



Midnapore City College

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Kuturiya, Bhadutala, Midnapore, 721129, Paschim Medinipur, West Bengal, India

Details of Thesis Papers

Department: Pure and Applied Sciences Subject: Physics Session:2021-2023

Sl No.	Title	Author	Supervisor
01	Simulation of Various Parameters in Blackhole Accretion Disk	Pranay Kr. Bhukta, Soumik Kr. Pati	Dr. Sabyasachi Pal
02	James Webb Space Telescope: A New World in Optical/Infra-red	Baishakhi Kotal Arindam Paria Anup Kumar Jana Debangshu Chakraborty Shouvik Mahapatra Sankha Subhra Mallick	Dr. Sabyasachi Pal
03	Study of High Energy Emission from Blackholes Using INTEGRAL	Amit Banerjee Animesh De Satabdi Behera Subhas Jana	Dr. Sabyasachi Pal
04	Losses in soft magnetic material on AC application	Avinash Bera Souvik Barman Suravi Nayek	Dr. Subhendu Kumar Manna
05	Magnetocaloric Effect Studies in Mn-Si for Skyrmion Phase Detection.	Mustafa Sk Prabal Das Sourav Chattopadhyay Bina Jana Moulika Khamaru Anindita Ghosh	Dr. Subhendu Kumar Manna
06	Cloud Electrification: Finding a New Origin of Lightning	Satadru Girigoswami	Dr. Atanu Das
07	Unveiling the Multiwavelength Properties of Extragalactic Radio Source Population from Large Astronomical Surveys	Souvik Manik	Dr. Sabyasachi Pal
08	Study of High-Frequency Resonant Circuit for Tesla Coil.	Debojyoti Dutta Bappa Manna	Dr. Atanu Das
09	Spectral Study of Black Holes and Pulsars Using Chandra	Pradip Kumar Jana Aparna Barik Shubhankar Adak Soumyadeep Chowdhury	Dr. Sabyasachi Pal
10	Statistical Properties of Radio Source	Sayan Saha Pallab Dutta Nandan Chatterjee Nandita Maity Reshmina Khatun	Dr. Sabyasachi Pal

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11	Magneto Impedance Studies for Magnetic Field Sensor Applications	Avik Pan Deeptayan Mishra Purbayan Midya Subhabrata Das Sampad Mishra Sourav Chakraborty	Dr. Subhendu Kumar Manna
12	Low Power Plasma Flame Generation in Ambient Air Using Radio Frequency Oscillator Circuit	Utpal Das Rabisankar Paul	Dr. Saptarshi De
13	Search for Transient Sources Using GMRT Galactic Plane Survey	Nibedita Mondal Dipanjan Banerjee	Dr. Sabyasachi Pal
14	Study of Supernova Remnants Using CHANDRA	Sayani Roy Sharanya Pal Soumyadeep Garai	Dr. Sabyasachi Pal
15	Interparticle Interaction and Soft Magnetic Properties Study in Ni-Fe Permalloy	Arindam Jana Arpan Manna Pranay Mahapatra Subhendu Pramanik Sasanka Sekhar Jana Subhasish Chini	Dr. Subhendu Kumar Manna
16	Study of Charge Generation in Clay Minerals-Aqueous Interface	Bidisha Khutia Prativa Mazumder	Dr. Atanu Das
17	Energy Harvesting from Sweat Evaporation Using Cobalt-Complex Based Super-Hygroscopic Material	Subhadip sau Sagar Ghosh Dona Bose Azizul Haque Subhradeep Sinha	Dr. Atanu Das
18	Study of Energy Harvesting Properties of a Piezoelectrical Material	Rimpa Pal Swaha Santra Utpal Pramanik	Dr. Atanu Das
19	Study of Orbital Properties of Few Selected Pulsars	Souvik Banerjee Arnab Munian Subha Manna Sourav Adhikari Goutam Maity	Dr. Sabyasachi Pal
20	Harvesting Electricity from water evaporation through the microchannel of natural wood	Sumit Bhakta Susovan De Dibyendu Koley	Dr. Atanu Das
21	Study of Atmospheric Aerosol Using INSAT-3D Satellite	Soumik Rakshit Anjan Kumar	Dr. Sabyasachi Pal
22	Study of Supernovae Using SWIFT	Pradip Maity Indranil Maiti	Dr. Sabyasachi Pal
23	Study of Various Ground State Mechanical and Electrical Properties of Metal Oxide Semiconductors using Quantum Mechanical Simulation	Kallol Das	Dr. Saptarshi De

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Signature of Subject Co-ordinator

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