

## Foreword from the President:

Delta Force is a close-knit community of computer enthusiasts who enjoy coding and developing impactful software.

Despite the ongoing COVID-19 pandemic, the inductions were organized methodically and proved valuable for the freshers who applied.

The thirst for exploring niche technologies and working on groundbreaking projects spanning various domains like Development, Machine Learning, and Blockchain seemed on an ever-increasing trend.

Delta continues to be a club that comprises the most brilliant minds, who excel in whatever they choose through sheer passion and perseverance. I wish the next core the best of luck and hope to see them create a bigger difference in the upcoming academic year.

## Initiatives/Projects taken up this year:

**Research Portal** ([Link](#)) ([Image](#)), a website to look at existing research projects and labs that are present in the college was successfully launched and is used by faculty members, research scholars, and students.

**Dashboard** ([Link](#)) ([Image](#)), an all-in-one portal consisting of various student activities like mess registration portal, Bills Portal for uploading bills for club expenses was launched successfully.

**Scholarship Portal** ([Link](#)) ([Image](#)) was successfully launched and was used by students and the council extensively for applying and awarding scholarships to students.

NITT site was revamped from scratch to give a better user experience. It is yet to be released by Admin.

## Events conducted and related info:

- Conducted **Attack on Robots** event as part of Pragyan'22 under Manigma cluster which received participation of over 150+ participants.
- Conducted **Beer Factory** event as part of Pragyan'22 under Manigma cluster which received participation of over 200+ participants.
- Conducted **Code Character** event as part of Pragyan'22 under the Bytehoc cluster which received participation of over 200+ participants.
- Conducted **Dalal Street** event as part of Pragyan'22 under Manigma cluster which received participation of over 400+ participants.
- Conducted **Outbreak Origins** event as part of Pragyan'22 under Manigma cluster which received participation of over 100+ participants.
- Conducted **Pragyan Premier League** event as part of Pragyan'22 under Manigma cluster which received participation of over 300+ participants.
- Conducted **Pragyan CTF** event as part of Pragyan'22 under Bytehoc cluster which received participation of over 700+ teams all over the world.
- Collaborated with CSEA in conducting a workshop on Blockchain Technology which received the participation of over 150 students from various colleges.
- Conducted **Labyrinth**, an online cryptic treasure hunt as a part of Pragyan'22 under PHRONESIS cluster which received participation of over 200 participants.

## External Competitions participated and results:

Members of Delta Force actively participated in external competitions organized this year.

- Won 1st and 2nd place in Tri-nit hackathon.
- Participated and secured 1st place in Cryptotrader 2022 conducted by IIT Roorkee.
- Participated and secured 2nd place in NIT Conclave Covalent 22.
- Won 1st place in Conclave Designathon.
- Secured 10th place among 100+ teams in Amrita InCTF.
- Won 1st place in Webcrawler hackathon conducted by Shaastra IITM.
- Won Tezos India Fellowship among 4000+ applications.

## **Campus Development Initiatives:**

3rd Edition of DWoC, an initiative by DeltaForce to support and promote Open Source Contributions among our college students was successfully launched and over 500 students participated and contributed to over 100 projects from a wide range of domains out of which 26 students were selected for the program.

Dauth, an Oauth 2.0 based SSO for NITT students was launched successfully. It replaces the existing webmail based login and redundant registrations used across our portals.

## **Collaborations:**

DWoC collaborated with **Algozenith** and **O'Reilly** to support and promote open-source culture among our college students. They supported us in providing goodies to mentors and students who participated in DWoC.

## **Core Members:**

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## **Faculty Advisor:**

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