To,  
Director General, National Centre for Physics, QAU

**Subject: Application for approval to apply for associate membership of National Centre for Physics,** [**Quaid-i-Azam University, Islamabad**](https://www.qau.edu.pk/)

I am writing to express my interest in applying for the status of associate member at the National Centre for Physics, QAU, Islamabad. I am currently enrolled at the NUST School of Electrical Engineering and Computer Science and my Master’s thesis involves working toward the design of a CMS Phase-2 Tracker module with Dr Awais M. Kamboh from NUST and Dr Stefano Mersi from CERN, Geneva.

The CMS Tracker collaboration is launching the design of a firmware for a readout & control card. This card is a crucial element for Quality Assurance as production of a large batch of detector modules is expected within the coming months. I have already been working on a component of the firmware architecture for the past six months with Dr Stefano. Being granted associate membership of NCP would not only help me network with other researchers working on different modules of the CMS Tracker and create a stream of knowledge transfer between the two institutions, but also give SEECS a chance to showcase its contribution on a wider, national platform.

In this regard, I want to request for your approval to apply for the abovementioned membership. I sincerely hope you will oblige.

Alishba Kanwal,  
Masters student,  
NUST201464049MSEECS61214F  
NUST School of Electrical Engineering and Computer Science,  
Islamabad, Pakistan  
14mseeakanwal@seecs.edu.pk