

DEPARTMENT OF PHYSICS
ASSAM UNIVERSITY SILCHAR

The following students have completed their M.Sc Thesis Dissertation (PHY405A) in September 2020 under a supervisor as a part of PG course in Physics.

Sl. No.	Name of the student	Registration	Roll No.	Topic	Dissertation Supervisor
1	TAPASH PAUL	04-150075967 of 2015-2016	042018, No. 2013900002	Comparison of first four terms in schwarzschild line element in both null geodesic and material medium	Prof. Asoke Kumar Sen
2	HRISHA PAUL	02-140053969 of 2014-2015	031918, No. 2013900003	Arrow of time in cosmology	Prof. Atri Deshamukhya
3	KALLOL ROY	02-150076730 of 2015-2016	042018, No. 2013900004	A study on the polarisation vectors of different star forming clouds	Prof. Asoke Kumar Sen
4	SOURAV CHOUDHURY	04-130044037 of 2013-2014	042018, No. 2013900007	Study of exoplanets : a review	Dr. Himadri Sekhar Das
5	SUBHASISH SAHA	02-150076771 of 2015-2016	042018, No. 2013900009	Study of polarization properties of some asteroids	Dr. Himadri Sekhar Das
6	ABDUL MUJIB LASKAR	03- 130042240 of 2013-2014	042018, No.2013900010	Magnetic Field of Neutron Stars	Prof. Atri Deshamukhya
7	BADAR UDDIN	02-150076707 of 2015-2016	042018, No. 2013900012	Late-time acceleration of the universe: possible explanations	Prof. Atri Deshamukhya
8	ABDULLA AHMED	02-150076693 of 2015-2016	041918, No. 2013900013	Distance estimation of some star forming clouds	Dr. Himadri Sekhar Das

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9	PRAKASHJYOTI NATH	01-140060511 of 2014-2015	042018, No. 2013900015	Wavelet analysis for optical image processing	Prof. Atri Deshamukhya
10	PAPIYA SARKAR	06-160082905 of 2016-2017	042018, No. 2013900024	A review work on the study of ultraluminous X-ray source	Dr. A. Seniorita Devi
11	S. BIKRAM SINGHA	04-140052056 of 2014-2015	042018, No. 2013900026	A detail study of the various emission mechanism in high energy (X-ray) astrophysics and X-ray sources	Dr. A. Seniorita Devi
12	MORIOM BEGUM MAZUMDER	03-150072194 of 2015-2016	042018, No. 2013900028	Spectral study of X-ray binaries: a review work	Dr. A. Seniorita Devi
13	RITU BANIA	03-150072199 of 2015-2016	042018, No. 2013900031	The near infrared emission band ratios for stars at different black body temperature	Prof. Asoke Kumar Sen
14	OSODEEP SINHA	04-140052000 of 2018-2019	042018, No. 2013900032	A review on "accretion disk theory"	Dr. A. Seniorita Devi
15	MUJAKKIR HUSSAIN	20180016606 of 2018-2019	042018, No. 2013900034	The Study of correlation between polarization maximum and complex refractive indices in an aggregate dust model	Dr. Himadri Sekhar Das
16	SUDIPTA DAS	20180016607 of 2019-2020	031918, No. 2013900041	A study on emission lines of active galactic nucleus	Dr. A. Seniorita Devi
17	DEFENCE SHANGPUNG	20180016612 of 2018-2019	021918, No. 2013900058	Measurement of extinction of stars background to a bok globule CB 4	Dr. Himadri Sekhar Das

Dated: 29-12-2020

B. Andra
HOD, Physics