



National Institute of Technology Srinagar

Department of Physics
M.Sc. Physics (2020) Projects



SAHREENA IMTIYAZ

2020MSPHY001

(8082894884)

Pixel identification in an image using Grover's and Shor's algorithm and their comparison



TARIQ AHMAD LONE

2020MSPHY002

(7889483336)

Thermodynamics of black holes



TANZEELA HASSAN BHAT

2020MSPHY003

(7051473712)

Magnetic metal oxide nanomaterials and their biological applications.



RASHED HUSSAIN LONE

2020MSPHY004

(7006257340)

Quantum computation simulations for future applications



UMMAR HABIB BHAT

2020MSPHY005

(7051519549)

Investigation of low dimensional materials



AADIL HASSAN

2020MSPHY006

(7780963147)

Studies of structural, surface and optical properties of triple layered perovskite oxides



KHUSHBOO IQBAL

2020MSPHY007

(8494075145)

Synthesis and characterization of iron doped titanium dioxide



ADIL MEHRAJ

2020MSPHY008

(7006876257)

Studies of structural, surface and optical properties of double layered perovskite oxides



AASIM RASHID KHANDAY

2020MSPHY009

(6005301631)

Studies of structural, surface and optical properties of single layered perovskite oxides



ARJUMAND AYOUB

2020MSPHY010

(8082626853)

A study on adaptive thermal comfort temperature for Kashmir valley



OWAIS SHAFI

2020MSPHY011

(6006422141)

Development of typical meteorological year for solar thermal applications in Kashmir valley

SHAKIR AHMAD DAR

2020MSPHY012

(9149413484)

To study the structural and optical properties of cadmium oxide thin films



DURAKHSHAN ASHRAF QADRI

2020MSPHY013

(9596057748)

Galaxy Clustering



MUDASIR YASEEN MALIK

2020MSPHY014

(9622774714)

Exfoliation of two-dimensional materials specially Graphene and their applications



ASIF MAQBOOL

2020MSPHY015

(8899346324)

Synthesis and characterization of locust gum-based graft copolymer composites



SAMEER AHMAD LONE

2020MSPHY016

(9682154740)

Development of karaya gum based biodegradable hydrogels



PEERZADA FAIZAN SHAFI

2020MSPHY017

(8492935744)

Fabrication and characterization of gum arabic based hydrogels for wastewater treatment applications



SURBHI RAJPOOT

2020MSPHY018

(7505336759)

Characterization and synthesis of titanium dioxide and its application in waste water treatment.

HARIPRASAD P

2020MSPHY019

(9995054023)

To study the structural and optical properties of cadmium oxide thin films



SHEIKH TAHA RABBANI

2020MSPHY020

(9149746871)

Open Quantum systems



RAJ JAYASUKHABHAI JIVANI

2020MSPHY021

(9687498061)

Nanomaterials through green approaches and their Biological and Agricultural Application



SHUBHAM SHARMA

2020MSPHY022

(6350603967)

Electrodynamics of Black hole