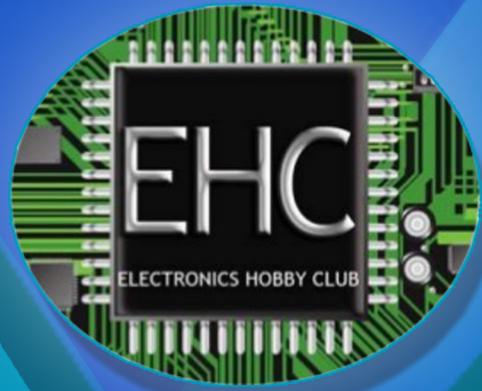


TECHNOLOGY
BASED
INNOVATION



ELECTRONICS HOBBY CLUB

...innovate to implement

NEWSLETTER
JANUARY 2019



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Hello Readers!

An inquisitive and impatient as you are to flip the pages, take a minute or two to know the energetic, enthusiastic team, who , with their astounding creativity and knowledge, left no stone unturned to achieve perfection to the tee with an eye for every minuscule detail. With them at the helm you can be assured of a wonderful and an enjoyable read!

Faculty Coordinator

Mr. Rajesh Kumar Dash, Associate Professor, ECE

Technical Helping Hands

Mr. Sujeet Kumar & Mr. Srinivas

Editors- Rishu Jha & Abhishek Kumar

Designers- Sandesh Kumar & Atul Raj

About EHC

The Electronics Hobby Club is a group that aims to teach and help people understand the seemingly incomprehensible electronic gadgets in the world today, and also assists people in developing their own devices. The mission of the club is to expose students to challenges and new technologies in the field of electronics and thus to nurture and develop their skill set in this arena. To this end, various lectures ,workshops,projects as well as competitions throughout the year concerning both analog as well as digital electronics keep the calender busy and the participants, learning.

MESSAGE CORNER

DR. AJIT KUMAR PANDA Principle

We take charge of implementing strategies, regulations and systems to guarantee that studies are regulated in a safe conventional indiscriminate learning environment that meets the endorsed curricular and mission of the foundation.



MR. M. SURESH Course Coordinator

We aim to cater the various needs that are primal to be addressed to keep in pace with the ever field of technology which helps students not only in their studies but also in their career.



MR. RAJESH KUMAR DASH Faculty Advisor

We strive to teach and help students acquire new skills in an era of rapidly evolving technology and believe in coming up with project that are innovative and tackle real life problems.



DR. SATYA SOPAN MAHATO H.O.D., ECE

We aim to provide students a platform and resources to gain practical skills and realize projects in the field of electronics and thus to nurture and develop their skills. set



EVENTS ORGANISED

Orientation day

For 1st year students on 06/08/2018, a display of projects was organized where the students were inspired and enlightened about the various electronic day-to-day life projects and motivated by the club members for their future endeavors at NIST. The guests and the students participated in the event with great enthusiasm.



Electrokriti 10.0

Three days workshop on “Basic Electronics” was organized from 03/ 09/2018 to 05/09/2018 .The workshop was focused on basic electronic components.Training on soldering techniques and hands on various hardware projects were given to the participants. The workshop was successful with participation of over 90 students.

Prayog, Jajpur

A two day workshop on 15-16 September, was conducted at PRAYAS CLASSES,Jajpur by team EHC. The aim of the workshop was to inspire the young minds towards technology and innovation. The main focus was on basic electronic components like resistors, capacitors, diodes, transistors and their working in real life. The participants were provided with breadboards and other components. There was a participation of more than 150 students. The workshop concluded with motivational speeches by Chairman of Prayas Classes, Mr Rajesh Kumar Dash, followed by Ashutosh Mohanty an employee of XILINX .



Electrokriti 10.1

Three days workshop on “ Micro controllers” was organized in the month of January. The workshop was focused on controllers,motors,switches. Training kits were distributed to the participants and hands on sensor interfacing was taught.The main objective of the workshop was to enlighten the students about the various sensors and controllers interfacing using Eduino.



Electrokriti 11.0

One day workshop on “Basic Electronics” was organized to the selected students from the preliminary. The main focus of the workshop was to illuminate the students about basic electronic components,their usage and their applications.The participants were provided with breadboards and components and some of the hardware projects were discussed. The workshop was very useful to the students as it reflected the practical applications of their knowledge of components.

DST Science Camp

Innovation In Science Pursuit For Inspired Research”(INSPIRE) camp was organised from 29-01-2019 to 02-02-2019. The students were shown various projects and were illuminated towards the study of science at an early age. This ensured to generate human resources in the form of well qualified researchers,technicians,entrepreneurs.



Alumni Talks

Abhijeet

Pattnaik, student of 2012- 2016 batch, attributed his success to the quality education imparted at NIST and also the excellent atmosphere and the exposure the institute gave him during his years of study. Mr Pattnaik, like many other distinguished students of NIST, who have excelled in their respective areas, says helped him tremendously in shaping his personality.



S. Sachin Kumar, student of 2013-2017 batch, currently pursuing Masters in NCTU Taiwan, guided students about various research and developments in the field of electronics and motivated towards the future advancements.



Monthly Projects

ELECTROCRAZE 5.1

The students were given to make an electronic device which on switching must effectively display a random dice number.

ELECTROCRAZE 5.2

The students were given to make a washing machine circuit which on setting a timer should rotate the motor in both the directions having equal number of turns.

Ongoing Projects

1) Inaugural lamp automation

Mentor: Rajesh Kumar Dash

Here in a electro earthen lamp works on IR system which is controlled by a remote, this is to be used for inauguration events, as it brings electrical innovation to visuality.

2) SmartBell Project for Institutes

Mentor: Rajesh Kumar Dash

Wireless bell system which will be installed in the whole campus and can be controlled by an administrator.

Achievements

Arbind Kumar Mahto of 2014 batch has been offered a scholarship to pursue Masters in Electrical Engineering and Computer Science at National Chiao Tung University, Hsinchu, Taiwan.



Roshni Kumari of final year has successfully achieved the course of Japan Asia Youth Exchange Program in Science, administered by Japan Science and Technology Agency.



Yash Rathod of final year has won the Odisha Smart Hackathon 2018-19 organised by BPUT. He along with his team were offered an office and 5 lakh capital for the startup.



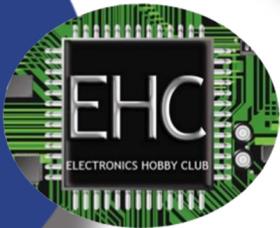
Farewell Celebrations

Farewell was given to the 2014-2018 batch students from juniors of the club in the month of June. The event began with a welcome address by Dr. P. Palash Das, who encouraged the outgoing students to maintain touch with their faculties. The address was followed by memento presentation to the final year students. The day experienced a series of thoughtfully crafted acts by the students. The event proved to be a memorable time for the outgoing students.



Thank you

AN EHC NEWS LETTER



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ELECTRONICS HOBBY CLUB



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