



GOVERNMENT DEGREE COLLEGE, KAMALPUR DHALAI,TRIPURA

REPORT OF THE NATIONAL WEBINAR ON

"Recent Advances in Material Science-2020"

The Department of Physics of Government Degree College, Kamalpur (NAAC Accredited) affiliated to Tripura University (A Central University), Tripura, INDIA has organized a National Webinar on "Recent Advances in Material Science-2020" held on 19th September 2020, webinar organized through Google meet and live streaming in YouTube. The webinar was organized with free registration and total 319 (Three hundred and nineteen) participants were registered for the webinar from different parts of India. The inaugural programme was started at 1.00 pm, **Dr. Dipankar Chakrabarti**, Principal-in-Charge of the college was the Chairperson of the National Webinar. There were total three (03) resource persons out of which Two (02) speakers from other states and One (01) speaker from our state Tripura.

Dr. Syed Arshad Hussain was the first speaker. Dr. Hussain is an Associate Professor of Physics at Tripura University. His major fields of interest are Thin Film and Nanoscience: Organo-clay hybrid, FRET, Biosensor, Biomimetic Surfaces. He was a Postdoctoral Fellow of K.U. Leuven, Belgium during 2007 – 2008. He has undertaken several research projects funded by DST, CSIR, DAE, UGC etc. Dr. Hussain has published more than 130 research papers in international journals, written three books and edited four books. He is working as Editorial Board Member of Applied Clay Science (Elsevier; IF=4.605), Heliyon (Elsevier; IF= 1.65), Recent Patent in Nanotechnology (Bentham Science, IF=1.75), Micro & Nanosystem (Bentham Science), Nanoscience & Nanotechnology-Asia (Bentham Science). Dr. Hussain is an Executive Committee member of Physics Academy of North East (PANE), invited member of American Nano Society, General Secretary of Society for Physical Science in Tripura (SPST), Secretary of Tripura University Alumni Association, member of Academic Council, Tripura

University and life member of several other professional societies. Dr. Hussain has already guided ten Ph.D. scholars and three M. Phil. students. At present several students are working under his supervision. He has visited eleven countries and attended several scientific conferences in India and abroad. He earned several recognitions in professional area – few of them are – Jagdish Chandra Bose Award 2008-2009, TSCST, Govt. of Tripura; Young Scientist Research Award by DAE & DST, Govt of India, Visiting Scientist by K. U. Leuven, Belgium, Best Paper award in 96th ISCA, Felicitation by Asiatic Society of Bangladesh etc. Details about his research work can be found in the following link: <http://sahussaintu.wordpress.com/>.

The second speaker was **Dr. Pabitra Kumar Paul**. Dr. Paul is presently working as an Associate Professor in Physics at Jadavpur University, Kolkata. He has more than 16 years of full-time teaching and research experience. He formerly worked as an Assistant Professor in Physics both at Tripura University and The University of Burdwan. He also worked as a Visiting Scientist at Osaka University, Japan and Raman Postdoctoral research fellow at the University of Texas at El Paso, USA. He is actively engaged in research in the area of Materials Science Especially Organic thin film films and their various properties and applications. Emphasis has been given to molecular spectroscopy and their applications in various restricted geometries. He has published number of research papers in various journals of international repute and also participated various national and international conferences/symposia.

And the third speaker of the webinar was **Prof. B. Indrajit Sharma**, he has M.Sc in Physics from Jamia Millia Islamia University, New Delhi in 1996. He awarded PhD in Physics from “Indian Institute of Technology, Guwahati (IITG)” in 2003. He awarded Post doc in BARC Trombay, Mumbai in Technical Physics and Prototype Engineering Division (TPPED) 2003-2004. Presently working as Professor, Department of Physics, Assam University Silchar since March, 2016.

He published more than 35 papers in SCI/SCOPUS Journals. He has undertaken a DST FAST TRACK Project SR/FTP/PS-33/2006 “Electronic structure Calculation of Transition Metal Carbides and Nitrides using wien2k code” for 3 years (2008-2011). Prof. Sharma has already guided four Ph.D. scholars (direct supervision), five Ph.D scholars (co-supervisor) and three M. Phil. students.

The technical sessions was started from 01.05 pm. Three resource persons were delivered their lecture with 25 minutes per speaker (± 5 minutes) and 05 to 10 minutes for questioning. Total 213 (Two hundred and thirteen) participants were joined in the technical sessions through Google meet and YouTube live.

The National Webinar was organized successfully from the beginning to end without any technical error, all sessions were excellent and very informative, the distribution of certificates of participation also done on due time. Overall, it was excellent organized as per the record of feedback form, from the participants, resource persons and other stack holders. The details of the National webinar such as Bruchure, Programme Schedule etc. are attached with the Report.

Thanking You



Mr. Utpal Sarkar (Organizing Secretary)

Assistant Professor

Department of Physics

Govt. Degree College, Kamalpur,

Dhalai, Tripura

BROCHURE



NATIONAL WEBINAR

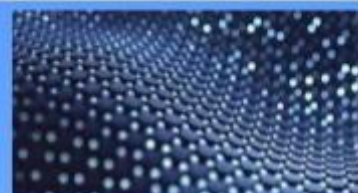
ON

RECENT ADVANCES IN MATERIAL SCIENCE-2020

19.09.2020 (01:00 pm – 03:15 pm)

ORGANIZED BY

DEPARTMENT OF PHYSICS, GOVERNMENT DEGREE COLLEGE, KAMALPUR, DHALAI, TRIPURA



SPEAKERS



PROF. B. INDRAJIT SHARMA
Professor
Dept. of Physics
Assam University, Silchar
ASSAM



DR. PABITRA KR. PAUL
Associate Professor
Dept. of Physics
Jadavpur University, Jadavpur
WEST BENGAL



DR. SYED ARSHAD HUSSAIN
Associate Professor
Dept. of Physics
Tripura University, Agartala
TRIPURA

ABOUT THE COLLEGE

With a view to introduce higher education and to bolster the job opportunities among the non-creamy layer sections of the society in the remotest Dhalai District, Government Degree College, Kamalpur, was established in 1987, directly patronized by the Government of Tripura. Since then, this college has been able to establish its name as the premier centre of higher education in this district. The college which started with a meager number of students and still lesser number of teachers, now boast of having around 1700 students and a sprawling campus area of 36.1 acres overlooking the flowing Dhalai and the green Longtharai range.



PLATFORM:
Google Meet
& Youtube
Live



E-Certificate will be given to all registered participants on submission of feedback form on time.



CHAIRPERSON
DR. DIPANKAR CHAKRABARTI
Principal-in-charge
Govt. Degree College, Kamalpur



ORGANISING SECRETARY
SRI UTPAL SARKAR
Assistant Professor
Dept. of Physics
Govt. Degree College, Kamalpur

ORGANIZING COMMITTEE

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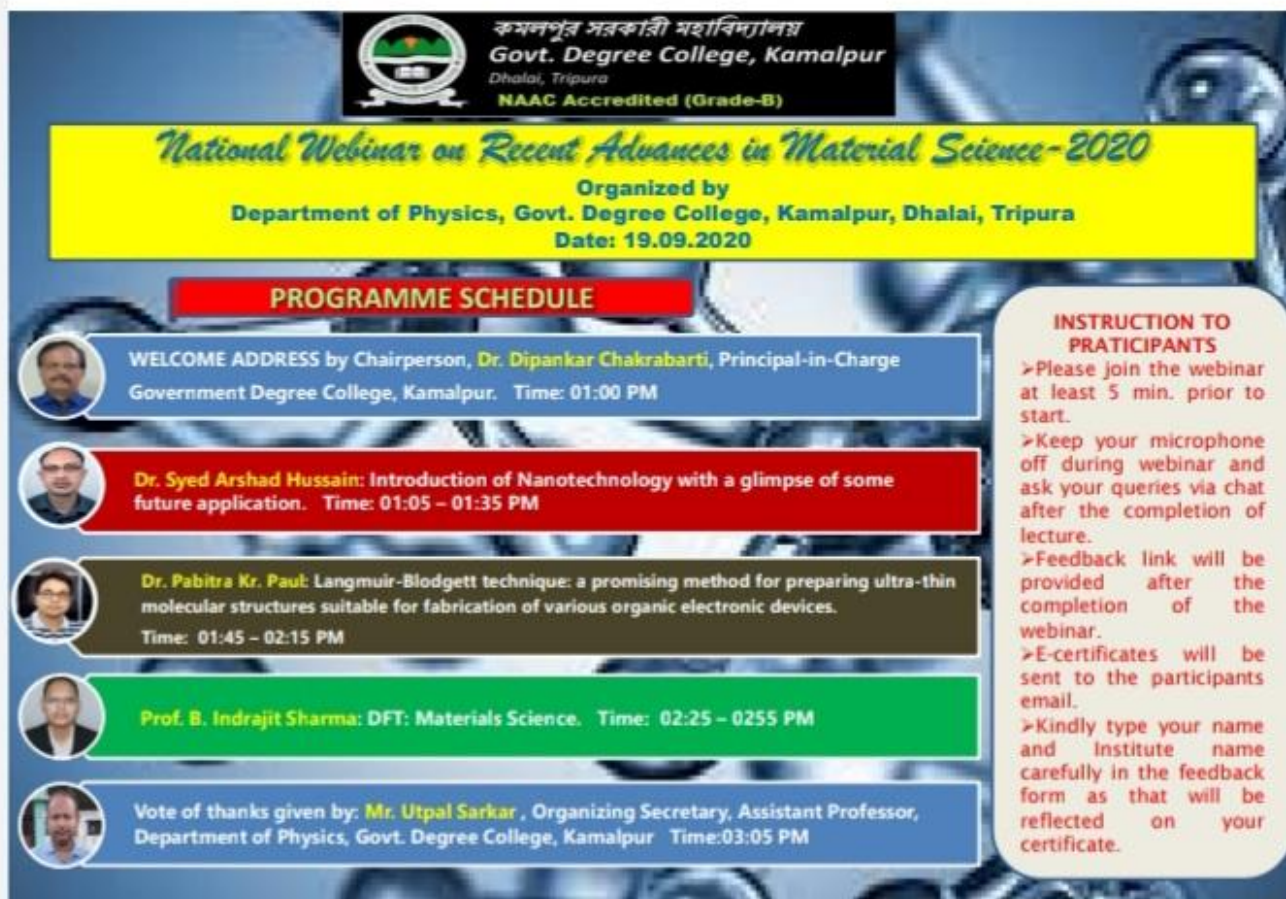
Webinar Registration Link:

<https://forms.gle/NhdhCuN6djoUfLC79> (free)

TELEGRAM GROUP LINK

<https://t.me/joinchat/LhmGMxUpmKcD7HYn70MxQ>

PROGRAMME SCHEDULE



The image is a poster for a webinar. At the top, it features the logo of Govt. Degree College, Kamalpur, Dhalai, Tripura, which is NAAC Accredited (Grade-B). The main title is 'National Webinar on Recent Advances in Material Science-2020', organized by the Department of Physics at the same college, on September 19, 2020. Below the title is a red banner with the text 'PROGRAMME SCHEDULE'. The schedule is listed in five colored boxes, each with a speaker's photo and details. To the right, there is a white box with instructions for participants.

কমলপুর সরকারী মহাবিদ্যালয়
Govt. Degree College, Kamalpur
Dhalai, Tripura
NAAC Accredited (Grade-B)

National Webinar on Recent Advances in Material Science-2020
Organized by
Department of Physics, Govt. Degree College, Kamalpur, Dhalai, Tripura
Date: 19.09.2020

PROGRAMME SCHEDULE

WELCOME ADDRESS by Chairperson, **Dr. Dipankar Chakrabarti**, Principal-in-Charge
Government Degree College, Kamalpur. Time: 01:00 PM

Dr. Syed Arshad Hussain: Introduction of Nanotechnology with a glimpse of some
future application. Time: 01:05 – 01:35 PM

Dr. Pabitra Kr. Paul: Langmuir-Blodgett technique: a promising method for preparing ultra-thin
molecular structures suitable for fabrication of various organic electronic devices.
Time: 01:45 – 02:15 PM

Prof. B. Indrajit Sharma: DFT: Materials Science. Time: 02:25 – 02:55 PM

Vote of thanks given by: **Mr. Utpal Sarkar**, Organizing Secretary, Assistant Professor,
Department of Physics, Govt. Degree College, Kamalpur Time: 03:05 PM

INSTRUCTION TO PARTICIPANTS
>Please join the webinar at least 5 min. prior to start.
>Keep your microphone off during webinar and ask your queries via chat after the completion of lecture.
>Feedback link will be provided after the completion of the webinar.
>E-certificates will be sent to the participants email.
>Kindly type your name and Institute name carefully in the feedback form as that will be reflected on your certificate.

Important Instructions:

1. All the participants are requested to join at least 15 minutes before the actual time.
2. All the participants are instructed to mute your self soon after join the live.
3. Questions to be asked in the chat box or live if any but only at the end of the session.
4. Participants must have to write his\her name, designation and institution address in the chat box for the attendance record.
5. The total programme will also be live in YouTube link will be shared 1 hour before in the WhatsApp/Telegram group.
6. Feedback form link will be sent at the end of the programme.

Meeting Link: <https://meet.google.com/ona-okho-pzi>

CERTIFICATE



CERTIFICATE OF PARTICIPATION

*This is to certify that **Sayantika Chanda**, Research Scholar of Tripura University *has participated in the National Webinar on “Recent Advances in Materials Science-2020” held on 19th September 2020, Organized by the Department of Physics, Government Degree College, Kamalpur, Tripura, INDIA**

ORGANIZING SECRETARY
(SRI UTPAL SARKAR)

PRINCIPAL-IN-CHARGE
(DR. DIPANKAR CHAKRABARTI)

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