

2022 AI/ML Challenge

Build-a-thon: AI/ML driven Low Latency Closed Loop Control

Objective: To provide a platform for students and professionals in India to participate in global pre-standards activity and build-a-thon challenge related to AI/ML in 5G

- Proof of concept development, culminating in demos
- Build upon the previous work done by IIT Delhi in the area of focus group machine learning in 5G and extend for solving practical problems in the network and society.
- Collaboratively create knowledge base and publish Indian and EU research in global publications
- Prepare Final technical report, papers and publications.
- A knowledge dissemination summary and technical report would be submitted as technical report to SDOs to be treated as pre-standards input. This can lead to further standard proposals after due study and gap analysis of existing standards.
- Prizes: Study tour to EU for winning team
- The winning will get opportunity to enter the global ITU 2022 Build a thon challenge
- Winning team (with most practical design) will be invited to IITD to test on actual hardware

Timelines for coming 4 months:

- ❑ 20nd July, 2022 - Challenge Registration opens
<https://github.com/vrra/FGAN-Build-a-thon-2022/issues/new/choose>
- ❑ 22nd July, 2022 – Online workshop 1000-1230 hrs: Introduction to challenge
https://us06web.zoom.us/webinar/register/WN_nmKKI7k7RtacgZdVXVNI0w
- ❑ 12th August, 2022 – Challenge Registration closes, followed by shortlisting
- ❑ Periodic workshops for Team sync up
- ❑ November – Results
- ❑ December – Study Visit to EU for winners



How to register for Build-a-thon 2022

Team: Max 4 + 1 (mentor) Note: Mentor to be allotted by IIT Delhi
Register here:
<https://github.com/vrra/FGAN-Build-a-thon-2022/issues/new/choose>
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