

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

Free Registration

Platform Zoom

Limited Seats, 5000 ONLY

Invited Speakers

- Prof. Paritosh Mondol, Department of Chemistry, Assam University, India
- Dr. Abhishek Chandra Ray, OET-Inspire Faculty, Department of Physics, IIT Roorkee, India
- Dr. Deepak Prasad, OET-Inspire Faculty, Department of Physics, IIT Roorkee, India
- Shri Bikash Saikia Superintending Chemist ONGC, Mumbai, India

Organizing Committee, Patharkandi College, Karimganj:
 Dr. Chalikuzzaman, Asst. Prof. Dept. of Physics
 Dr. Paritosh Mondol, Asst. Prof. Dept. of Chemistry
 Dr. Abhishek Chandra Ray, OET-Inspire Faculty, Department of Physics, IIT Roorkee
 Dr. Deepak Prasad, OET-Inspire Faculty, Department of Physics, IIT Roorkee

Organizing Committee, Patharkandi College, Karimganj:
 Dr. Chalikuzzaman, Asst. Prof. Dept. of Physics
 Dr. Paritosh Mondol, Asst. Prof. Dept. of Chemistry
 Dr. Abhishek Chandra Ray, OET-Inspire Faculty, Department of Physics, IIT Roorkee
 Dr. Deepak Prasad, OET-Inspire Faculty, Department of Physics, IIT Roorkee

Faculty Members:
 Dr. Paritosh Mondol, Department of Chemistry, Assam University, India
 Dr. Abhishek Chandra Ray, OET-Inspire Faculty, Department of Physics, IIT Roorkee, India
 Dr. Deepak Prasad, OET-Inspire Faculty, Department of Physics, IIT Roorkee, 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 research and technology work. Research opportunities in Physics and modern emerging computational technology will also naturally supplement the work done by chemists and by other related disciplines. Inspire is a more extended than knowledge 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 more atoms/molecules of the matter. Chemistry and other allied sciences is the backbone of how the world is shaping up as present. It is not to think 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: 5000 participants (Each for Physics & Chemistry)
 Last date for registration: 25/01/2022 till 11:55 P.M.
 Registration via telegram (Zoom link will be shared in telegram group)

REGISTRATION LINK (Using E-mail):
 Registration link: <https://forms.gle/8m8888888888888888>
 Telegram link for Physics: <https://t.me/OTFPatharkandiM21>
 Telegram link for Chemistry: <https://t.me/OTFPatharkandiM21>

CONTACT PERSON:
 Dr. Shikha Ghosh (913074297)
 Dr. Deepak Prasad (9707076029)

E-Certificates will be issued to all the participants

Physics & Chemistry

Documentary/Photographic evidence:

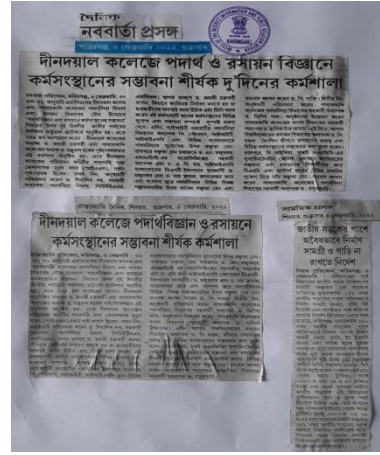
This screenshot shows a Zoom meeting in progress. The main window displays a grid of 20 participants. The sidebar on the right shows a list of 76 participants, including several co-hosts and hosts. The chat window is open, showing a message from 'Seema Ahmed to Everyone' and a response 'Thank you'. The system tray at the bottom indicates the time is 12:58 PM on 1/30/2022.

Participant Name	Role
Abhijit Roy	Participant
Career Prospects in Physics & Chemi...	Participant
Nirmal Mazumder (MSLS MAHE...	Participant
Pritibhajan Byakti	Participant
Divyanshi B G	Participant
Dr. Dimpri Paul	Participant
Seema Ahmed	Participant
Athmi	Participant
Panchajanya Bhattacharjee	Participant
Fatima Begum	Participant
Dr. Jayjendra Nath Choudhury	Participant
Arijun Chakraborty	Participant
Dhruthi	Participant
Lakshyaji Bora	Participant
Srinidhi nidhi	Participant
Anita Ray	Participant
Manisha	Participant
Ankitha H.R	Participant
Shruthika. K. M	Participant
Dehasid Basumatary	Participant
Krishna saikia	Participant
BIKASH SAIKIA	Participant
Prof Hameeda Banu Begum B	Participant
Abhijit	Participant
Dr. NONGMAITHEM BROENDRO...	Participant

This screenshot shows a Zoom meeting in progress. The main window displays a grid of 20 participants. The sidebar on the right shows a list of 79 participants. The chat window is open, showing a message from 'Diganta Saikia to Everyone' and a response 'sound isn't clear'. The system tray at the bottom indicates the time is 12:58 PM on 1/30/2022.

Participant Name	Role
Dr. Dimpri Paul	Participant
Career Prospects in Physics & Che...	Participant
1F0mrb1kGtaTe_302SAAAAABIES...	Participant
Abhijit Deb	Participant
BIKASH SAIKIA	Participant
Fazlul Hoque	Participant
Dr. Abhijit Dutta	Participant
DR. CHAIKUZZAMAN	Participant
OPPO ASs	Participant
Shamim Ahmed	Participant
Deepjoy Lodh	Participant
Asad Ahmed	Participant
Niton	Participant
Hafizur Rahman	Participant
Munna Sinha	Participant
Paritosh Mondal	Participant
Dr. Diganta Bhu...	Participant
Shaid Ahmed	Participant
oppo	Participant
Prof Hameeda Banu Begum B	Participant
Shuhid Afridi	Participant
Abu Shama	Participant
Aleya Begum	Participant
Lubna Anan	Participant
Saiful Islam	Participant

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

Notice

This is for general information to all the concerned college fraternity that the Department of Physics and Chemistry is going to organize *Two day Workshop on Career prospects in Physics and Chemistry* in association with Department of Physics and Chemistry of *PDUAM Eraligool*, Karimganj on 30-31 January, 2022 in virtual mode by hosting a series of lectures including one on one interactive sessions to be delivered by invited speakers. To enable the students to attend the lectures, classes of the Science stream (Physics and Chemistry (**Honours & pass**)) will remain suspended on 31st January, 2022 from 11:00 AM to 1.30 PM. The Head of the Department of all the departments of the Science stream are hereby requested to engage the students of their respective department for smooth conduct of the event in virtual mode.

Yours faithfully

Dr. Monjurul Houque

Principal

Patharkandi College, Patharkandi

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