the past
My soul's been trapped in the dark
Turned to ashes without a spark
Away from the lights of my desires
Tearful secrets of griefs been transpired
strangled by thoughts Suffocating to
death ,
Only been kept live
Just to be tortured till my last breath!

Promises once golden, now they lie broken,
In the silence of betrayal, words unspoken,
Trust shattered, left in shards on the floor,
A heart once open, now closed evermore.
Deceived by love, by a friend turned foe,
In this barren wasteland, no seeds can
grow,
The pain of treachery cuts so deep,
In this endless night, no peace, no sleep.

- Shruthi !

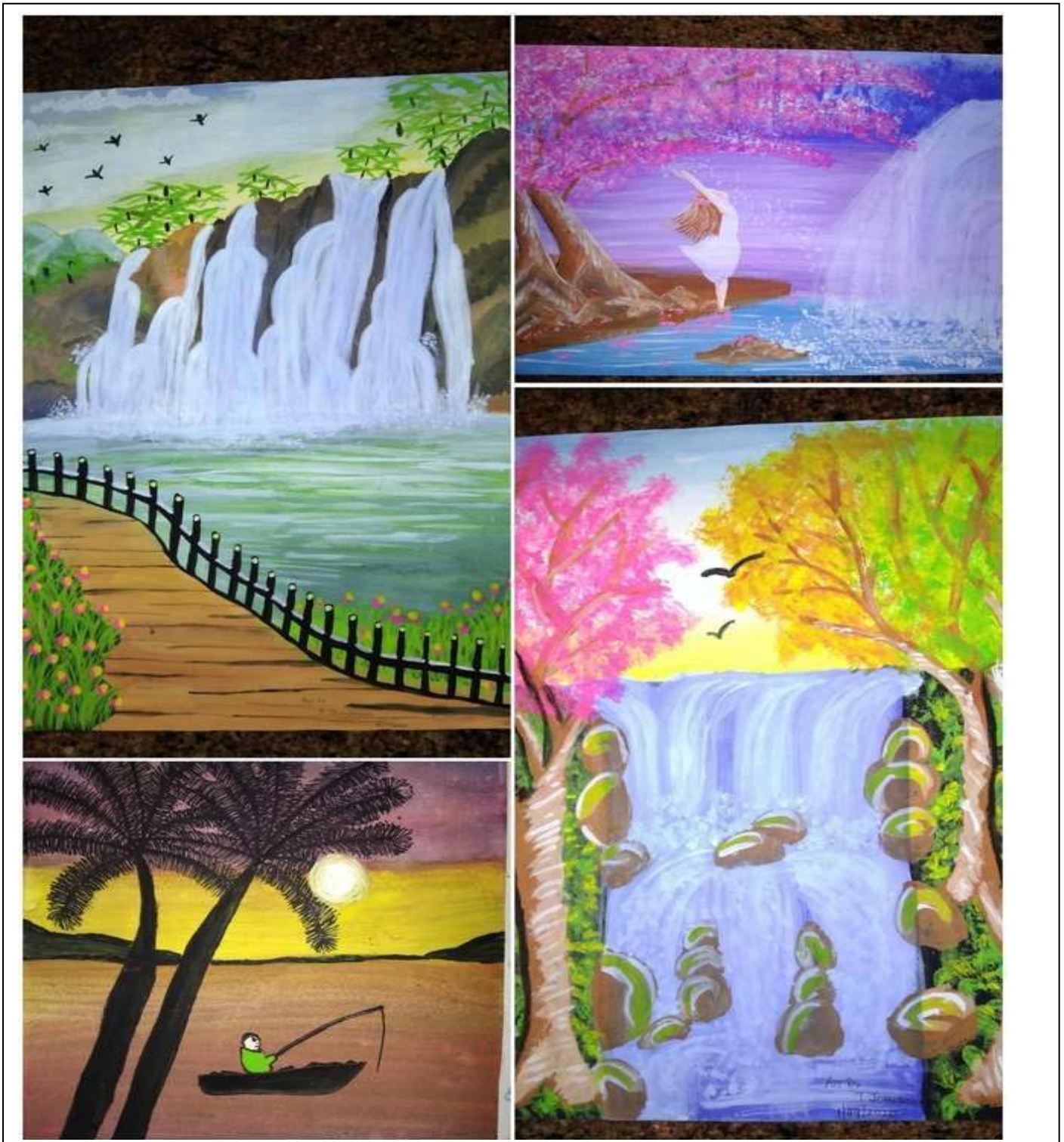
Akshata Hiremath Sketches (7th Sem A)



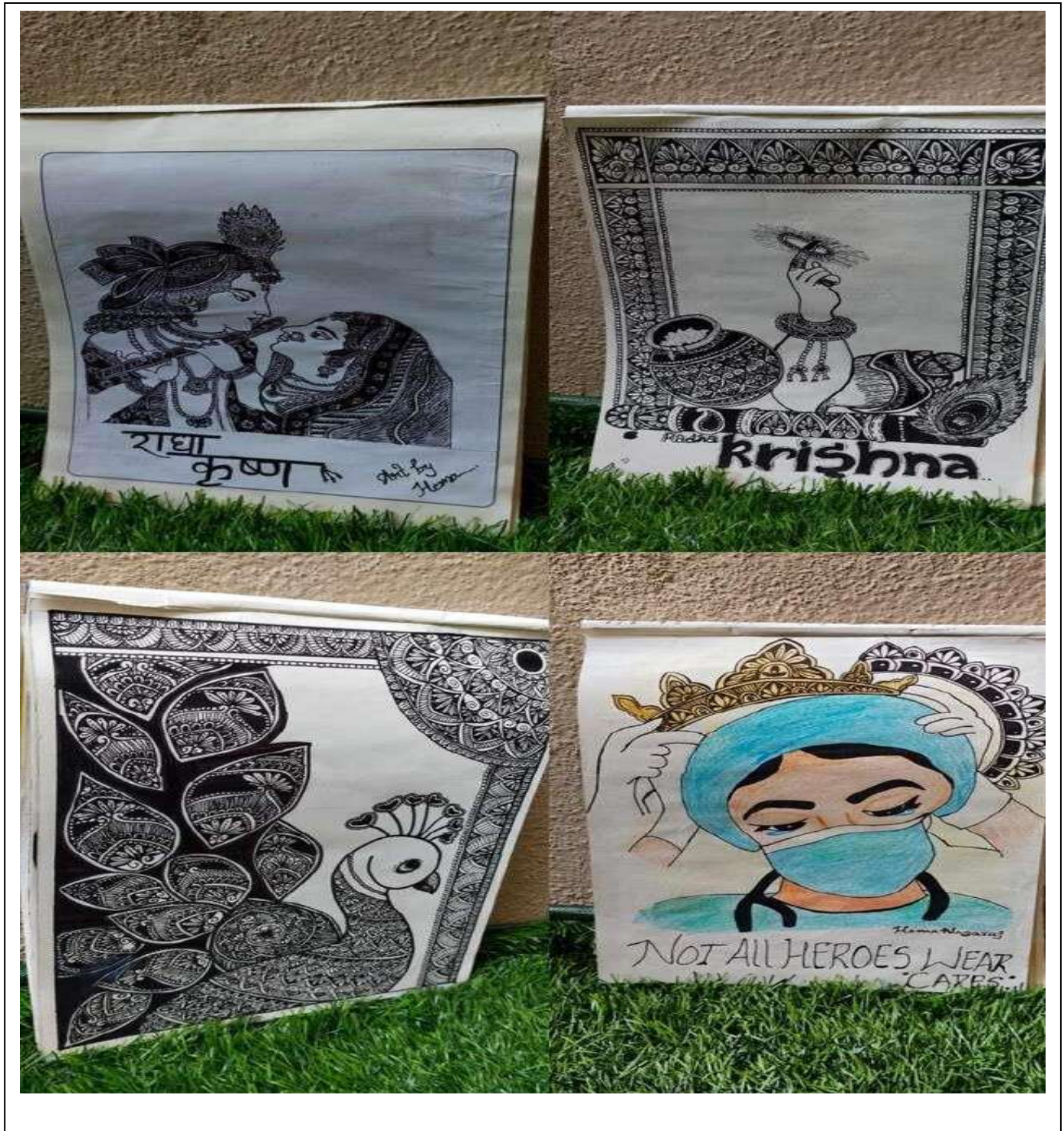
Kavya.v Sketches (5th Sem B)



Jayalaxmi Paintings (5th Sem B)



Hemavathi Nagraj Sketches ...



Unnati.D Sketches (3rd Sem A)



Kirthi C.S Sketches (3rd Sem B)



Acrylic Paintings...



Shruti Gouda Photography (7th Sem C)



Adarsh Awari Photography (5th Sem A)

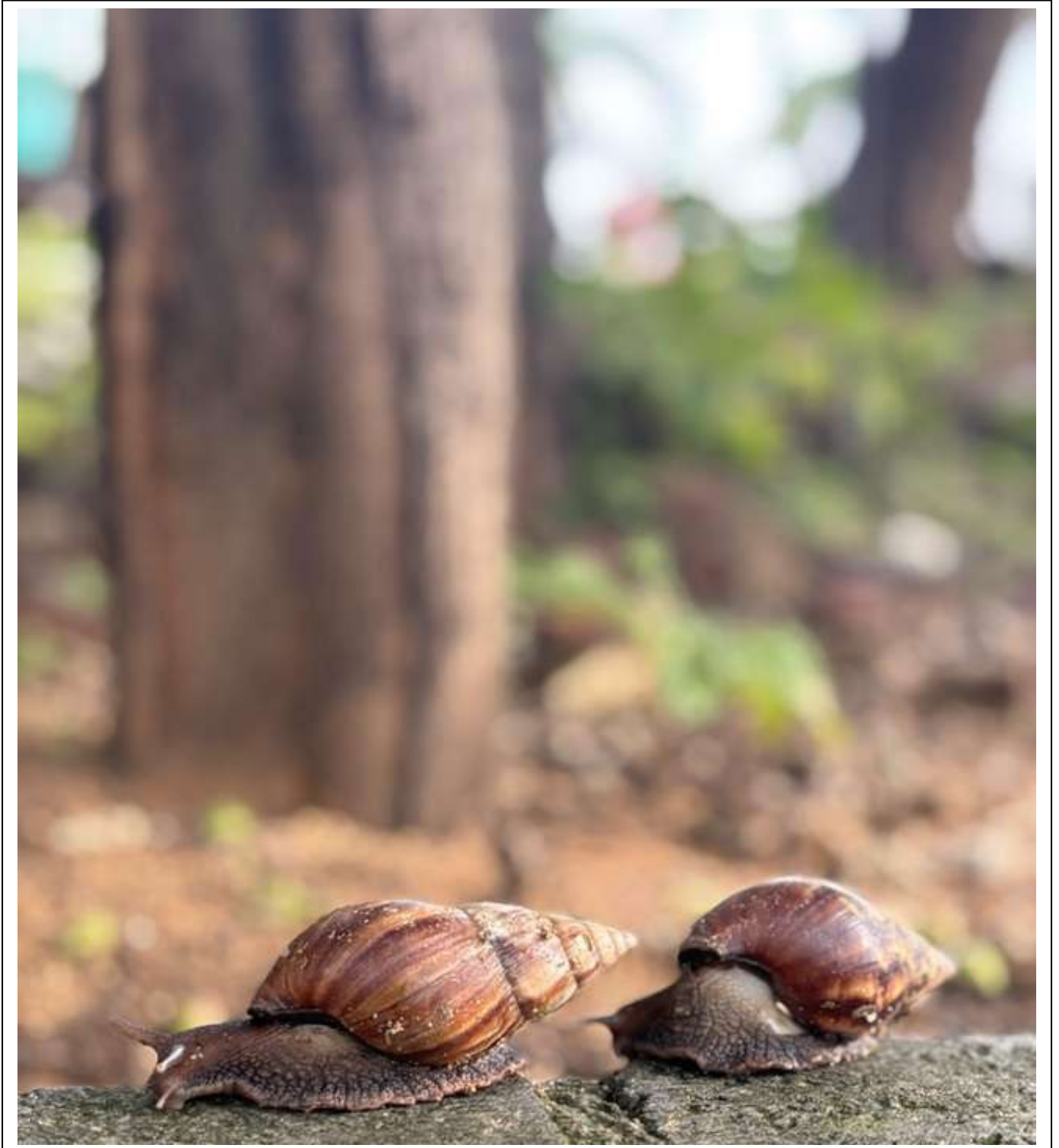


Vishal Shahbadi Page (5th SemC)





Priyanka Gouda Photography (3rd A)



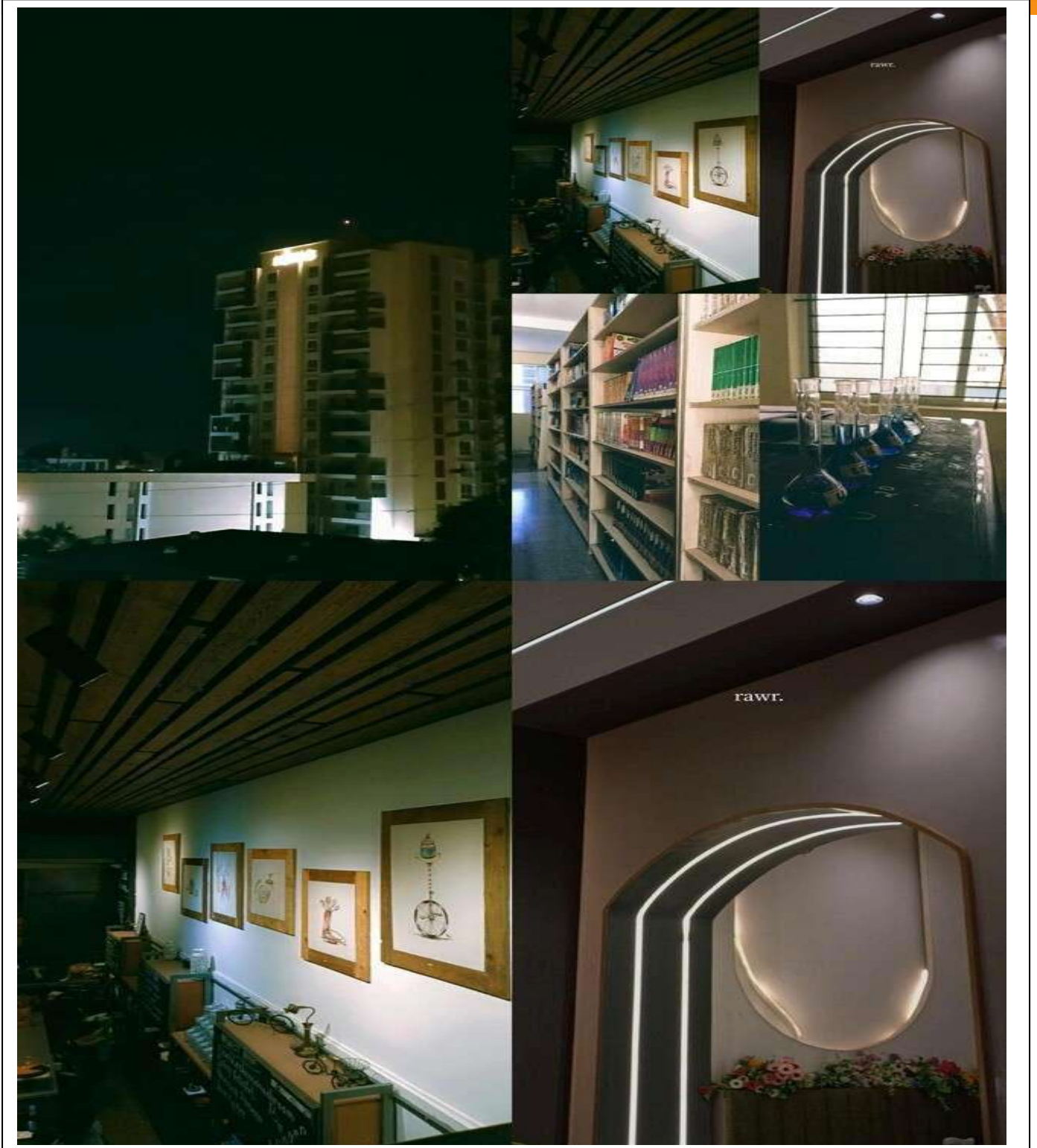
Sumaira Nishat Photography (3rd Sem A)



Kaushal Rao Photography (3rd Sem A)



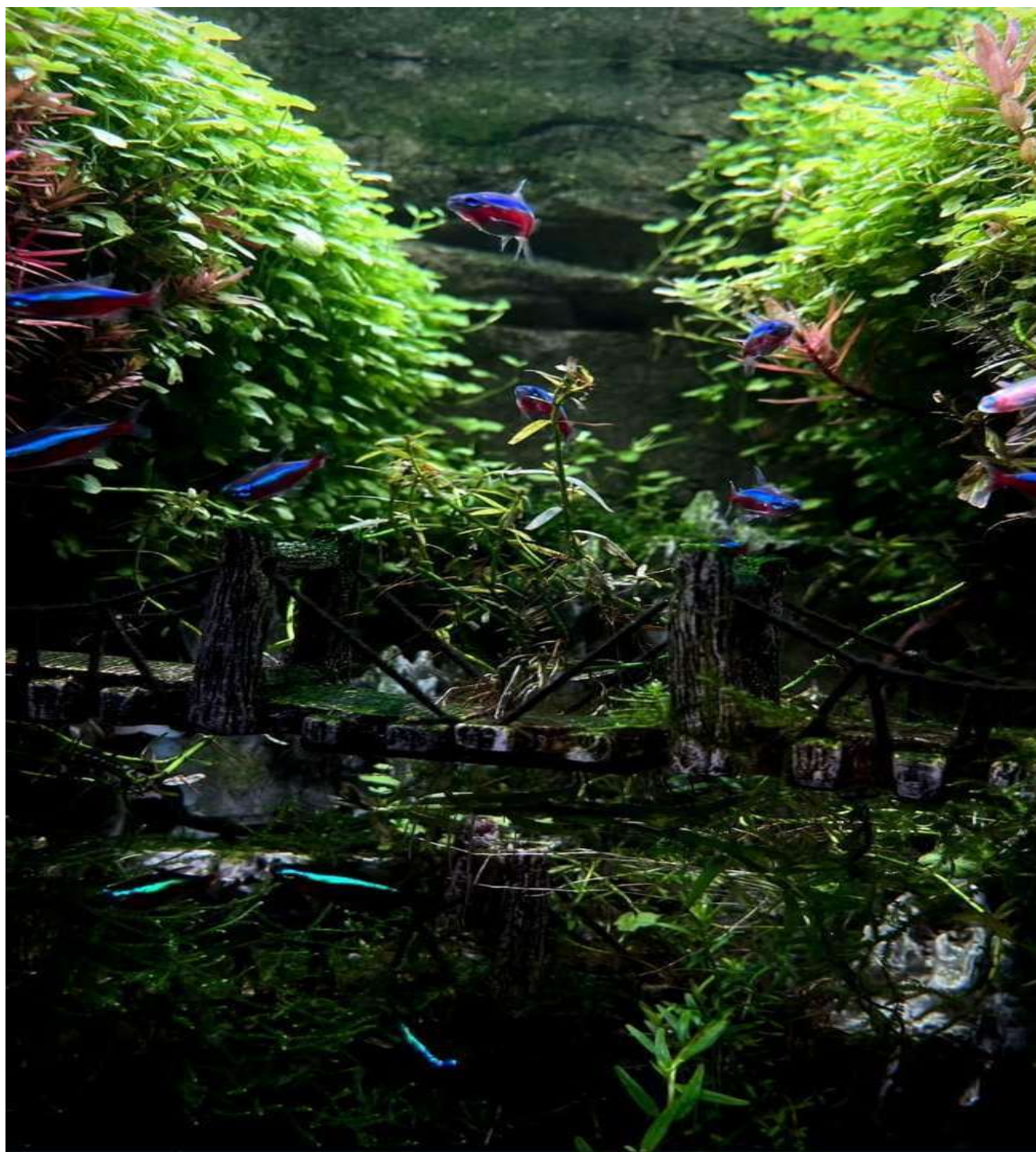
K Shreya Photography (3rd Sem B)



Akshay Photography (3rd Sem C)



Thanushree Photography (3rd Sem B)



Akshata Machapanvar page (3rd Sem A)

