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## Certificate from the Department

This is to certify that Mr. Premasish Das bearing Roll No. 1806270002 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
2. Basic idea about thin film preparation techniques
3. Instrumentation in Atmospheric Sciences
4. Density Functional Theory and its application to simple material systems

This project work is in partial fulfillment of requirement for obtaining the M. Sc. in Physics from Tripura University in 2020.

Suryamaninagar

15.09.2020

(Prof. D. Bhattacharjee)

(Prof. S. Chattopadhyaya)

(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Nilotpal Neogi bearing Roll No. 1806270003 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



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## Certificate from the Department

This is to certify that Mrs. Ishita Baidya bearing Roll No. 1806270004 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



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## Certificate from the Department

This is to certify that Mr. Mrinal Reang bearing Roll No. 1806270005 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. A. Guha)

(Dr. R. Das)



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## Certificate from the Department

This is to certify that Mr. Ramyajyoti Maji bearing Roll No. 1806270006 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Animesh Shankhanidhi bearing Roll No. 1806270007 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Samaresh Nandi bearing Roll No. 1806270008 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mrs. Patika Tripura bearing Roll No. 1806270009 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)





### Certificate from the Department

This is to certify that Mrs. Shubhra Bhowmik bearing Roll No. 1806270010 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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15.09.2020

A handwritten signature in blue ink, appearing to read "D. Bhattacharjee".

(Prof. D. Bhattacharjee)

A handwritten signature in blue ink, appearing to read "S. Chattopadhyaya".

(Prof. S. Chattopadhyaya)

A handwritten signature in blue ink, appearing to read "Syed Ashad Hussain".

(Dr. S. A. Hussain)

A handwritten signature in blue ink, appearing to read "Anirban Guha".

(Dr. A. Guha)

A handwritten signature in blue ink, appearing to read "Ratan Das".

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mrs. Susmita Saha bearing Roll No. 1806270011 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Prof. S. Chattopadhyaya)

(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mrs. Amrita Debnath bearing Roll No. 1806270012 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Prof. D. Bhattacharjee)

A handwritten signature in blue ink, appearing to read "S. Chattopadhyaya".

(Prof. S. Chattopadhyaya)

A handwritten signature in blue ink, appearing to read "Syed Ashad Hussain".

(Dr. S. A. Hussain)

A handwritten signature in blue ink, appearing to read "Anirban Guha".

(Dr. A. Guha)

A handwritten signature in blue ink, appearing to read "Ratan Das".

(Dr. R. Das)



## Certificate from the Department

This is to certify that Mr. Anirban Mukherjee bearing Roll No. 1806270013 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Prof. S. Chattopadhyaya)

(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



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## Certificate from the Department

This is to certify that Mr. Rahul Deb bearing Roll No. 1806270014 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Tapas Majumder bearing Roll No. 1806270015 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Prof. D. Bhattacharjee)

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(Prof. S. Chattopadhyaya)

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(Dr. S. A. Hussain)

A handwritten signature in blue ink, appearing to read "Anirban Guha".

(Dr. A. Guha)

A handwritten signature in blue ink, appearing to read "Ratan Das".

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mrs. Jagriti Paul bearing Roll No. 1806270016 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



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## Certificate from the Department

This is to certify that Mr. Sourup Das bearing Roll No. 1806270017 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)





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## Certificate from the Department

This is to certify that Mrs. Basumita Ghosh bearing Roll No. 1806270018 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



## Certificate from the Department

This is to certify that Mr. Biswajit Das bearing Roll No. 1806270019 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

1. Characterization techniques and few applications of nanomaterials
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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Indranil Chakraborty bearing Roll No. 1806270020 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. A. Guha)

(Dr. R. Das)



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## Certificate from the Department

This is to certify that Mrs. Prerana Bhattacharyya bearing Roll No. 1806270021 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Ranjit Debnath bearing Roll No. 1806270022 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Prof. D. Bhattacharjee)

A handwritten signature in blue ink, appearing to read "S. Chattopadhyaya".

(Prof. S. Chattopadhyaya)

A handwritten signature in blue ink, appearing to read "Syed Ashad Hussain".

(Dr. S. A. Hussain)

A handwritten signature in blue ink, appearing to read "Anirban Guha".

(Dr. A. Guha)

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(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Sarek Hossain bearing Roll No. 1806270023 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Rajib Debnath bearing Roll No. 1806270024 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Prof. D. Bhattacharjee)

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(Dr. S. A. Hussain)

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(Dr. A. Guha)

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(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Sushankar Das bearing Roll No. 1806270025 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. S. A. Hussain)

(Dr. A. Guha)

(Dr. R. Das)





### Certificate from the Department

This is to certify that Mr. Selbestor Tripura bearing Roll No. 1806270026 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Shyamal Deb bearing Roll No. 1806270027 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. A. Guha)

(Dr. R. Das)



### Certificate from the Department

This is to certify that Mr. Sourav Debnath bearing Roll No. 1806270028 has undertaken the project work (**PH 1004C**) through online mode on the following topics.

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(Dr. A. Guha)

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