

Report on Two Days National Level Workshop on Career Prospects in Physics and Chemistry

Aim and Objective:

The main aim of this workshop is to motivate young generation to choose diverse field of options after graduation and masters in physics and chemistry. Physics is an intriguing branch of science that nurtures the primary knowledge for scientific advancement of research and technology both. Pursuing graduation in Physics and masters demands conceptualized knowledge and most importantly imaginations that suits well to the words said by Sir Albert Einstein, *Imagination is more important than knowledge*". Physics is one of the oldest disciplines of science and offers vast career opportunities to the aspirants. On the other hand, Chemistry is the study of matter that is an important part of our understanding of the universe. Chemistry, just like other natural sciences, is the backbone of how the world is shaping up at present. It says a lot about the structure of things, how they react with and to each other, and the way they change. These knowledge open up a wide range of career choices for you.

The main aim of the workshop is given below:

- A. Career Prospects in Physics.
- B. Career Prospects In Chemistry

Registration List:

https://docs.google.com/forms/d/e/1FAIpQLScHEfx4-1FWyldLRxjHB_afm8k5HSwkA56SISBxCEuVu2iXew/viewform?usp=sf_link

Organizing Committee:

Chief Patron:

Shri Mridul Yadav (Chief Patron), Hon'ble Deputy Commissioner, Karimganj cum President GB, PDUAM Eraligool

Patrons

- (i) Dr. Jayasree Chakrabarty (Patron), Principal PDUAM Eraligool
- (ii) Shri Monjurul Hoque (Patron), Principal, Patharkandi College, Patharkandi

Coordinators & Co-coordinators

- (i) Dr. Sibasish Dutta, (Coordinators) Asst. prof. Dept. of Physics, PDUAM Eraligool
- (ii) Dr. Dimpri Paul, (Coordinators) Asst. prof. Dept. of Physics, Patharkandi College
- (iii) Dr. Mithun Nandi (Co-Coordinator), Asst. Prof & Head, Dept. of Chemistry, PDUAM Eraligool
- (iv) Dr. Abhijit Dutta (Co-Coordinator) Asst. Prof. & Head, Dept. of Chemistry, Patharkandi College
- (v) Dr. PritibhajanByakti (Co-Coordinator), Asst. Prof. & Head, Dept. of Physics PDUAM Eraligool
- (vi) Dr. Gayatri Ghosh (Co- Coordinator), Asst. Prof. Dept. of Physics, PDUAM Eraligool
- (vii) Dr. Sunshine D. Kurbah (Co-Coordinator), Asst. Prof, Dept. of Chemistry, PDUAM Eraligool

Members:

- (i) Dr. Tanvir Hussain, Asst. Prof. & Head, Dept. of Physics, Patharkandi College
- (ii) Derhasad Basumatary, Asst. prof. Dept. of Physics, Patharkandi College

Collaboration:

Dept. of Physics & Dept. of Chemistry, PDUAM Eraligool, Karimganj

Funding Agency: NIL

Mode (Online/Offline): Online

Venue: PDUAM Eraligool and Patharkandi College (*Zoom Platform*)

Date & Time: 30th and 31st of January, 2022 (at 10:30 AM)

Guest(s): Smt. Antara Sen, Circle Officer, Karimganj

Resource Person(s):

Day 1:

- (i) Prof. Poulouse Poulouse, Professor Dept. of Physics, IITG
- (ii) Dr. Nirmal Mazumder, Asst Prof. Dept. of Biophysics, MAHE, Karnataka,
- (iii) Dr. Abhijit Chandra Roy, DST-Inspire Faculty, Dept. of Physics, IISc Bangalore

Day 2:

- (i) Prof. Poritosh Mondol, Professor, Dept. of Chemistry, Assam University,
- (ii) Shri Bikash Saikia, Superintending Chemist, ONGC Mumbai

Title of the Talk:

- Prof. P. Polose- Physics opportunities in IITs
- Dr. N. Mazumder- What is involved in Physics Career?
Dr. A. Chandra Roy- Data Science as Career
- Prof. P. Mondol- Opportunities and Career options pursuing Chemistry
Shri B. Saikia- Career prospects in Chemistry

Summary of the Programme:

Department of Physics & Department of Chemistry, PDUAM, Eraligool in collaboration with Department of Physics & Department of Chemistry, Patharkandi College, Patharkandi has organized a Two-Days National Level Workshop on Career Prospects in Physics and Chemistry on 30th and 31st January, 2022 from 10:30 AM onwards on virtual platform (Zoom). There were 234 participants who have registered for the workshop *via* Google form and joined the telegram link for communication, with Dr. Jayasree Chakrabarty, Principal PDUAM Eraligool and Dr. Monjurul Hoque, Principal, Patharkandi College as patrons and Shri Mridul Yadav, IAS, Hon'ble Deputy Commissioner cum president *PDUAM Eraligool* as chief patron of the program.

On **day one**, the program was hosted by Dr. Sibasish Dutta, Asst. Prof, Dept. of Physics PDUAM Eraligool as coordinator and convener, jointly coordinated by Dr. Pritibhajan Byakti, Asst. Prof & Head Dept. of Physics, PDUAM Eraligool of Physics, PDUAM Eraligool.

On this day, Prof. P. Poulouse, Dept. of Physics, IITG, delivered his talks on Physics opportunities at IITs followed by lectures and interaction sessions with Dr. N. Mazumder, Asst. Prof., Dept. of Biophysics, MAHE, Karnataka and Dr. A. C. Roy, DST-Inspire Faculty, IISc Bangalore. Dr. Mazumder and Dr. Roy delivered their talks on different career options available for Physics at undergraduate, post graduate levels and at research levels. The vote of thanks for day one was delivered by Dr. P. Byakti.

On **day two**, the program was hosted by Dr. Dimpri Paul, Asst. Prof, Dept. of Physics Patharkandi College, Patharkandi as coordinator and convener, jointly coordinated by Dr. Abhijit Dutta, Asst. Prof

& Head Dept. of Chemistry, Patharkandi College, Patharkandi. The program was inaugurated by Dr. Chalikuzzaman, Asst. Prof., Patharkandi College on behalf of the Principal, Patharkandi College. One this day, Prof. Paritosh Mondol, Prof. Dept. of Chemistry, Assam University delivered his talk on Opportunities and Career options pursuing Chemistry where he highlighted the importance of Chemistry in daily life followed by different job opportunities available for Chemistry graduates and post graduates students.

Thereafter, Shri Bikash Saikia, Superintending Chemist, ONGC Mumbai delivered his talk on Career prospects in Chemistry and various job opportunities available after BSc and Masters level for Chemistry students.

Brochure:

Two days National Level Workshop on Career prospects in Physics and Chemistry on 30th & 31st January, 2022

Jointly Organized by
 Department of Physics and Chemistry, Patharkandi College, Karimganj
 Department of Physics and Chemistry, Patharkandi College, Karimganj

Organizing Committee, Patharkandi College, Karimganj:
 Dr. Chalikuzzaman, Asst. Prof. Dept. of Chemistry
 Dr. Paritosh Mondol, Asst. Prof. Dept. of Chemistry
 Dr. Chandan Kumar, Asst. Prof. Dept. of Physics
 Dr. Ananta B. Barua, Asst. Prof. Dept. of Chemistry

Organizing Committee, Patharkandi College, Karimganj:
 Dr. Chalikuzzaman, Asst. Prof. Dept. of Chemistry
 Dr. Paritosh Mondol, Asst. Prof. Dept. of Chemistry
 Dr. Chandan Kumar, Asst. Prof. Dept. of Physics
 Dr. Ananta B. Barua, Asst. Prof. Dept. of Chemistry

Head of the Institute:

Subject	Speakers	Day
Physics	<ul style="list-style-type: none"> Prof. Paritosh Mondol, Department of Physics, IIT Guwahati Dr. Ananta B. Barua, Department of Physics, School of IITM, Guwahati, Assam, India Dr. Ananta B. Barua, Asst. Prof. Dept. of Physics, Patharkandi College, Karimganj, Assam, India 	30/01/2022 (Sunday)
Chemistry	<ul style="list-style-type: none"> Dr. Ananta B. Barua, Asst. Prof. Dept. of Chemistry, Patharkandi College, Karimganj, Assam, India Shri. Bikash Saikia, Superintending Chemist, ONGC, Mumbai 	31/01/2022 (Monday)

Free Registration

Platform Zoom

Invited Speakers:

- Shri. Mohit Yadav, IAS, Shri. YS Deputy Commissioner, Karimganj cum President Governing Body, PDIRAM Karimganj
- Prof. Paritosh Mondol, Department of Physics, IIT Guwahati, Karimganj
- Prof. Paritosh Mondol, Department of Chemistry, Assam University, India
- Dr. Ananta B. Barua, Asst. Prof. Dept. of Chemistry, Patharkandi College, Karimganj
- Dr. Ananta B. Barua, Asst. Prof. Dept. of Chemistry, Patharkandi College, Karimganj
- Dr. Ananta B. Barua, Asst. Prof. Dept. of Chemistry, Patharkandi College, Karimganj
- Shri. Bikash Saikia, Superintending Chemist, ONGC, Mumbai, India

OBJECTIVE OF THE WORKSHOP:
 The main aim of this workshop is to motivate young generation to choose diverse field of activities after graduation and entrance in physics and chemistry. Physics is an emerging branch of science that offers the greatest scope for scientific advancement of modern and emerging tech. Research potential in Physics and modern emerging computational technology will give mutually complementary but wide scope for research work by Ab-initio, Simulation & more excellent data technology. Physics is one of the other disciplines of science and offers vast career opportunities to the students. On the other hand, Chemistry is the study of matter that is composed of one or two atoms/molecules of the matter. Chemistry and other allied sciences is the backbone of how the world is shaping up as present. It will be clear the practice of things how the world will look to each other and the way they change. These knowledge can give wide range of career choice for you.

REGISTRATION:

- Registration fee: No fee will be charged from the participants.
- Limited seats: 100 participants (Each for Physics & Chemistry)
- Last date for registration: 25/01/2022 till 11:55 P.M.
- Participants via telegram (Zoom link will be shared in telegram group)

REGISTRATION LINK (Using E-mail):

- Registration link: ananta.barua@patharkandicollege.ac.in
- Telegram link for Physics: <https://t.me/OTPatharkandiM1>
- Telegram link for Chemistry: <https://t.me/OTPatharkandiM2>

CONTACT PERSON:

- Dr. Shikha Debata (913074297)
- Dr. Deepa Paul (9707076209)

E-Certificates will be issued to all the participants

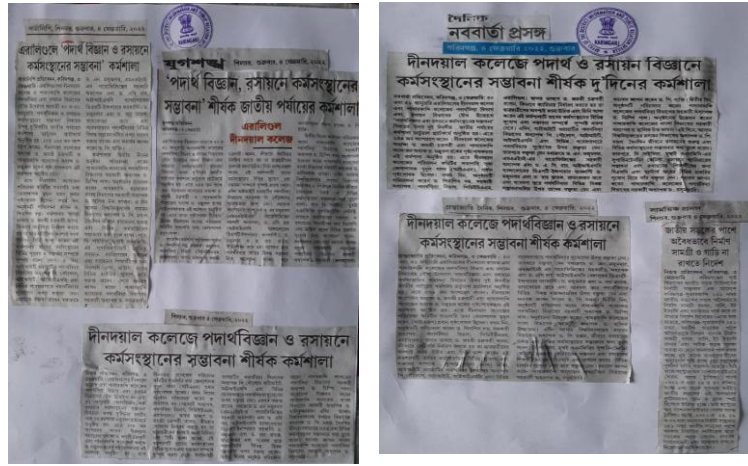
Physics & Chemistry

Documentary/Photographic evidence:

This screenshot shows a Zoom meeting in progress. The main window displays a grid of 20 video thumbnails. The top row includes participants like 'Abhijit Roy', 'Career Prospects in Physics & Chem...', 'Nirmal Mazumder (MSLS, MAHE...', 'Pritibhajan Byakti', and 'Diyamani B G'. The bottom row includes 'Anita Ray', 'Manisha', 'Ankitha H.R', 'Shruthika. K. M', and 'Dr. NONGMAIT...'. A sidebar on the right shows a list of 76 participants, including 'Sujoy Debnath' (Joining...), 'Pritibhajan Byakti (Co-host, me)', 'Career Prospects i... (Host)', 'Poulouse Poulouse (Co-host)', 'Abhijit Roy (Co-host)', 'Dr. Dimpi Paul (Co-host)', 'Nirmal Mazumder (Co-host)', and 'Abhijit'. A chat window is also visible with messages like 'We will take a group photo after Vote of thanks...' and 'Thank you'.

This screenshot shows another Zoom meeting. The main window displays a grid of 20 video thumbnails. The top row includes 'Dr. Dimpi Paul', 'Career Prospect...', '1F0mrb1kGtaTe...', 'Abhijit Deb', and 'BIKASH SAIKIA' (highlighted with a green border). The bottom row includes 'Shahid Afridi', 'Abu Shama', 'Aleya Begum', 'Lubna Anan', and 'Saiful Iblam'. A sidebar on the right shows a list of 79 participants, including 'Career Prospects L... (Co-host, me)', 'Dr. Dimpi Paul (Host)', 'Paritosh Mondal (Co-host)', 'Dr. Abhijit Dutta (Co-host)', 'Mithun Nandi (Co-host)', 'SUNSHINE KURBAH (Co-host)', 'Shamim Ahmed', 'Munna Sinha', 'Prof Hameeda...', and 'Saiful Iblam'. A chat window shows messages like 'Good morning mam', 'sound isn't coming clear...', and 'sound isn't clear'.

Advertisement:



----- Submitted by- Organizing committee from Patharkandi College

Coordinator: Dr. Dimpi Paul, Assistant Professor, department of physics

Co-coordinator: Dr. Abhijit Dutta, Assistant Professor, department of chemistry