



**Monthly Report
of
Innovation Hub
Arunachal Pradesh Science Centre
for January 2020**

Submitted to:

**Innovation Cell
National Council of Science Museums
Ministry of Culture, Govt. of India
33, BLOCK-GN, SECTOR-5
Bidhan Nagar, Kolkata, 700091**



Submitted by:

**Arunachal Pradesh Science Centre
A.P State Council for Science &
Technology
Department of Science & Technology
Government of Arunachal Pradesh
IG – Park, Itanagar - 791111**

Monitoring Plan for Innovation Hub

“LEGO EV3 ROBOTICS COMPETITION”

7th January, 2020: LEGO EV3 Robotic competition was organized on Tuesday by Innovation Hub of Arunachal Pradesh Science Centre under the supervision of Director cum Member Secretary of Arunachal Pradesh State Council for Science and Technology Shri C D Mungyak and Shri Vivek Kumar Curator Arunachal Pradesh Science Centre Arunachal Pradesh to promote innovation, creativity, and engagement in science & technology.

A total of ten participants took part in the competition from different school of the Capital Complex beside two students - Nang Lothina Choupoo and Nang Anuja Namchoom from Namsai district who were selected during awareness program on robotics Track for school level among 100 schools of apparitional Namsai.

The event was organized with an aim to create awareness in robotics, artificial intelligence, concept of programming and to promote innovation, creativity and engagement in science and technology.

The activities included Robotic Sumo Wrestling and Follow the track (Robo Maze).

The winners of the competition would participate in Regional Level Robotic Competition to be held at Regional Science Centre Guwahati on 21st January 2020.



Participation

Sl No.	Name	School	Class
1	Kakam Bagang	GOVT MS Nitivihar	8
2	Mohan Dutta	GOVT MS NitiVihar	8
3	Sanjib Basumatary	GOVT MS NitiVihar	8
4	Diganto Kaman	Guardian Angel School	9
5	Gedam Gamkak	GOVT SS P Sector	9
6	Nabam Tata	GHSS ESS Sector	9
7	Manunjit Borgohain	K.V No.2	8
8	Mige Ori	GOVT MS NitiVihar	7
9	Nang Lothini Chowpoo	GHSS Namsai	9
10	Nang Anuja namchoom	GHSS Chogkham	9

Media coverage:

ARUNACHAL FRONT
ARUNACHAL/NORTHEAST/NATION

IMC: DC Capital

...said and urged all officers to put forward all necessary proposal for the garbage to the trucks and do not throw it here and there which may be sources of several disease.

...also discussed various issues like salary of workers and IMC through power point presentation. He also highlighted the problem in lifting of garbage and other issues facing the IMC for last few months.

Naharlagun EAC Ashok Tajo, Itanagar CO Lakha Radh, Binu Kri, Neelam Tajo, Sub-division officer of various sections of IMC among other officers of Capital DC office were present on the

Robotic competition organized

By Our Reporter
ITANAGAR, Jan 07: LEGO EV3 Robotic Competition was organized today by Innovation Hub, Arunachal Pradesh Science Centre, A.P. State Council for Science & Technology under the supervision of C. D. Mungyak, Director cum Member Secretary, A.P. State Council for Science & Technology, Itanagar.

Total 10 participants took part in the competition from different schools of capital complex and two students Nang Lothini Chowpoo and Nang Anuja Namchoom from Namsai district were selected during awareness program on robotics for school level in 100 schools of Aspirational District Namsai (Supported by DST, Govt New Delhi). The event was organised with an aim to create awareness in robotics, artificial intelligence, concept of programming and to promote innovation, creativity and engagement in science & technology. The activities were Robotic Sumo Wrestling and Follow the Track (Robo Maze).

The winners of the competition will participate in Regional level Robotic Competition going to be held at Regional Science Centre, Guwahati during 21st to 22nd January. The details are: Nang Lothini Chowpoo, Class IX from Govt. Higher Secondary School Namsai, Nang Anuja Namchoom, Class IX from Govt. Higher Secondary School Chogkham, Gedam Gamkak, Class IX from Govt. Higher Secondary School P-Sector, Itanagar, and Diganto Kaman, Class IX from Guardian Angel Residential School, Itanagar.

SPECIAL TRAIN FROM DHANAGAR TO SICHAR (ONE WAY)
It has been decided to run One Special Train No. 05946 (one way) from Dhanagar to Sihar to clear with rail of passenger on order.

Figures of 3-35. by Joe Root, who placed

Robotics competition held



ITANAGAR, Jan 7: With an aim to create awareness on robotics, artificial intelligence, concept of programming and to promote innovation, creativity and engagement in science & technology, LEGO EV3 robotics competition was organized by Innovation Hub, Arunachal Pradesh Science Centre, IG Park here on Tuesday.

A total of 10 participants from different schools of Capital Complex and two students from the Aspirational district, Namsai (who were selected during a recent school level awareness program on robotics in 100 schools) took part in the competition. The activities were Robotic Sumo Wrestling and Follow the Track (Robo Maze).

The winners of the competition will participate in Regional level Robotic Competition going to be held at Regional Science Centre, Guwahati during 21st to 22nd January. The details are: Nang Lothini Chowpoo and Nang Anuja Namchoom (both from Namsai district), and Gedam Gamkak & Diganto Kaman from Itanagar - will participate in the regional level robotic competition, to be held at Regional Science Centre, Guwahati on January 21-22 next.

Today's event was organized under the supervision of CD Mungyak, Director cum Member Secretary, AP State Council for Science & Technology, Dept of Science & Technology, GoAP.

after the Liberation War of

LEGO EV3 selects state winners for Regional Robotics competition

ITANAGAR, Jan 7: The LEGO EV3 Robotic Competition was organized today here at the Innovation Hub of Arunachal Pradesh Science Centre, APSCS&T, Department of Science & Technology.

A total of 10 participants from different schools of Capital Complex took part in the competition along with two students Nang Lothini Chowpoo and Nang Anuja Namchoom from Namsai district who were selected during the DST Gol supported awareness programme on robotics for school level children in 100 schools among the country's Aspirational Districts. The event was organised under the supervision of Director cum Member Secretary, APSCS&T C. D. Mungyak with an aim to create awareness in robotics, artificial intelligence, concept of programming and to promote innovation, creativity and engagement in science & technology among school children. The activities during the competition were Robotic Sumo Wrestling and Follow the Track (Robo Maze).

8 State/Sports

Robotic competition organised

ITANAGAR, Jan 07: LEGO EV3 Robotic Competition was organized on Tuesday by Innovation Hub of Arunachal Pradesh Science Centre under the supervision of director cum member secretary of Arunachal Pradesh State Council for Science & Technology C.D. Mungyak.

A total of ten participants took part in the competition from different school of the Capital Complex besides two students - Nang Lothini Chowpoo and Nang Anuja Namchoom from Namsai district who were selected during awareness program on robotics for school level among 100 schools of aspirational district Namsai.

The event was organised with an aim to create awareness in robotics, artificial intelligence, concept of programming and to promote innovation, creativity and engagement in science & technology. The activities included Robotic Sumo Wrestling and Follow the Track (Robo Maze).

The winners of the competition would participate in regional level robotic competition to be held at Regional Science Centre Guwahati on January 21 and 22 next.

We are on track for T20 World Cup, says Kohli



INDORE, Jan 07: India captain Virat Kohli on Tuesday said that his side has 'game-ready' players but they need to identify the ones who can handle pressure situations.

"T20 is something we don't have any problems in picking players," said Kohli, on the eve of the first Twenty20 International against Sri Lanka in Guwahati last Saturday.

"Because you have the

Serena powers past Giorgi for first win of 2020



AUCKLAND, Jan 07: Serena Williams found her power game after a sluggish start as she overcame qualifier Camila Giorgi to open her 2020 season with a straight-sets victory at the Auckland WTA Classic on Tuesday.

With an eye on the Australian Open later in the month, the 35-year-old worked her way into a blis-

“NE ZONAL LEVEL ROBOTIC OLYMPIAD” at GUWAHATI

21th January and 22nd January, 2020: North East ZONAL LEVEL ROBOTIC OLYMPIAD was organized on 21th January and 22nd January, 2020 by Innovation Hub Regional Science Centre Khanapara, Guwahati under the supervision of Shri Manash Deka (Mentor), Smt. Jyotismita Mishra (Mentor) and Shri Ramendra Medhi (Education Officer) Regional Science Centre Guwahati to promote innovation, creativity, and engagement in Science & Technology.

The challenge is to make a robot that helps you to identify bio-degradable and non-bio-degradable materials in your museum. The bio-degradable material will be depicted by a certain colours and non-bio-degradable materials by a single colour. In the task four different colours will be used. Yellow, Blue and Green colours will represent Biodegradable materials and Red colour will represent non-biodegradable materials.

The winner of the Olympiad with 3rd Prize:

Nang Lothine Chowpoo	Govt Higher Secondary School, Namsai
Nang Anuja Namchoom	Govt Higher Secondary School, Chogkham





Participation

SI No.	Name	School	Class
1	Diganto Kaman	Guardian Angel School	9
2	Gedam Gamkak	Govt. SS P Sector	9
3	Nang Lothine Chowpoo	GHSS Namsai	9
4	Nang Anuja namchoom	GHSS Chogkham	9

“STATE LEVEL INNOVATION FESTIVAL”

25th January and 26th January, 2020: STATE LEVEL INNOVATION FESTIVAL two-day long Innovation Festival 2020 organized by A.P. State Council for Science & Technology, Department of Science & Technology on 25th January and 26th January 2020 with partnership with National Innovation Foundation was inaugurated at science centre, IG Park by Science & Technology Secretary Shri Ameya A Abhayankar and Director cum Member Secretary Shri C D Mungyak.

A total number of 55 participants from NERIST, NIT Yupia, and students from VKV Chimpu, Govt. Secondary School, P Sector, Itanagar, Govt. Secondary School Police colony Itanagar, VKV Ziro, Holy Cross School Itanagar, JNV Goju, VKV Tatiagram, VKV Tezu, VKV NEEPCO-Yazali, GIS Dari, and schools from different part of state, Grassroots Innovators, Artesian and Entrepreneurs from Arunachal Pradesh and Assam.

All the participants have shown their satisfaction in respect of the content, delivery and presentations of the topics covered during the program. The two day program witnessed interaction session, technical session and discussion among the innovators and motivation especially in all the educational institutions.

Manak State Level Event was also organized where students stressed upon the use and port to the motivated in the years to come, more innovators would forward to display their creativity and innovations at such events. Arunachal Pradesh Science and Technology Council plans to take such events in different parts of the states and invites all innovators, craftsmen and artisans to come forward and share their work with the council, which will then take it forward appropriately of this festival to provide privately a common platform for grassroots innovators, students, artisans, and entrepreneur from the state to exchange their innovation related activities and Ideas.

The Innovation Festival was comprising of:

- A) Innovation Fair (Innovators)
- B) Student/Teachers Corner
- C) Make it at Science Centre: a) Art b) Sculpture c) Build from Scrap
- D) Robotic Show
- E) Innovative Challenges
- F) Family Science Quiz
- G) Student Science Quiz
- H) Popular Science lecture on “Opportunities in the field of Biotechnology”.
By Dr. Bula Chaudhury, Senior Scientist in Guwahati Biotech Park.
- I) Workshop on Intellectual Property Right. by Dr. Sanjeev Majumdar,
Manager, Department of Scientific & Industrial Research, New Delhi.
- J) Idea Contest



List of Prize Winner:

Mr. Rinchin Norbu Granchidar	Shergaon, West Kemeng	(Traditional artifacts and handicrafts)
Mr. HA Tade	NERIST	(Vehicle Data Recording)
Mr. Avang Wangsu	NIT, Yupia	(Water to Electricity)
Mr. Katit Modi	NIT, Yupia	(Multi detector device)
Porbin Ronya	Aalo	(Handicrafts & Artifacts)

List of Participants:

Name	Institution	Email
Mr. Abdul Hamid Khan Mr. Seraj Ali	Government Secondary School, P Sector, Itanagar	(Light Fidelity)
Mr. Tanyang Tangu Mr. Lukyu Chinyo Mr. Nehal Borgohain	Government Secondary School, Police Colony, Itanagar	(Accident Prevention Road Safety)
Mr. Sachin Kumar Mr. Ansh Chaturvedi	Government Secondary School, P Sector, Itanagar	(Earthquake Alarm)
Mr. Nalo Nalo	VKV, Chimpu	(Traffic Hat)
Mr. Yukar Nana	VKV, Ziro	(Electricity Connection Warner)
Mr. Joram Tatum	VKV, Ziro	(Improved Position for Concentration)
Mr. HA Tade	NERIST	(Vehicle Data Recording)
Mr. Avang Wangsu	NIT, Yupia	(Water to Electricity)
Mr. Katit Modi	NIT, Yupia	(Multi detector device)
Mr. Rinchin Norbu Granchidar	Shergaon, West Kemeng	(Traditional artifacts and handicrafts) 1) Lo Khor Chungni (Mask) Jiwa, Lang, Tak, Yosh, Brug, Pha 2) Wooden Cup Plate & Tray 3) Bamboo Cup 4) Bamboo Bow & Arrow 5) Horn Cup 6) Noodle Maker 7) Spice Grinder 8) Oil Refiner 9) Balance 10) Leather Shoe 11) Lo Khor Chungni (Mask) Brui, Tai, Lug, Kriu, Jah, Khee,
Shri Liagi Baht	Ziro	

Dr. Temin Payum	Pasighat	(Ecofriendly home and care products) 1) Herbal Soap 2) Dish Washing Bar 3) Body Wash 4) Face Wash 5) Face Pack 6) Charcoal Soap 7) Hair Oil 8) Shampoo 9) Moisturizer 10) Antiseptic Lotion
Shri Bhabesh Das	Assam	(Solar Based mobile sprayer)
Shri Lahar Jyoti Das	Assam	(Smart Dustbin)
NDRF		(National Disaster Management Response Team)
Miss. Pill Yoyum	Yazali	(Nature Boon Herbal soap and skin care) 1) Glycerin Soap (Neem, Licorice) 2) Orange Peel Powder 3) Body Scrub (Pink Salt) 4) Body Scrub (Coffee) 5) Epsom Salt Body Soaks 6) Body Butter 7) Infused Oil 8) Glycerin Soap (Ange, Oatmeal)
Mr. Biswajit Mitra	Lohit	(Water Converter)
Mr. Aman Yadav	NIOS	(Deep learning for medical image and classification)
Heri Riza, Ezabella Doso, Dolang Missika	Holy Cross Higher Secondary School	
Ananya Ketti	Holy Cross Higher Secondary School	
Anzela Duia, Takhe Kaku	Holy Cross Higher Secondary School	
Aditya Kumar Tripathi	Holy Cross Higher Secondary School	
Rishi Baruah	Holy Cross Higher Secondary School	
Tannu Kino, Deter Boje, Jaya Pinda, Kipa Sai	Holy Cross Higher Secondary School	
Christina Koyu, Pura Kapio, Jyoti Samchung, Naomi Jugli	Holy Cross Higher Secondary School	
Khomhun Khomrang	J. N .V Goju	(Bottel Water heater)
Adam Wanghu	J. N .V Goju	(Fist Aid Atm)
Gegur Paloh	J. N .V Goju	(Wash Basin Cum Flush tank)
Km. Lipika Thalai	V.K.V,School Tafragam	(Mirror in turning)

Km. Bombina Bam	V.K.V,School Tafragam	(Modified solar cooker)
Sanjiv Kr Behera	VKV, Tezu	(Vaccum Cleaner)
Techi Nancy	V.K.V, NEEPCO, Yazali	(Umbrella Bag)
Karge Basar	Govt. Higher Secondary School	(Eco Friendly Home)
Porbin Ronya	Aalo	(Handicrafts & Artifacts) 1) Tortoise key chain and Book mark 2) He & She Bunny 3) Crochet Doll 4) Doremon 5) Bunny Curtain Tieups 6) Toothless the Dragon 7) Crochet Cactus 8) Pikachu 9) Captain America 10) Wonder Woman 11) Arunasol Man 12) Hulk 13) Long Ear Bunny 14) Sponge Bob 15) Garfield 16) Giraffe 17) Lion 18) Bear 19) Spiderman 20) Santa clause 21) Horn Bunny 22) Snowman 23) Elsa and Anna

New Members:

ID	Student Name	Date of Birth	Gender	School/College	Class	Phone Number
APSC/IH-0029	Kirtan Konwar	04/07/1998	M	NERIST	Engineering (Final Year)	8794436845
APSC/IH-0030	Charu Jagu	02/02/2000	M	Govt Polytechnic, Itanagar	Diploma	7085220364

Individual membership	30
Institutional membership	03

Visitors State Level Innovation Festival (Free): 5000

Free Visitors During Robotics Competition (Free): 400

Cumulative total visitor:6732