

Radio Astronomy Centre

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

P.O Box 8, UDHAGAMANDALAM (OOTY) 643 001, TAMILNADU, INDIA

Telephone : (0423)2244880, 2244888, Fax: (0423), 2244900

Email : userid@wm.ncra.tifr.res.in



NCRA • TIFR

RAC/IPT/2019/073

31-05-2019

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that Mr. /Ms. **VISHNU PRIYA J** (B.Sc. Physics) student of Kongunadu Arts and Science College, has participated in the implant training at the Radio Astronomy Centre, (NCRA – TIFR), Udhagamandalam, from 27.05.2019 to 31.05.2019.



D Ravikumar
Scientific Officer -D
Co-ordinator



TATA INSTITUTE OF FUNDAMENTAL RESEARCH

*Autonomous Institution of the Department of Atomic Energy
Government of India, and a Deemed University*

India-based Neutrino Observatory

Inter Institutional Centre for High Energy Physics (IICHEP)

VRS Complex, Vadapalanchi Main Road, Madurai - 625021

June 13, 2019

To whomsoever it may concern

This is to certify that Ms. P.Patma Priam pursuing her second year BSc, Physics at Kongunadu Arts and Science College, Coimbatore has worked as a Intern at the "Inter Institutional Centre for High Energy Physics" (IICHEP), Madurai during the period May 31 st, 2019 to June 13, 2019.

IICHEP is a laboratory of "Tata Institute Of Fundamental Research" (TIFR) where testing of various detectors and electronics is done for the mega science project "India based Neutrino Observatory" (INO) proposed at Theni, Tamilnadu.

Ms.P.Patma Priam has worked along with 3 other students on charged particle detector which has scintillator & PMT (Photo Multiplier Tube) and completed an experiment fixing the operating voltages of PMT counting the number of muons passing through the detector.

During the period of her internship, she has also attended number of expert lectures on neutrino physics, detector technology, electronics instrumentation and so on. Her conduct was found to be good and I wish her success in her future endeavors.

K.C. RAVINDRAN
Scientific Officer
India-based Neutrino Observatory
Inter Institutional Center for High Energy Physics
VRS Complex, Vadapalanchi Main Road,
Palkalai Nagar, MADURAI - 625 021.





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June 13, 2019

To whomsoever it may concern

This is to certify that Ms.Swathitha.C.S pursuing her second year BSc, Physics at Kongunadu Arts and Science College, Coimbatore has worked as a Intern at the "Inter Institutional Centre for High Energy Physics" (IICHEP), Madurai during the period June 3, 2019 to June 13, 2019.

IICHEP is a laboratory of "Tata Institute Of Fundamental Research" (TIFR) where testing of various detectors and electronics is done for the mega science project "India based Neutrino Observatory" (INO) proposed at Theni, Tamilnadu.

Ms.Swathitha.C.S has worked along with 3 other students on charged particle detector which has scintillator & PMT (Photo Multiplier Tube) and completed an experiment fixing the operating voltages of PMT counting the number of muons passing through the detector.

During the period of her internship, she has also attended number of expert lectures on neutrino physics, detector technology, electronics instrumentation and so on. Her conduct was found to be good and I wish her success in her future endeavors.

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RAC/IPT/2019/075

31-05-2019

TO WHOMSOEVER THIS MAY CONCERN

This is to certify that Mr. /Ms. **HARINI R** (B.Sc. Physics) student of Kongunadu Arts and Science College, has participated in the implant training at the Radio Astronomy Centre, (NCRA – TIFR), Udhagamandalam, from 27.05.2019 to 31.05.2019.



D Ravikumar
Scientific Officer -D
Co-ordinator