



SRIKRISHNA COLLEGE

Estd. - 1950

Government Sponsored General Degree College

Affiliated to University of Kalyani

Accredited by NAAC : Grade B+ (3rd Cycle)

Bagula, Nadia, West Bengal, Pin - 741502.

Date: 01.08.2023

CERTIFICATE

It is certified that ~~Mr.~~/Ms. **Aishani Chakraborty**, Roll No. **2116137 2041407** has carried out the project work presented in her dissertation entitled "**Effects of Geomagnetic Storms: A Brief Review**" for the award of Bachelor in Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that she has completed the project work under the supervision of Dr. Sujay Pal of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Sujay Pal

Assistant Professor

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CERTIFICATE

It is certified that Mr./Ms. **Somen Das, Roll No. 2116137 2041484** has carried out the project work presented in his dissertation entitled "**Developing Radio Spectrum Visualizer and Recorder (RaSVR) for Ionospheric Research using Python Programming Language**" for the award of Bachelor in Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Sujay Pal of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

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Date: 01.08.2023

CERTIFICATE

It is certified that Mr./Ms. **Soumyadip Mitra, Roll No. 2116137-2041486** has carried out the project work presented in his dissertation entitled "**Study of Compact Objects in Astrophysics**" for the award of Bachelor of Science (B. Sc.) in Physics honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Sujay Pal of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Sujay Pal

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CERTIFICATE

It is certified that Mr./Ms. **Shibam Roychowdhury, Roll No. 2116137-2041481** has carried out the project work presented in his dissertation entitled "**Application of Nuclear technology in our daily life**" for the award of Bachelor of Science (B. Sc.) in Physics honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Sujay Pal of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Sujay Pal

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CERTIFICATE

It is certified that Mr./Ms. **Subhojit Biswas, Roll No. 2116137-2041491** has carried out the project work presented in his dissertation entitled “**Concept and types of mobile communication**” for the award of Bachelor of Science (B. Sc.) in Physics honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Sujay Pal of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Sujay Pal

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Date: 01.08.2023

CERTIFICATE

It is certified that Mr./Ms. **Tarak Biswas, Roll No. 2116137-2041500** has carried out the project work presented in his dissertation entitled “**Bose Einstein Condensate: Recent Development and their Applications**” for the award of Bachelor of Science (B. Sc.) in Physics honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Sujay Pal of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Sujay Pal

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CERTIFICATE

It is certified that Mr./Ms. **Tridip Biswas, Roll No. 2116137-2041501** has carried out the project work presented in his dissertation entitled **“Modulation techniques in radio signal communication”** for the award of Bachelor of Science (B. Sc.) in Physics honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Sujay Pal of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Sujay Pal

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CERTIFICATE

It is certified that Mr./Ms. **Surojit Das, Roll No. 2116137-2041496** has carried out the project work presented in his dissertation entitled “**X-Ray Diffraction: Key to find structural properties of material**” for the award of Bachelor in Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Ankita Indra of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Ankita Indra

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CERTIFICATE

It is certified that Mr./Ms. **Reiad Mondal, Roll No. 2116137-2041473** has carried out the project work presented in his dissertation entitled "**Piezoelectric effect and its applicational benefits as sensor**" for the award of Bachelor in Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Ankita Indra of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Ankita Indra

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CERTIFICATE

It is certified that Mr./Ms. **Arghya Paul, Roll No. 2116137-2041442** has carried out the project work presented in his dissertation entitled "**Hall-effect Sensor: working principal and applications**" for the award of Bachelor in Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Ankita Indra of this Department. The project has been carried out from 17th February 2023 to 14th July 2023.

Dr. Ankita Indra

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Date: 01.08.2023

CERTIFICATE

It is certified that **Mr. SANTANU SAHA Roll- 2116137-2041478** has carried out the project work presented in his dissertation entitled “**Basic Understanding of Amplitude Modulation and Demodulation**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that she has completed the project work under the supervision of Rakesh Sen of this Department. The project was carried out from 17th February 2023 to 14th July 2023.

Rakesh Sen

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Date: 01.08.2023

CERTIFICATE

It is certified that **Mr. MANIK SADHUKHAN Roll- 2116137-2041464** has carried out the project work presented in his dissertation entitled “**Introduction to The Nanomaterials and Nanotechnology**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that she has completed the project work under the supervision of Rakesh Sen of this Department. The project was carried out from 17th February 2023 to 14th July 2023.

Rakesh Sen

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CERTIFICATE

It is certified that **Mr. ARUP DEY Roll- 2116137-2041445** has carried out the project work presented in his dissertation entitled “**Superconducting Magneto Electric Energy Storage Device**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that she has completed the project work under the supervision of Rakesh Sen of this Department. The project was carried out from 17th February 2023 to 14th July 2023.

Rakesh Sen

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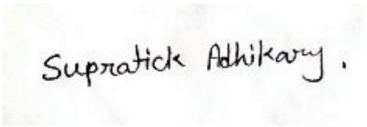
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Date: 01.08.2023

CERTIFICATE

It is certified that Ms. **MOUSUMI MONDAL ROLL- 2116137-2041421** has carried out the project work presented in his dissertation entitled “**Behavior of Sub-Ionospheric VLF radio signals during solar flares at the beginning of 25th Solar cycle**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that she has completed the project work under the supervision of Supratick Adhikary of this Department. The project was carried out from 17th February 2023 to 14th July 2023.



Supratick Adhikary.

Supratick Adhikary
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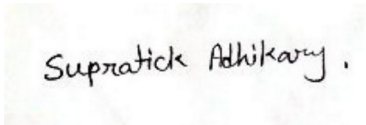
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Date: 01.08.2023

CERTIFICATE

It is certified that Ms. **PINA MONDAL Roll- 2116137-2041423** has carried out the project work presented in his dissertation entitled “**Behavior of Sub-Ionospheric VLF radio signals during solar flares at the beginning of 25th Solar cycle**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that she has completed the project work under the supervision of Supratick Adhikary of this Department. The project was carried out from 17th February 2023 to 14th July 2023.



Supratick Adhikary.

Supratick Adhikary

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CERTIFICATE

It is certified that Ms. **ANAMIKA BISWAS Roll- 2116137-2041409** has carried out the project work presented in his dissertation entitled “**Behavior of Sub-Ionospheric VLF radio signals during solar flares at the beginning of 25th Solar cycle**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that she has completed the project work under the supervision of Supratick Adhikary of this Department. The project was carried out from 17th February 2023 to 14th July 2023.

Supratick Adhikary

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CERTIFICATE

It is certified that Mr./Ms. **ANUMROY MONDAL, Roll No. 2116137-2041441** has carried out the project work presented in his dissertation entitled “**A study on Monte Carlo Integration and Simulation**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Tushar Kanti Bose of this Department. The project was carried out from 17th February 2023 to 14th July 2023.

Dr. Tushar Kanti Bose

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CERTIFICATE

It is certified that Mr./Ms. **BIKI TIKADER**, Roll No. **2116137-2041450** has carried out the project work presented in his dissertation entitled “**A study on Monte Carlo Integration and Simulation**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Tushar Kanti Bose of this Department. The project was carried out from 17th February 2023 to 14th July 2023.

Dr. Tushar Kanti Bose

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CERTIFICATE

It is certified that Mr./Ms. **SUMIT DAS**, Roll No. **2116137-2041494** has carried out the project work presented in his dissertation entitled “**A study on Monte Carlo Integration and Simulation**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that he has completed the project work under the supervision of Dr. Tushar Kanti Bose of this Department. The project was carried out from 17th February 2023 to 14th July 2023.

Dr. Tushar Kanti Bose

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CERTIFICATE

It is certified that Ms. **SUMANA BISWAS**, Roll No. **2116137-2041432** has carried out the project work presented in her dissertation entitled “**A study on Monte Carlo Integration and Simulation**” for the award of Bachelor of Science (B.Sc.) in Physics Honors from the Department of Physics, Srikrishna College, Bagula, Nadia. It is further certified that she has completed the project work under the supervision of Dr. Tushar Kanti Bose of this Department. The project was carried out from 17th February 2023 to 14th July 2023.

Dr. Tushar Kanti Bose

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UNIVERSITY OF KALYANI

CANDIDATE ATTENDANCE SHEET

Examination 6th Semester (H) Practical Examination - 2023

Subject: physics Paper: DSE - 4 Date: 09/08/2023

Examination Centre Srikrishna College, Bagula.

Sera No	Roll No	Signature of Candidate
1.	2116137-2041407	Aishami Chakraborty
2.	2116137-2041409	Anamika Biswas
3.	2116137-2041421	Mousumi Mondal
4.	2116137-2041423	Priya Mondal
5.	2116137-2041432	Sumana Biswas
6.	2116137-2041441	Anurag Mondal
7.	2116137-2041442	Arghya Paul
8.	2116137-2041464	Manik Gadhekhari
9.	2116137-2041473	Reiad Mondal
10.	2116137-2041478	Santanu Saha
11.	2116137-2041484	Jomer Das
12.	2116137-2041486	Soumyadip Mittra
13.	2116137-2041494	Sumit DAS
14.	2116137-2041481	Shibam Raychowdhury
15.	2116137-2041491	Subhjit Biswas
16.	2116137-2041500	Tarak Biswas
17.	2116137-2041501	Trishit Biswas
18.	2116137-2041445	Arup Dey
19.	2116137-2041450	Bikash Tekender
20.	2116137-2041496	Surojit Das

Signature of Invigilators

Date