



# A half yearly Newsletter

## Aryabhata Science Centre

### Assam Science Technology and Environment Council



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## Editorial

India has a rich history of science, technology, innovation and research dating back to ancient times. From the invention of the decimal system to the discovery of the higgs boson particle, India has contributed immensely to the world of science and technology.

However, in recent years, India has faced several challenges in these areas. Despite being the world's second-most populous country, India lags behind many countries in terms of research and development (R&D) investment. According to the Global Innovation Index 2022, India ranks 40th among 132 countries, with a score of 36.6 out of 100. Though India is improving in its global rank in recent times there is still a lot of work to be done to improve the country's innovation ecosystem.

One of the key issues that India faces is the lack of funding for R&D. The country's R&D spending as a percentage of GDP is only 0.7%, which is much lower than that of countries like the US, China, and Japan. This has resulted in a shortage of skilled researchers and scientists, which in turn has impacted the quality and quantity of research being conducted in the country.

Another major challenge for India is the lack of collaboration between academia, industry, and government. There is a need for greater collaboration to drive innovation and accelerate the commercialization of research findings. This would require the establishment of stronger links between universities, research institutions, and the private sector.

However, there have been some positive developments in recent years. The Indian government has launched several initiatives to promote R&D and innovation, such as the Atal Innovation Mission, which aims to foster innovation and entrepreneurship among young Indians. The government has also established several science and technology parks and research clusters to support R&D activities.

In addition, India has a strong start-up ecosystem, with many young entrepreneurs developing innovative solutions to address some of the country's pressing challenges. From healthcare to agriculture, these start-ups are making significant contributions to India's innovation landscape.

In Assam, Assam Science Technology & Environment Council (ASTEC) has setup 219 numbers of Aryabhata Science Centres in 219 developmental blocks of the state with the aim to build scientific attitude among the school students through experimentations and hands-on-activities and stimulate scientific temper for innovation so that they can choose basic science as a career option. These centres are providing a highly conducive platform for students, teachers and common people for enriching their knowledge and application of science in day to day lives. These centres have been designed and equipped to encourage enquiry among students and community such as interactive books, learning kits, hands on tools, scientific equipment thought provoking video films, GPS etc. They are serving as S&T activity hubs at the grass root level of the state with visible impact.

We whole heartedly appreciate the constructive suggestions and views and activities to improve the performance of the Aryabhata Science Centres.

Dr. Jaideep Baruah  
Director, ASTEC

## Aryabhata Science Centre BONGAIGAON DISTRICT

**Workshop on “Know Your Sky and Look Through Telescope”:** A one day workshop on “Know Your Sky and Look through Telescope” sponsored by ASTEC was organized on 30<sup>th</sup> October 2022 by ASC Bongaigaon district in collaboration with Guwahati Planetarium and in association with Birjhora Mahavidyalaya Bongaigaon and district administration, Bongaigaon. The theme of the workshop was **“Bringing Sky to Rural Area’s Young Children”** specially young children from the rural areas of Bongaigaon, Kokrajhar and Chirang district of Assam. A special preference was given to those children belonging to SC / ST community in the region. In this Program, the keynote address was delivered by eminent scientist Dr. Jaideep Baruah, Head, i/c. Science & Technology Division, ASTEC. A popular talk on **“Akashor Monumuha Kothabur’** was presented among school children by Dr. Kishor Kr. Baruah from Tezpur University.



In the evening, Night Sky Observation activity was held in the presence of Mr. Babul Ch Bora, Curator, Guwahati Planetarium and his team from Guwahati Planetarium, Guwahati, Assam. More than 140 numbers of students and school teachers from different school of Bongaigaon, Kokrajhar and Chirang district of Assam were present in the workshop. Apart from this many local village peoples were spontaneously participated in the evening night sky observation program and look the beauty of night sky, Moon, Jupiter and Saturn through telescope. (Activity Photo attached in gallery)

**Celebrated World Environment Day-2022** on 5<sup>th</sup> June 2022 with the theme “Only One Earth”.

**Observation of Har Ghar Tiranga:** On the occasion of 75 years of Independence, Azadi Ka Amrit Mohotsav

was celebrated with the theme Chief Minister Institutional Plantation Program and Har Ghar Tiranga. The period of observation was 17<sup>th</sup> July 2022 to 15<sup>th</sup> August 2022.

**Hands on Training program** by district coordinator on how to operate Projector and sound system provided by ASTEC for block coordinators on 25-09-2022.

## Aryabhata Science Centre BASKA DISTRICT

The District Level Competition of ASC was held at Jhargaon High School, Tamulpur on 12th February 2022. All the Science based competitions were held among 100 participants(approx) comprising 6 Blocks of the District. Moreover an interaction programme was held among students on the topic “Future Carrier of students” by The Block Co-ordinators. Mr. Pritam Thakuria, ADC of Tamulpur District was present in the meeting along with other distinguished guest. Cultural Programme was also held before the meeting.

Like that the National Science Day was too held comprising about 10 Schools at Ramechuburi High School, Tamulpur on 28th February 2022. The programme was initiated with homage paid to the altar of The Great Scientist, C.V. Raman by the Assistant Head Master of the school. In addition to a plantation programme was held in co-operation with Teachers and guardians. Quiz and Art Competitions were held on the occasion. Popular talks and speech on the selected theme delivered by experienced teachers on the prize distribution meeting.



“Mukhya Mantrir Vigyan Darshan” was another remarkable Programme in which 460 Participants attended in the Science exposor scheme from the District.

## Aryabhata Science Centre NORTH WEST JORHAT BLOCK JORHAT DISTRICT

২০২১ চনৰ ২৮ ফেব্ৰুৱাৰী তাৰিখে Brilliant Academy, Jorhat Junior College ত দিনযোৰা কাৰ্যসূচীৰে যোৰহাট জিলা আৰ্যভট্ট বিজ্ঞান কেন্দ্ৰৰ সমন্বয়কৰ সহযোগত আৰু NEISTৰ বিজ্ঞানী প্ৰয়াত জীৱন শৰ্মা কটকী ন্যাসৰ সৌজন্যত বিজ্ঞানৰ প্ৰসাৰ আৰু প্ৰচাৰ কামত অধিক সময় সহযোগ কৰা বাবে NEISTৰ অৱসৰপ্ৰাপ্ত বিজ্ঞানী ড° প্ৰমোদ চন্দ্ৰ নেওগক বঁটা প্ৰদান কৰা হয়।

২০২১ বৰ্ষৰ ক্ৰমে ৭, ১৩ আৰু ২১ ফেব্ৰুৱাৰী তাৰিখে বজাখাট অঞ্চলত মালৌপথাৰ জাতীয় বিদ্যালয়ত আৰু জনজাতীয় অঞ্চল ধনখোলৈ শঙ্কৰদেৱ শিশু নিকেতনত অন্ধবিশ্বাস আৰু কু-সংস্কাৰৰ ওপৰত ৰাইজ মেল অনুষ্ঠিত কৰা হয়।



যোৰহাট জিলাৰ উপায়ুক্ত শ্ৰীযুত অশোক কুমাৰ বৰ্মন ডাঙৰীয়াই বহুসংখ্যক বিজ্ঞানপ্ৰেমী ৰাইজৰ উপস্থিতিত বিগত ২০/০৮/২০২১ তাৰিখে উত্তৰ-পশ্চিম যোৰহাট খণ্ডৰ নৱনিৰ্মিত আৰ্যভট্ট বিজ্ঞান কেন্দ্ৰটি দুৱাৰ মুকলি অনুষ্ঠান সমাপন কৰে।

সেই বৰ্ষতে ২০ মাৰ্চ তাৰিখে সৰুচৰাই ঘৰফলীয়া উচ্চ ইংৰাজী বিদ্যালয়ত সাধুকথা দিৱসত ছাত্ৰ-ছাত্ৰীৰ মাজত সাধু কথা (বিজ্ঞান ভিত্তিক) প্ৰতিযোগিতা অনুষ্ঠিত কৰা হয়।

বিজ্ঞান ভিত্তিক বাৰ্ষিক প্ৰতিযোগিতাখনি মালৌআলি উচ্চতৰ মাধ্যমিক বিদ্যালয়ত ২২/১২/২০২১ তাৰিখে ২২ খন উচ্চতৰ ও উচ্চ মাধ্যমিক বিদ্যালয়ৰ ছাত্ৰ-ছাত্ৰীৰ উপস্থিতিত Model, Extempore Speech, Idea, Drawing প্ৰতিযোগিতা অনুষ্ঠিত হয়। দুপৰীয়া গণিত দিৱস আৰু Covid-19 ভাইৰাচজনিত ৰোগৰ সম্পৰ্কে বিস্তৃত ব্যাখ্যা আগবঢ়ায় NEISTৰ বিশিষ্ট বিজ্ঞানী ড° মনু ভূঞাই।

০৫/০৬/২০২২ তাৰিখে আৰ্যভট্ট বিজ্ঞান কেন্দ্ৰৰ সমীপৰ ৫ খন বিদ্যালয়ত বৃক্ষৰোপণ কাৰ্যসূচীৰ লগতে সৰুচৰাই ঘৰফলীয়া উচ্চ ইংৰাজী বিদ্যালয়ত কুইজ আৰু চিত্ৰাংকণ প্ৰতিযোগিতাৰ লগতে বিয়লি ২ বজাৰ আয়োজন কৰা এখনি আলোচনা সভাত 'Only one Earth' বিষয়ৰ ওপৰত কৃষি বিজ্ঞানী ড° বিপিন খৰ্গীয়া আৰু ড° প্ৰমোদ চন্দ্ৰ নেওগদেৱে বক্তব্য আগবঢ়ায়। স্বাধীনতাৰ অমৃত মহোৎসৱৰ উপলক্ষে বৃক্ষৰোপণ আৰু ছাত্ৰ-ছাত্ৰীৰ মাজত ৰচনা, চিত্ৰাংকণ প্ৰতিযোগিতা পতা হয়।

ইয়াৰ উপৰিও ২০২১-২০২২ বৰ্ষত আৰ্যভট্ট বিজ্ঞান কেন্দ্ৰ উত্তৰ-পশ্চিম যোৰহাট খণ্ডৰ পৰা খণ্ডৰ অধীনস্থ মালৌপথাৰ জাতীয় বিদ্যালয় আৰু ধনখুলৈৰ শঙ্কৰদেৱ শিশু নিকেতন – এই দুখন বিদ্যালয়লৈ দুটা অনুবীক্ষণ যন্ত্ৰ আগবঢ়োৱা হয়।

## Aryabhata Science Centre HAJO BLOCK, KAMRUP DISTRICT

যোৱা ইং ৫ জুন, ২০২১ তাৰিখে বিশ্ব পৰিবেশ দিৱস উপলক্ষে হাজো আৰ্যভট্ট বিজ্ঞানকেন্দ্ৰ আৰু সুৰেন দাস মহাবিদ্যালয়ৰ ভূগোল বিভাগৰ (LOCK DOWN ৰ বাবে শিক্ষানুষ্ঠান সমূহ বন্ধ থকা বাবে) সহযোগত Online চিত্ৰাংকণ প্ৰতিযোগিতা অনুষ্ঠিত কৰা হয়। হাজো শিক্ষাখণ্ডৰ অন্তৰ্গত শিক্ষানুষ্ঠানসমূহৰ পৰা প্ৰায় ৫০ গৰাকীমান ছাত্ৰ-ছাত্ৰীয়ে এই প্ৰতিযোগিতাত অংশগ্ৰহণ কৰে। প্ৰতিযোগিতাৰ ফলাফলসমূহ Online যোগে জানিবলৈ দিয়ে।

হাজো আৰ্যভট্ট বিজ্ঞান কেন্দ্ৰৰ উদ্যোগত হাজো সুৰেন দাস মহাবিদ্যালয়ৰ গণিত বিভাগৰ সহযোগত শ্ৰীনিবাস ৰামানুজন আয়েংগাৰৰ ১৩৪ তম জন্মদিনৰ সৈতে সংগতি ৰাখি যোৱা ২২ ডিচেম্বৰ, ২০২১ ত দিনজোৰা কাৰ্যসূচীৰে ৰাষ্ট্ৰীয় গণিত দিৱস উদযাপন কৰা হয়। এই দিৱসত অধ্যক্ষ ড° হিৰণ্য কুমাৰ শৰ্মাৰ সভাপতিত্বত অনুষ্ঠিত এখন সভাত মুখ্য অতিথিৰ আসন শুৱনি কৰে গুৱাহাটী বিশ্ববিদ্যালয়ৰ গণিত বিভাগৰ অৱসৰী মুৰব্বী অধ্যাপক তথা এমেৰিটাছ প্ৰফেছৰ ড° ভৱেন চন্দ্ৰ কলিতাই।

বিগত ৯ জানুৱাৰী, ২০২২ ইং তাৰিখ ৰবিবাৰে দিনযোৰা কাৰ্যসূচীৰে হাজো আৰ্যভট্ট বিজ্ঞান কেন্দ্ৰৰ উদ্যোগত বিজ্ঞান ভিত্তিত পোষ্টাৰ ড্ৰয়িং, আকস্মিক বক্তৃতা আৰু বিজ্ঞানৰ আৰ্হি প্ৰতিযোগিতা অনুষ্ঠিত হৈ যায়। বঁটা বিতৰণী সভাত হাজো সুৰেন দাস মহাবিদ্যালয়ৰ ভূগোল বিভাগৰ মুৰব্বী অধ্যাপক ড° জয়ন্ত কুমাৰ দাসে কয় যে, শিশুৰ জ্ঞান, বোধ আৰু কৌশলৰ পূৰ্ণ বিকাশ তেতিয়াহে সম্ভৱপৰ যেতিয়া শিশুৱে নিজ হাতে কামে কৰি অনুসন্ধান, বিশ্লেষণ আৰু সিদ্ধান্তৰ জৰিয়তে জ্ঞান আহৰণৰ সুযোগ পায়।



Pi ( $\pi$ ) দিৱসটো আন্তৰ্জাতিক গণিত দিৱস হিচাবে বিশ্বৰ বিভিন্ন দেশৰ লগত সঙ্গতি ৰাখি হাজো আৰ্যভট্ট বিজ্ঞান কেন্দ্ৰৰ হাজো বালক উচ্চ বুনীয়াদী বিদ্যালয়ত উদযাপন কৰা হয়। উদযাপনৰ আৰম্ভণিতে ৰাজীৱ বৰুৱাই ( $\pi$ ) দিৱসৰ তাৎপৰ্য্য ব্যাখ্যা কৰাৰ লগতে বিভিন্ন ছাত্ৰ-ছাত্ৰী সকলক ভাৰতবৰ্ষৰ গণিতজ্ঞসকলৰ লগত চিনাকী কৰি দিয়া হয়।

যোৱা ইং ২৮ ফেব্ৰুৱাৰী, ২০২২ তাৰিখে বিদ্যাৰ্থী চিনিয়ৰ ছেকেণ্ডাৰী স্কুল, হাজোত এক দিনজোৰা কাৰ্যসূচীৰে ভাৰতীয় পদাৰ্থ বিজ্ঞানী চি.ডি.ৰমন উদ্দেশ্যৰে ৰাষ্ট্ৰীয় বিজ্ঞান দিৱস উদযাপন কৰা হয়। সেই উপলক্ষে আয়োজিত বিশিষ্ট অতিথি হিচাপে থাকে হাজো উচ্চতৰ মাধ্যমিক বিদ্যালয়ৰ অৱসৰপ্ৰাপ্ত গণিত শিক্ষক শ্ৰীযুত ধনেশ্বৰ দাস দেৱ আৰু হাজো বালক উচ্চ বুনীয়াদী বিদ্যালয়ৰ ভাৰপ্ৰাপ্ত প্ৰধান শিক্ষক শ্ৰীযুত ৰাজীৱ বৰুৱাদেৱ।

## Aryabhata Science Centre MAJULI BLOCK , MAJULI DISTRICT

The Block Level Activities of Aryabhata Science Centre, Majuli Block was organized on 23rd December, 2021 at Sankardev Sishu Bidya Nikketan, Kamalabari, Majuli with a daylong programme. The programme was started with registration of participants from various schools within the block at 8.00-9.00am. The competitions like Science based Poster Making, Science based drawing Competition, Science based Idea Competition, Science based Extempore Speech were held in parallel mode. The prize distribution and valedictory session was started from afternoon 2.00pm- 3.00 pm. Prizes with Certificates to the winners of Model Making Competition, Idea Competition, Drawing Competition and Extempore speech Competition were distributed. The vote of thanks was delivered by Mr. Bikash Borah, Block Coordinator, Majuli Block Aryabhata Science Centre, Majuli, Assam.



### National Science Day, 2022

National Science Day-2022 was jointly organized by Aryabhata Science Centre, Majuli District on 28th February, 2022 at Deodiaati Sr. Basic School, Majuli.



### World Environment Day,2022

The World Environment Day was observed on 5th June 2022 at Sankardev Sishu Bidya Niketan Kamalabari District Majuli. A plantation drive was performed by teachers and students. Later Extempore Speech Competition was organised among students and prizes were distributed to the winners.

### 75th Independence day HAR GHAR TRINGA

On the occasion of 75th Independence day HAR GHAR TRINGA was celebrated on 12 August 2022 at Sankardev sishu Bidya Niketan, Kamalabari. An Essay competition was conducted among students and prizes were distributed among the winners.

### Cheif Minister Institutional Plantation programme

On the occasion of Cheif Minister Institutional Plantation programme (CIMPP) various indigenous species of plants planted at Majuli College, Jengerimukh College, Island Academy, VKV Majuli, Sankardev Sishu Bidya Niketan Kamalabari, Matrix Academy, CS Rawanapar HS Successfully.

## Aryabhata Science Centre TAPATTARY BLOCK BONGAIGAON DISTRICT

Aryabhata Science Centre, Tapattary Block organised National Science Day on 28th February 2022 at Tapattary High School. Integrated approach in S & T for sustainable future highlighting the Importance of National Science Day by the Coordinator and invitee Sri Seban Kr Ghosh, Retd. teacher.

World Environment Day-2022 on 5th June was observed at Lengtisinga H S School, "Only One Earth" In the campaign slogan with the focus on "Living Sustainably in Harmony with Nature".



Raj Mels were organised on removing of superstitions from our society by Aryabhata Science Centre and Gaon Panchayats. Amongst them, the first programme was organised at Lengtisinga GP. Office On 18-07-2022 where Presidents, Secretaries of Gaon Panchayats, Ward members, Social workers discussed about removal of superstitions beliefs associated with financial risk takings and gambling behaviours that have negative impact on well-being of people of the society.

ASC Tapattary Dev Block also organised 'Har Ghar Tiranga' awareness in present of District Coordinator ASC Bongaigaon at Radian Academy of Lengtisinga, Bongaigaon District

## Aryabhata Science Centre DIYUNGBRA BLOCK DIMA HASAO DISTRICT

ASC Diyungbra Block, Dima Hasao District organized the Block Level Science Based Competition on 19<sup>th</sup> Jan/2022 with day long colourful programme in the premises of Diyungbra Higher Secondary School. In that day 150 students participated in Science based Extempore Speech, Drawing, Model making and idea competition. In the presence of Head Masters, Teachers and about 450 students of various schools under Diyungbra Block, Social worker, Medical officer and guardians. The prizes and certificates were distributed by Mrs. Minu Daulagupu ASC president to the winner candidate of the competitions.

National Science Day programme was organized on 28<sup>th</sup> Feb/22 at Diyungbra Higher Secondary School with great number of students under Diyungbra Block. Many students took part on activities viz. Model making, Drawing, Quiz, Extempore Speech competition.

World Environment Day programme was organized on 6<sup>th</sup> June/22 at Diyungbra Higher Secondary School with numbers of students under Diyungbra Block.



Chotowashiling-2, Assam, India  
QW47+PP9, Diyungbra Higher Secondary School,  
Diyungbra, Dima Hasao, Assam 782448, India  
Lat 25.758282°  
Long 92.91488°  
19/07/22 11:59 AM

**Chief Minister institutional plantation programme** was organized on 17<sup>th</sup> July to 15<sup>th</sup> August/22 at Diyungbra Higher Secondary School in presence of numbers of students under Diyungbra Block.

**Har Ghar Tiranga** campaign celebrating 75<sup>th</sup> India Independence day programme was organized on 12<sup>th</sup> August/22 at Diyungbra Higher Secondary School under Diyungbra Block.

On 19<sup>th</sup> Sept., 2022, **Science seminar programme** was organized at Diyungbra Higher Secondary School where nos. of students under Diyungbra Block participated.

**Raj Mel, Manuhe Manuhor Babe** programme were held at 18th Different villages of the block Viz, Chotowashilling 1, Chotowashilling 3, Rajbari, Baraima, Desmao2, Washingti, Langrimukh, Digandu, Digandu 4, Borolangpher, Phonglodisa, Hazawari, Chotowashilling2 during 17-9-22 to 17-10-22. Further, with great support of common people in each village, we took the awareness programme against superstitious beliefs such as Witch hunting, Snake bite, Black magic through rallies, banner, poster, leaflet campaigning.

## Aryabhata Science Centre BECHIMARI BLOCK, DARRANG DISTRICT

Aryabhata Science Centre, Bechimari Block of Darrang District organised the Block Level Science based Poster Drawing, Model Making, Extempore Speech and Idea Competitions at Bechimari Girls M.E Madrasa on 05-01-22. A total nos. of 129 Competitors, 14 Guide Teachers, and about 250 Students of various Schools participated in the Programme. Later, 15 Competitors were selected for District Level Competition held on 09-05-2022 at Youth Club, Mangaldai where 2 participants were selected for State Level Competition.

The Centre observed **World Environment Day** on 05-06-2022 held at Sankardev Jatiya Vidyalaya of Bechimari Block held the Inaugural programme of Awareness of CMIPP at Bechimari H.S School on 30-07-2022.

Eight Nos. **RAJ MEL** were held in 8 different Gaon Panchayats under Bechimari Dev. Block.

The Block also participated in the State Meet of Aryabhata Science Centres from 7<sup>th</sup> to 9<sup>th</sup> Sept., 2022 held at IIT Guwahati.

The **World OZONE Day** was observed on 16<sup>th</sup> Sept, 2022 at Bechimari H.S. School. A total of 81 nos students of different schools from our Block have participated in the programme World OZONE DAY.

Further, the Students and teachers from Bechimari Block also participated in the "MUKHYA MANTRIR BIGYAN DARSHAN" Programme on the 5<sup>th</sup> of November'22 and visited the Planetarium and Regional Science Centre, Guwahati.



# A Study on Participation of Students, Teachers and Common People in the Field of Science and Technology through Aryabhata Science Centres 2008-2022.

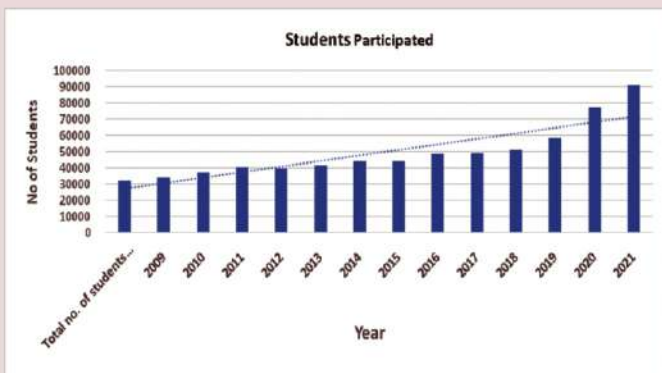
Mrs. Divyakanta  
Project Scientist, ASTEC

A study was conducted by ASTE council to analyse the participation of students, teachers and common people in the field of science and technology through the Aryabhata Science Centres. The objective of this study was to try and formulate a plan for the improvement of the teaching and learning of Science and Technology at the school level in Assam, based on an assesment of its present status from the time of inception of the Aryabhata Science Centers. With reference to the above objective, questionnaires were prepared and distributed among all the Block coordinators and District coordinators of the Aryabhata Science Centers. Primary data was collected from 34 districts and 219 Blocks. The study was conducted from the year 2008 to 2022 by the Science and Technology Division of ASTE Council.

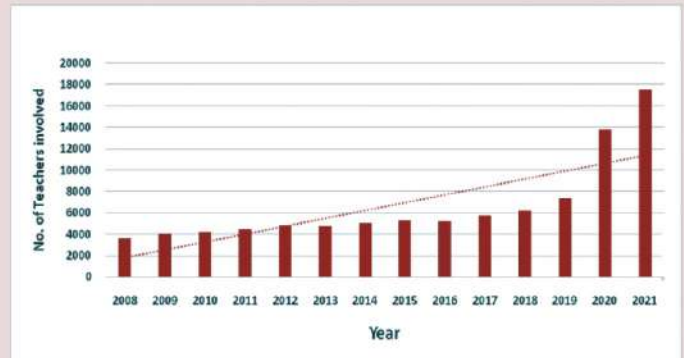
The chart below shows the participation of students, teachers and common people in different blocks of Assam. All the data collected from every block was added up with respect to the year and accordingly the result was plotted against the year.

This analysis was done on the basis of the information sheets provided to the Block Coordinator and District Coordinators. The respective block coordinators and district coordinators furnished all the details in the information sheets and provided us the data which was later used to make this analysis

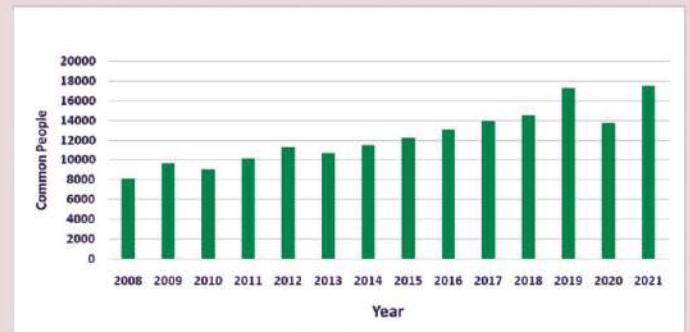
## TOTAL NO. OF STUDENTS INVOLVED



## TOTAL NO. OF TEACHERS INVOLVED



## TOTAL NO. OF COMMON PEOPLE PARTICIPATED



From the Bar Charts above it is seen that there is a continuous rise in the participation of students, teachers and common people involved in the block level competitions held by the Aryabhata Science Centres situated in all the blocks. It is seen that the participation of students from the year 2008 to 2022 almost doubled from 32,707 to that of 91,014. Similarly, involvement of teachers and common people from the year 2008 to 2022 increased from 3,591 to 17,546 and 8,135 to 17,487 respectively. It is observed that there is a sudden rise in participation of students and teachers in the year 2019 as there was an awareness program "RaijMel" that was organized by the council which is to eradicate superstition from the society. It can also be seen that there is some deviation of the variables from the trend line in some particular years but it is evident from the charts that every year there is a rise in the participation of students, teachers and common people.

# REPORT ON STATE MEET OF ARYABHATTA SCIENCE CENTRE HELD ON 7<sup>TH</sup> -9<sup>TH</sup> SEPTEMBER 2022 AT IIT GUWAHATI

**Mrs. Dipika Deori**  
JSO, S&T Division, ASTEC.

Assam Science Technology & Environment (ASTE) Council organized 'State Meet of Aryabhata Science Centre' from 7-9 September 2022 at Indian Institute of Technology (IIT) Guwahati, North Guwahati, Kamrup, Assam. The inaugural function held on 7<sup>th</sup> September 2022 at the Bhupen Hazarika Auditorium, IIT Guwahati. The chief guest for the function was Shri Keshab Mahanta, Hon'ble Minister of Science Technology and Climate Change Dept. Govt. of Assam and other dignitaries were Smt. Keerthi Jalli, IAS, Deputy Commissioner, Kamrup, Prof. T. Punniyamurthy, Dean, Faculty Affairs, IIT Guwahati, Prof. Parameswar K. Iyer, Dean, Public Relations, Branding and Ranking, IIT Guwahati and Smt. Laya Madduri IAS, Secretary to the Govt. of Assam, Science Technology and Climate Change Dept. Govt. of Assam.

The Hon'ble Minister distributed DLP Projectors, Portable Sound Systems and a book on Herbal Medicine to the coordinators of Aryabhata Science Centres. The 'Best Aryabhata Science Centre- 2021' awarded to Aryabhata Science Centre, Dhemaji Block with a memento and cash prize of Rupees Ten thousand only. Participation covered more than 600 participants which included students, guide teachers, coordinators including other guests and officials.

The three day state level function consisted of different displays and competition. The competitions

included Extempore Speech, Poster drawing competition, Idea competition and Science & Technology Model cum Exhibition. Moreover, the programme also included Robotics Activities, Learning Science through Experiment, visit to Design Department, IIT Guwahati & Biotech Park, Amingaon and Scientist-Students Interaction programme. In the Scientist-Students Interaction programme the Resource Persons were Dr. Arup Kumar Sarma, Professor, Dept. of Civil Engineering, IIT Guwahati, Dr. Anupam Saikia, Professor, Dept. of Mathematics, IIT Guwahati and Dr. Debasish Borah, Associate Professor, IIT Guwahati.

However, apart from student centric activities some other programmes were also organised viz. Exhibition Technology Developed by Innovators of the state, Discussion regarding Jal Jeevan Mission and Discussion regarding activities of Aryabhata Science Centres with the coordinators.

Valedictory session was held on 9<sup>th</sup> September 2022. The Guests present were Shri Gunamoni Das, Deputy Registrar, Outreach Education Programme, IIT Guwahati and Prof. A.K Das, Design Dept. IIT Guwahati and Director, IIIT, Imphal. Smt. Kimnei Changsan, ACS, Director, ASTE Council addressed the gathering and later, the prizes were distributed among winners of various competitions in the Prize distribution ceremony.

The details of prize winners of respective competitions are as follows:

## (A) POSTER DRAWING COMPETITION

Sl. No.	Name of the student	School Name	District	Position
1	Prasee Boro	K.V.A.F.S Digaru, Sonapur	Kamrup Metro	First (Rs.10,000/-)
2	Pallab Jyoti Medhi	Kurabahi H.S School, West Golaghat	Golaghat	Second (Rs.7,000/-)
3	Bikarna Talukdar	Barbhag College, Barbhag	Nalbari	Third (Rs.5,000/-)
4	Supriya Dey Sarkar	Gossaigaon Girls High School	Kokrajhar	Consolation
5	Sharodi Konwar	Jorkata High School, Machkhowa	Dhemaji	Consolation

## (B) IDEA COMPETITION

Sl. No.	Name of the student	School Name	District	Position
1	Abhigyan Tiwari	Little Stars Sr. Secondary School, Margherita	Tinsukia	First (Rs.10,000/-)
2	Lupamudra Gogoi	Jawahar Navodaya Vidyalaya, Titabor	Jorhat	Second (Rs.7,000/-)
3	Gourangi Gogoi	Ghilamara H.S. School, Ghilamara	Lakhimpur	Third (Rs. 5,000/-)
4	Pronoy Mahanta	Morning Star High School, Chaiduar	Biswanath	Consolation
5	Palash Jyoti Regon	Sankerdev Sishu Bidya Niketan, Majuli	Majuli	Consolation

### (C) EXTEMPORE SPEECH COMPETITION

Sl. No.	Name of the student	School Name	District	Position
1	HridamThakuria	SankerdevSishuVidyaNiketan, Dhekiajuli	Sonitpur	First (Rs.10,000/-)
2	Hirak Jyoti Tamuli	B.C.S.S.N Sarthebari, Sarukhetri	Bajali	Second (Rs.7,000/-)
3	Shazida Parbin Mazumdar	BadarpurVidyamandir	Karimganj	Third (Rs.5,000/-)
4	Swati Kiran Gogoi	St. Xaviers H.S. School, Tengakhat	Dibrugarh	Consolation
5	Anwasha Kaushik	Dandadhar Girls High School	Golaghat	Consolation
6	Manob Jyoti Gogoi	Cinnamora High School, Baghchung	Jorhat	Consolation
7	Jagat Jyoti Dutta	Narsing H.S. School, Silchar	Cachar	Consolation

### (D) MODEL MAKING COMPETITION

Sl. No.	Name of the student	School Name	District	Position
1	Junjyoti Ray Dipannita Ray	Manikpur H.S School, Manikpur, Little Flower School, Manikpur	Bongaigaon	First (Rs. 20,000/-)
2	Angshuman Das Brindaban Kalita	Salmara High School Salmara High School	Majuli	Second (Rs.15,000/-)
3	Shaswati Shivam	Pioneer Academy, Puthimari	Kamrup	Third (Rs.10,000/-)
4	Mousam Gogoi Kunal Gogoi	St. Xavier's H.S. School, Duliajan St. Xavier's H.S. School, Duliajan	Dibrugarh	Consolation
5	Sanghita Boruah Labanya Gogoi	JatiyaVidyalaya, Kakopathar Sarbojonin High School, Dirak	Tinsukia	Consolation
6	Hiya Moni Roy Gita Moni Roy	Baldiabathan High School, Dotma Baldiabathan High School, Dotma	Kokrajhar	Consolation
7	Tanushree Dey Abhigota Das	Schemeo English School, Balijana Schemeo English School, Balijana	Goalpara	Consolation

## A few moments of STATE MEET OF ARYABHATTA SCIENCE CENTRE during 7th -9th September, 2022 at IIT, Guwahati



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