



राष्ट्रीय प्रौद्योगिकी संस्थान मेघालय  
NATIONAL INSTITUTE OF TECHNOLOGY MEGHALAYA

शिक्षा मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान  
An Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India

Prof. Harish Chandra Das  
Dean (Student's Welfare)

Mobile: +91-9485185964  
E-Mail: deansw@nitm.ac.in

Ref.No: NITMGH/SW/Club /2022-23/35


Date: 22.03.2023

**Notification**

This is for the information to all concerned that the following Faculty members and Students are formed under the three club:

Sl. No	Name of theClub	Name	Designation
1	Astronomy Club	Dr. A.C. Nayak, PH Dept	Coordinator
2		Palak Gupta (B20EC029)	Convenor
3		Pardhu (B20CS020)	Convenor
4	Design Club	Dr. B.K.Sarkar, ME Dept	Coordinator
5		Arohi Kashyap (B19ME028)	Founding Members
6		Vikrant Singh (B19CS031)	Founding Members
7		Ritik Lote (B19ME026)	Founding Members
8		Yash Bagoria (B19EE027)	Founding Members
9		Arohi Kashyap (B19ME028)	Convenor
10		Vikrant Singh (B19CS031)	Convenor
11		Shubham Ray (B20EE001)	Convenor
12		Ritik Lote (B19ME026)	Core Members
13		Yash Bagoria (B19EE027)	Core Members
14	Task Force Club	Dr. R.S.Das, ME Dept	Coordinator
15		Ram Singh (B19CS014)	Convenor
16		T. Swaroop Kumar (B21CE019)	Convenor

This is issued with the approval of the Director.

  
Dean SW

Encl: Function and Objectives of the above club.

E-copy to:

1. Director's Office for kind information to the Director.
2. Registrar's office for kind information.
3. President SAC for kind information.
4. All VPs of Student Activity Centre for kind information
5. All Faculty members and Staffs for kind information.
6. Head, CC with a request to upload the same in the Student E-Notice.

# **NIT MEGHALAYA**



## **ASTRONOMY CLUB**

**Under**

## **Student Activity Center**

**Introduction:**

Voyaging on a mystical yet daring journey of what people call life, one asks around a conventional question - what are the stars? Who has not felt a sense of awe while looking deep into the sky, lit with countless stars on a clear night? Who has not asked themselves if ours is the only planet that supports life? We introduce Antariksh - The Astronomy Club of NIT Meghalaya in an effort to comprehend the cosmos and discover what is out in space. The club will allow students to interact with the outside world, get in tune with the current research areas and most up-to-date findings, and promote carries in Science and Astronomy.

**Aim and objective:**

The club's primary objective is to install scientific curiosity in students and inspire them to pursue Astronomy. This club intends to educate students about astronomy in a straightforward and participatory manner so they may comprehend the fundamental ideas of astronomy, astrophysics, and cosmology. Through the exercises, observations, and concepts of astronomical phenomena, students will practice the methods of data analysis and scientific reasoning, thereby increasing their interest in STEM fields. Many people have seen pictures of the other planets in our Solar System from spacecraft but are unaware that they can also observe these things with a telescope. We want everyone to have access to telescopes so they can observe the splendour of the cosmos.

**Activities:**

Astronomy club NITM brings forth:

1. AOS(Astronomy observation session) :

Night observing sessions can be held at the Campus Observatory/rooftop. We will be able to view eclipses, the most intriguing astronomical phenomenon. We can observe the super moon, Orion nebula, Pleiades star cluster, Sirius (the brightest star in the night sky), and other celestial objects. Not only can we observe celestial objects through our telescopes, but we can also conduct an introductory session on how to use telescopes, in which we describe the various types of telescopes, the mounting of telescopes, the operation of a telescope, and most importantly, how to observe various celestial objects through it.

2. Astrophotography:

Astrophotography is the photography or imaging of astronomical objects, celestial events, or areas of the night sky. A camera is attached to the telescope, and pictures of astronomical objects are captured, exposing students to the use of different features of a telescope and parameters such as the celestial object's position at a particular time.

3. Astro Expo(Astronomy presentation session):

Students can conduct presentation sessions on various topics in the Astronomy field. This session will discuss fundamental theoretical principles. In addition to presenting posters and presentations on astronomy-related themes, students may also create and display posters and deliver talks.

4. Spacecraft design:

Designing a 3D model of Rocket, spacecraft, and their components in fusion 360/Catia/Solidworks. This activity will introduce students to the fundamentals of Aerospace Engineering and 3D modeling, and computer vision applications.

**Plans:****Tech Fest events:**1. **Webinars:**

We can host webinars with astronomy professionals from reputable institutions such as ISRO, DRDO, IUCAA, etc.

2. **Astronomy and space quiz:**

A single round quiz which will be based on the basic Astronomy. There will be 30 Multiple Choice Questions and participants are allotted 20 minutes to answer the questions.

3. **3d Astro design:**

An Online designing event where the participants will be asked to design a 2D/3D model of an rocket/space craft/celestial objects.

4. **SFS(Space flight Simulator):**

Spaceflight Simulator is a educational game in which we will get to engineer our rockets, plan launches and flights, attempt landings, deploy payloads and explore new worlds.

# NIT MEGHALAYA



## DESIGNING CLUB

Under

## Student Activity Center

# **TABLE OF CONTENTS**

- ☐ INTRODUCTION
- ☐ ROLE & OBJECTIVES
- ☐ NEED
- ☐ SKILLS
- ☐ WHO CAN BE THE MEMBERS
- ☐ SERVICES PROVIDED BY THE CLUB
- ☐ PLANNED ACTIVITIES
- ☐ FUNDING

# INTRODUCTION

Design is about progress. It is the conceptualization and creation of new things: ideas, interactions, information, and objects.

Designers imagine and compose. They research and think. Skilled in one or more specialties of the discipline, use their abilities in collaboration with others. They make ideas tangible to make a difference.

Design tools and processes generate innovative ideas to improve the organization's growth.



## **ROLE & OBJECTIVES**

- ☐ To help students gain design skills that will be helpful in the industry.
- ☐ To make the content (posts, banners, brochure, etc.) be more appealing and conveys the message properly.
- ☐ To encourage students to participate in the club, as it was not official previously.
- ☐ To create a club that takes charge of all the designing-related tasks of the institute.
- ☐ To provide students with instructions, educational materials, and opportunities that will give them the skills and experience in design services.
- ☐ To encourage students to express themselves through design.
- ☐ To gain the ability to interact and share the experiences and skills of other people by means of visits by speakers to the club.
- ☐ To instigate the inherent talent in students on the side of creativity.
- ☐ To make the students realize the importance and beauty of art/designing.
- ☐ To actively participate in the creation of all the design-related documents during the institute's Technical and Cultural fests.

## **NEED**

- ☐ The designing-related data will be preserved for years and this data will be helpful for getting references and improving the design services further.
- ☐ The quality of designs will improve tenfold.
- ☐ It will help students gain design skills, which will be helpful in the industry.
- ☐ It will ensure the timely completion of designs.
- ☐ The making of the club will encourage many students to participate in the club, as previously they didn't as it was not official.
- ☐ The designing team that is required during the making of the annual report by the institute, all of this work will be fulfilled.

# SKILLS

The students who will be joining the club will gain the following skills:

☐ **Interpersonal and communication skills :**

Working as a designer, one has to communicate a lot. As it is necessary to understand what a person wants from you and also you should also be able to express your thoughts to the client.

☐ **Critical Thinking :**

The process of analyzing, conceptualizing, observing, reading between lines, and evaluating information is better known as critical thinking. Designers must gather essential and significant information and put this data into use in a purposeful and relevant way.

☐ **Ability to Work Well with a Team.**

☐ **Softwares :**



- a. Adobe Photoshop
- b. Adobe Illustrator
- c. Adobe XD
- d. Adobe Premiere Pro/After Effects
- e. Figma/Canva

☐ **All the fundamentals related to Designs like wireframing, prototyping, etc.**

## **WHO CAN BE MEMBERS**

- ☐ Anyone who is interested and willing to learn the way of graphic design can participate in the club activities.
- ☐ The workshops will be held often from where the interested students can learn the skills required for designing.
- ☐ The members who will be selected for making the designs will be based on their performance and their interests.

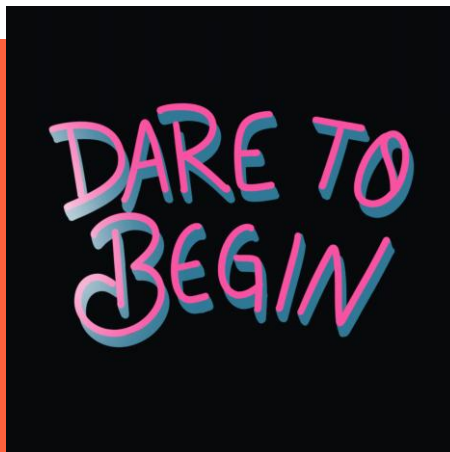
## **POSITIONS OF RESPONSIBILITY**

- ☐ Members will be selected starting from 2<sup>nd</sup> year.
- ☐ 4<sup>th</sup>-year members will be head and will be responsible for timely and proper designs, will be helping in the creation of designs, and also will be guiding the coordinators.
- ☐ 3<sup>rd</sup> & 2<sup>nd</sup>-year members will be coordinators who will be creating the designs and helping in the conduction of workshops.

## **SERVICES PROVIDED BY THE CLUB**

- ☐ Advertising
- ☐ Brochure Designs
- ☐ Digital Brand Management
- ☐ Print & Publishing
- ☐ Event Branding
- ☐ Logo & Branding
- ☐ Web Design Services
- ☐ Print Design Services
- ☐ Graphic Design Services
- ☐ Product & Merchandise Design Services
- ☐ Art & Illustration
- ☐ Animation & Video Editing

## EXAMPLES



## **PLANNED ACTIVITIES**

- ☐ Regular Workshops
- ☐ Poster Competitions
- ☐ Digital Art Competitions
- ☐ Branding Competitions
- ☐ more events will be added.....

## **FUNDINGS**

Funds will be required during workshops and while conducting competitions.

- ☐ Refreshments for the members and participants.
- ☐ While conducting the competitions prize money will be required.
- ☐ Merchandise for club members.
- ☐ Printing of brochures from the club side to encourage participation.

# **NIT MEGHALAYA**



**Task Force CLUB**  
**Under**  
**Student Activity Center**



## **ABOUT THE CLUB**

We have many clubs in NITM which are very profoundly for the student in his physical growth like dance & drama, Coding, Literary. Etc but keeping the present, past, future psychological state of the student in mind there is no club. In simple words there is no club for the wellbeing of the student.

We the students in TASK FORCE of NITM take the initiative to help our fellow mates, seniors, juniors not only in their psychological state but also create a channel to nurture their inner spirit which is hidden because of many factors.

## **SCOPE OF THE CLUB**

We the students of TASK FORCE love to extend our academic boundaries to help our fellow mates psychologically by mentoring them in their academic challenges and not only mentoring but also educating all in unique and fun ways.

## **STRUCTURE OF THE CLUB**

TASK FORCE is a cluster of teams.

- PRISM
- PARADOSI
- LA RED

## **OBJECTIVE**

### **PRISM (Program Initiative for Student Mentorship)**

Mentoring for a student weighs a lot in his\her psychological and academic career of a student. Mentoring is not only for the freshers but every student needs it because of his new challenges daily

- Barrier breakage for freshers
- All about departments and more for 2nd years
- Vast knowledge about internships and more for 3rd years
- from the knowledge of alumni for final years

### **PARADOSI**

The News of the Week.

- Spreading the updates of the week.
- Educating students with the article of the week.
- Insights about the ongoing world Tech. developments, research etc.
- Director's pen.
- Word of the faculty.

**LA RED**

The Connections and more...

- Building relations between other Institutes and Universities.
- Knowing the ongoing Issues.
- Connecting to people.

**ROLE AND RESPONSIBILITY****BENEFITS**

- TASK FORCE mainly focuses on the wellbeing of the students.
- Complete student Initiative.
- Completely low budget.
- Will be bonus to discuss about the club in NIT Conclave.