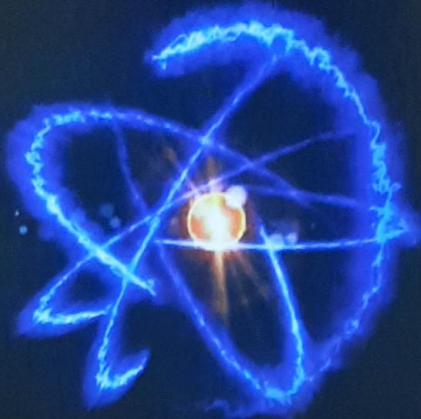


fiziks

... The Bhoutik Glimpse of Pragjyotish College



Vol - I, Issue I : June 2019

Physics pronounced as 'fiziks' comes from the Greek word 'phusika', which means nature or natural things. Human beings from thousands of years or we can say since the beginning, had a strong desire to learn and to explore the world around them, and felt the urge to know how mother nature works.

'Bhoutik' is the Sanskrit word for Physics, means 'the study of matter and its motion with related concepts such as energy and force'.

Editorial...

Since 1958, the Physics department has been an important part of Pragjyotish college. This department contributes in all-round development of students by organizing various activities along with studies, which helps to build us a strong base in various fields and prepare for the competitive world ahead. Here in '**fiziks**' we try to reflect some of our activities, achievements, students co-curriculum etc. The main goal of presenting this newsletter is to recall and highlight some of the events, tours and the colourful times spent together by both the students and the Professors. This newsletter will encourage each and everyone of the Physics family and also the future members to keep the spirit alive.

It has given us immense pleasure as we are able to publish this newsletter. We would like to acknowledge our Principal, Dr. Manoj Kr. Mahanta for his constant support and guidance. We would also like to thank everyone who has been an integral part of this department and without whom it would not have been possible to come this far.

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DEPARTMENTAL ACTIVITIES

FRESHERS' SOCIAL CELEBRATION



The Department of Physics organised the departmental Freshers' on 25th August, 2018. The programme started with an welcome address by the Head of the Department. This was followed by short speeches given by the respected Teachers regarding the history and the legacy of the department. The seniors of the department introduced themselves and shared their experiences of being a student of the Department of Physics. The event concluded with a cultural programme, where the students showed their talents. By the end of the event, the newcomers learned a lot about the culture of the Department.

TEACHER'S DAY-2018

On 5th September 2018, students of Physics Department held the Teacher's Day Celebration. The Programme started with a candle light tribute to Dr. Sarvepalli Radhakrishnan by the Head of the Department. This was followed by felicitating the teachers by a *Phoolam Gamocha* as a gesture of love and gratitude from students. After felicitation, teachers inspired us and shared their experience on how to achieve success in life. This was a motivating experience for the students.



VISWAKARMA PUJA IN THE PHYSICS DEPARTMENT

On 17th September, 2018, the students of the Physics Department organised Vishwakarma Puja in the Departmental premises. Everyone attended the Puja in traditional outfits and sought blessings from Lord Vishwakarma.

The annual issue of the Wall Magazine was also inaugurated by the Principal, Dr. Manoj Kr. Mahanta on the same day in presence of the entire department. The event was concluded by a Lunch.



National Children's Science Congress jointly organized by Department of Physics and IAPT RC-17 :

National Children's Science Congress was held in the college premises on 30th September, 2018. Many students from different institutions participated in the event. Students of the Physics Department were actively involved and also volunteered the event. Numerous innovative ideas were presented by the participating students. The ideas were mostly related to the fields of Physics and Chemistry. For example, a

student presented an idea of building roads using plastic instead of coal. The students were enlightened with lots of scientific knowledge and information.



Science Day - 2019

On National Science Day, the Physics department organized an inter-departmental Science Quiz.

Many students from various departments of Pragjyotish college participated in the Quiz competition, of which



three teams were awarded the 1st, 2nd and 3rd prize.

This year the theme of the Science Day was **“Science for the people and people for science”**. Some of our Professors delivered speeches elaborating the importance of science in developing the human civilization as well as people's participation and accepting scientific ideas.

Alumni Meet Held -2018

On 17 September, 2018 an Alumni meet was held in the Department of Physics. Many former students gathered and took part in the event.

The students and the teachers shared their past memories. The Department congratulated and felicitated the Alumni in the end.



You can not change your future, but, you can change your habits and surely your habits will change your future.
-APJ Abdul Kalam

Holi Celebration in the College - 2019

On 20th March, Holi was celebrated in the department. Students of the department participated in the celebration along with teachers. There was colour of joy and enjoyment in the atmosphere as the students played holi with the teachers, seniors and classmates. The entire celebration went for half an hour.



ACHIEVEMENTS



- **Ratul Khan** being felicitated for securing 1st class 1st Position in B.sc (Physics) Final Exam. (2017) :

- **Best Student Award :**



Dr. Manoj Kumar Mahanta Principal of Pragjyotish College presenting best student award to Dhanjit Talukdar, Bitupan Boro & Joseph Soren.

2019 COLLEGE WEEK ACHIEVEMENTS



Winner in Cricket Tournament during college week- 2019



Tonmoy Deka: 2nd Position in Drawing Competition during college week-2019



Souravjyoti Deka : 3rd position in poem writing during college week-2019



STUDENTS' PARTICIPATION OUTSIDE THE STATE

Students participation in different programs other than the regular studies is a very important factor for a college or a department. It shows how much successful the students are in relating the study syllabus with the outside world. Our department also have students who have participated in different workshops, seminars and competitions and excelled in it. Some have also participated in programs held outside the state. They are...

➤ C.K Majumdar Memorial summer workshop in Physics 2016

Participants:

Kartik Narayan Sarma

Biju Das

Organised by: Indian Association of
Physics Teachers &

S.N Bose National Centre
for Basic Sciences, Saltlake, Kolkata

Date: 14th June to 24th June 2016



➤ C.K Majumdar Memorial summer workshop in Physics 2018

Participants:

Joseph Soren

Suman Ghosh

Organised by: Indian Association of
Physics Teachers &

S.N Bose National Centre for
Basic Sciences, Saltlake, Kolkata

Date: 23rd May to 2nd June 2018



➤ *National Championship Makeintern & E-Cell (IIT KGP) 2018*

Participants:

Dhanjit Talukdar
Jintu Choudhury
Sani Amul Ahmed
Saddam Hussein
Aalok Das

Organised by : Makeintern & E-Cell (IIT KGP)

Date : 27th & 28th October

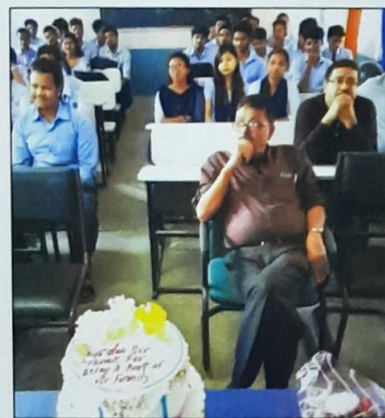
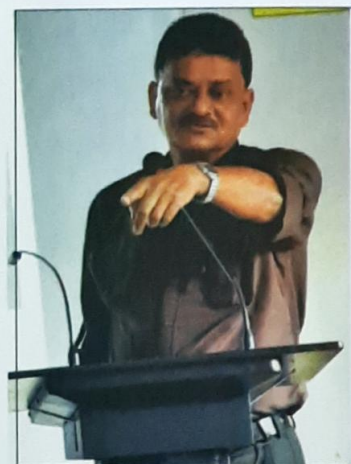


PROF. PRANAB KUMAR DAS

Sri P. K. Das, Ex Head of the department retired on 31st March, 2018. He served in the Department since 1985.

He was an integral part of our Physics Department. A very sincere and efficient teacher, he mesmerized students with his novel ways of instruction. He contributed a lot to the overall development of the Department, be it academic or any other matter. For students, he was like a father. He always extended his help and support in career related and other matters.

We are thankful to him & wish him a happy & healthy life...



EDUCATIONAL TOURS BY THE DEPARTMENT OF PHYSICS

Trip to Gangtok

The Department of Physics made an Educational Tour to Gangtok, Sikkim on 23/02/2017. The Trip comprised of 4 days exploration in which 19 students from 4th Sem. and 23 students from 6th Sem. were accompanied by the faculties of the Department.



Trip to Bhalukpong

The Department of Physics made a visit to Bhalukpong, Arunachal Pradesh as a part of a 2 day Educational Tour. The trip included a visit to Tipi Orchid Centre. On the following day we visited the Nameri National Park and then experienced the adventure of River Rafting in the Jia Bharali River.

Parents-Teachers Meet

On 5th May, 2018 the Annual Parents-Teachers Meet was held in the presence of faculties of the Department. Our presentation on the Departmental activities & facilities was given by Dr. Aziz Khan.

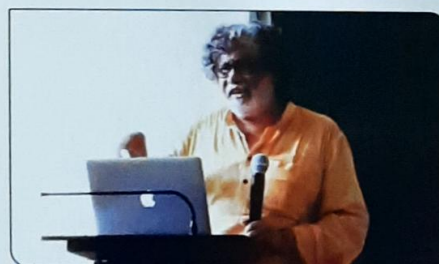
Workshop

The Department of Physics in association with Kshitij Fest (an IIT-Kharagpur event) organised a workshop on *Solar-Cell Technology* on 3rd & 4th April, 2018. Five students attended the second round of make-intern event in IIT Kharagpur.



Seminar Talk

A motivational talk on *From An Individual to a Leader* was delivered by Mr. Dilip Kr. Sarma on 5th October, 2018





Cultural Rally - 2019



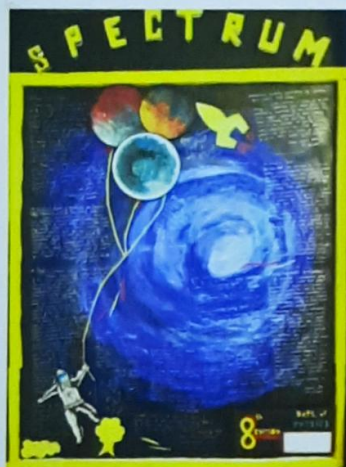
Wall Magazine Inaugurated by
Principal Dr. Manoj Kr. Mahanta



Plantation during Teacher's Day



Students appearing for National Graduate
Physics Examination of IAPT in January-2019
in the Department of Physics



8th Edition of SPECTRUM



Solar cell workshop 2018