

INGRESS HACKATHON 2021

The Computer Science Department of Mar Baselios College of Engineering and Technology organized Ingress, a national event that lasted an entire week, ending with a hackathon on February 13th and 14th.

Ingress was sponsored by various globally reputed companies who helped us on this journey, namely, Devfolio, Figma, Give My Certificate, MBCETAA, repl.it, Portis, egghead.io, Axure RP, Digital Ocean, echoAR, Tezos, Voiceflow, Matic Network(BVI)Ltd. and StreamYard. We also had Jovian AI and Interview Cake on board with us as Educational Partners and ISTE MBCET, ACE MBCET, CSI MBCET Student Chapter, Catalyst Mar Baselios IEDC, FOSS Cell MBCET and Microsoft Learn Student Ambassadors as Community Partners.

Before the hackathon at the end of the week, the precursor events took place from February 8th to February 12th, which consisted of webinars, workshops and talks by eminent people from the tech industry. Every night there were fun activities like a game night, a movie night, Pictionary games and quizzes to coax participants out of their shells and bond with everyone present.

After seeing the havoc and the devastation caused by the pandemic, the theme of the hackathon would not come as a surprise – ‘Build for the New Normal’ - to come up with solutions to problems that have become a part of our everyday life. There were four tracks presented- AR/VR, AI/ML, Blockchain and in case one of these didn't spark interest in a participant, they could opt for the last track- Open Innovation, where there were no restrictions when it comes to technology.

Many eminent speakers were invited for the week. Mr. Ananthan R., a Research Engineer at Kerala Blockchain Academy, took a hands-on workshop on ‘Blockchain using Ethereum’. Mr. Mohammed Shine, a Security Engineer at UST, took a webinar on how to get started with a bug bounty. A Github Campus Expert, Mr. Athul Cyriac Ajay's session was to help the attendees learn the ropes of Github, to use it for Ingress. Mr. Rahul Sunil, Core Coordinator of Ingress, took a lively session to build and deploy your first website. Mr. Prashanth Reddy, the founder of StudyOwl, took a session on chatbots and the resources needed to make one. Mr. Gautham Krishna, a Blockchain Developer at Accubits Technologies Inc., spoke about his experience with blockchain and why he pursued it. Mr. Rahul Maheshwari, Engineer at Google and the founder of Linux Socials, spoke about the job prospects of data structures and how to get employed at tech giant companies. Mr. Abhiram A., the co-founder of Odyn Reality, gave an introductory session on ‘Augmented Reality with Unity’ and elucidated all the resources needed to get started with this field. Mr. Lazim Aslam,





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CEO and founder of Printartica, took a webinar about 'Turning ideas into Products'. Mr. Alon Grinshpoon, CEO and founder of echoAR, conducted a workshop to build a cloud-connected AR/VR app in 15 minutes or less.

Offering guidance and helping the participants is where the mentors of Ingress came in. Mr. Rigin Oommen, Mr. Vivek M. Jude, Ms. Nayana A., Mr. Tom Joseph and Mr. Arun Krishna were present to clear doubts and put the attendees at ease.

Ingress saw six illustrious individuals on its panel of judges, three of which have already been mentioned above- Mr. Rahul Maheshwari, Mr. Prashanth Reddy and Mr. Abhiram A. They were joined by Mr. Amruth Lal who is an SDE-II at Amazon, Mr. Vikas Viswanathan who is a Sr. Software Engineer at Euro Accident, and the CEO at Codeof duty, Mr. Sanju Mathew.

We were able to host a great nation-level hackathon with around 510+ participants from all around India, from which around 150+ participants were able to submit their incredible projects. These are our Hackathon submissions: [Ingress Hackathon Submissions](#).

The Closing Ceremony of the Ingress Hackathon to felicitate all the participants will be held on February 24. The top 2 teams of the AI/ML track were Unagi for the project [Autism Detection](#) and Alpha Coders using [Alphere](#).

