

COURSE OFFERED:

- B TECH : 60
- M TECH : 18

STUDENT DETAILS:

Year	No
4 th	65
3 rd	36
2 nd	59
1 st	9

FINAL YEAR PROJECTS

Total 13 number of projects were submitted by the final year students out of which the best and average projects are

BEST PROJECTS

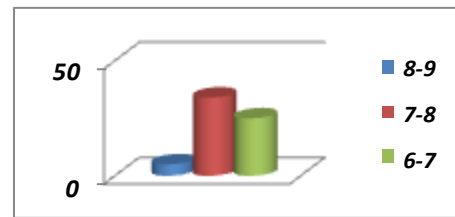
- Performance Analysis Of CDMA & Multi-carrier CDMA Using Different Modulation Scheme With Channel Impairment.
- Embedded System For Object Detection, Human Detection, Temperature Monitoring Using GSM Technique.

AVERAGE PROJECTS

- Microcontroller Based Automatic Water Motor Control.
- Auto Intensity Control Of Street Lights & Time Control Of Traffic Light Based On Traffic Density

TOP THREE STUDENTS

- Sweta Snehi* CGPA : 8.86
 - Arpita Panda CGPA : 8.17
 - Saswati Soumya Rout CGPA : 8.14
- *Sweta Snehi was the college Topper for 2014 graduating batch of EAST



STUDENTS QUALIFYING GATE-2014

- Prasannajit Behera Score : 264
- Sweta Snehi Score : 390
- Kishan Choudhury Score : 399

OUR REQUITERS



Upcoming Events

- Workshop on "Application of P-Spice in Telecommunication Engineering"
- Seminar on "Writing Technical Papers"
- Poster Presentation
- Paper Presentation
- Electrovative (Quiz Competition)
- Electromania (Circuit Design)

FROM THE DESK OF EDITORS:

Greetings! Through this newsletter I had the opportunity to reflect our departmental activities carried out in last semester.

**Coming together is a beginning
Keeping together is progress
Working together is success
- Henry Ford**

We are delighted to stay connected with you through this Newsletter 2013-14 which contains the details about the activities carried out in the last semester. At the same time we wish to share with you a few pertinent facts with The demands for sustainable development have become the need of the hour necessitating the introduction of innovative engineering talent and leadership skills in myriad fields because what worked in the past is not going to guarantee success in the present; hence engineers of today require a different set of arrows in their quivers. Department of E&TC is trying to improve Industry-Institute collaboration through MoU's with companies like BSNL. What better way is there to do so than through engineering which entails creation and innovation in the physical world? It is said that creativity is thinking up new things and innovation is doing new things. Let the latent fire in the heart of every engineer acquire wings and the glory of this great country light up the sky for which we wholeheartedly seek your continuous support and constant encouragement. I wish you success in your forthcoming endeavors.

**Prof. Sangita Swain
Prof. Swagatika Dash**

ISSUE

01

JUNE 2013
- MAY 2014

YEARLY NEWSLETTER
OF ELECTRONICS &
TELECOMMUNICATION
ENGINEERING

CONVERGENCE



Messages, Institute Vision, Mission P.1
Dept Vision, Mission, PEO, PO P.2
Extra Curricular, Activities, MOUs P.3
Student Academic Activity P.4

ABOUT THE DEPARTMENT

The Department of Electronics and Telecommunication Engineering established in 2001 with an intake capacity of 60 seats in UG lays emphasis on Teaching and Research activities in different areas such a way as to built around the personal as well professional accomplishments that will propel the students to new heights in the prohibitably competitive world market as Technical Engineer, Entrepreneur and Ethical Leaders. The salient features of the program is based upon three primary modalities, ABSORPTION, ASSEMILATION, DISSEMINATION of fundamental concepts impressed upon the students during their formidable academic career.

Message of Honorable Chairman :

It is a distinct pleasure to witness the insatiable desire of the Department of Electronics and Telecommunication Engineering of Eastern Academy of Science and Technology(EAST) championed by Prof Saumyakanta Sarangi to create a novel chapter in the history of the department which is delightfully named as "CONVERGENCE". I earnestly hope that the Yearly news letter will arouse the internal insight of the departmental community while spearheading with many challenging & thought provoking concepts for the student, staff & faculty to eschew. There is no doubt in mind that in the long run this newsletter will shine forever just likes the lone star in the sky. If the inherent articles in the inaugural publication in any indication I remain confident that CONVERGENCE will remain as a darling academic community for abut ages to come. I wish nothing but grand success of CONVERGENCE.A devoted forever

Prof. (Dr.)Radha Kanta Mishra,

Message from Principal :

Eastern Academy of Science and Technology is only 100% NRI institute in odisha established has been progressing at an exponential rate since its inception in 2001. Many notable achievements have been recorded since then. These merits and credits have seldom been known to public and the authority due to the lack of showcasing or projecting through a medium. This newsletter is a medium, first of its kind in the history of the ETC department, will bridge the gap between achievements and publicity.. All credits and thanks go to the dedicated staff and their team work. Signing of with a quotation

"If you want to go fast, walk alone, If you want to go far, walk together"

Dr.Santosh Kumar Nanda,
PhD (NIT, Rourkela)

Message from HOD :

With great pleasure and honor, I write this foreword for the inaugural publication of Electronics and Telecommunication Engineering newsletter. Indeed, this newsletter is a testament to the department's commitment in imparting quality education in academia. This encompasses a right balance between research & development and teaching & learning and very much in line with the vision and mission of EAST. This newsletter highlights the workshop, seminars, co curricula and extra curricular activities conducted by the department both by students and staff. This newsletter will provide a glimpse of 2014 graduating batch. Through our Industrial relations and collaborative visits of academicians from different universities, we are trying to make our students industry ready and employable. Few of such efforts are reflected in this issue of newsletter. At the end, I wish a great success for the Newsletter which will be a true reflection of the Department and will be an interface between the Department and the rest of the world.

Prof Saumyakanta Sarangi

INSTITUTE VISION :

"To become a center of excellence in the field of technical education and research."

INSTITUTE MISSION :

- To provide best of technical skills, professional ethics and human values to its students.
- To be part of technological advancement through lifelong learning and research and development.



LIST OF FACULTY

1. Prof J N Mohanty
2. Prof Saumyakanta Sarangi
3. Prof Sangita Swain
4. Prof Swagatika Dash
5. Prof Eleena Mohapatra
6. Prof Manas Ranjan Mohanta
7. Prof Banaprava Mohapatra
8. Prof Santoshi Senapati
9. Prof Nilakantha Sighdeo

EASTRONICS

The department association named EASTRONICS organized two technical contest

1. Electro mania (Circuit design)
2. Electrovative (Quiz Competition)

DEPARTMENT MISSION & VISION

Vision:

'To be recognized globally as a beacon for quality engineering education and research in Electronics and Telecommunication.'

Mission:

The Electronics and Telecommunication Engineering Department seeks

- To create technology & technologists for development and sustainable growth in the areas of electronics, communication and allied fields leading to wealth and welfare of Humanity.
- To serve the engineering educational and professional needs of the country, the region and the international communities.

PROGRAMME EDUCATIONAL OBJECTIVE

PEO-1: Leverage their technical knowledge to acquire professional positions in electronics, telecommunication and allied fields.

PEO-2: Apply appropriate science, mathematical, computational, core electronics, telecommunication and critical reasoning skills to analyze and solve real life problems.

PEO-3: Utilize oral and written communication skills to present information effectively.

PEO-4: Demonstrate a commitment to lifelong learning and continuous professional improvement.

PEO-5 : Practice in a professional, ethical and socially responsible manner.

PROGRAMME OUTCOME

Upon completion of the program, our graduates will demonstrate:

- a) an ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering and technology.
- b) an ability to identify, analyze and solve technical problems
- c) an ability to apply creativity in the design of systems, components, or processes appropriate to the program objectives.
- d) an ability to conduct, analyze and interpret experiments and apply experimental results to improve processes.
- e) an appropriate mastery of the knowledge, techniques, skills and modern tools of their disciplines
- f) an ability to understand professional, ethical and social responsibilities
- g) a respect for diversity and a knowledge of contemporary professional, societal and global issues
- h) an ability to function effectively on teams
- i) an ability to communicate effectively
- j) a commitment to quality, timeliness, and continuous improvement
- k) a recognition of the need for, and an ability to engage in lifelong learning.

FACULTY PUBLICATION

- Saumyakanta Sarangi, Sangita Swain, Swagatika Dash, Manas Ranjan Mohanta " VHDL Implementation of Arithmetic and Logic Unit" VOL 3 ISSUE 4, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181
- Santoshi Senapati and Madhusmita Sahoo. Article: Intensity Inhomogeneous Biomedical Image Segmentation based on Level Set Method. IJCA Proceedings on Computing Communication and Sensor Network 2013 CCSN 2013(3):7-12, December 2013.

WORKSHOP AND SEMINAR ORGANIZED

- Two days Workshop on Digital System Design using VHDL was organized for students.
- Mr. Sunil Kumar Sahu, MD, INNODUS Technologies, Bhubaneswar addressed students of final year and pre final year about entrepreneurship development.
- Er. U C Pattnaik, MD, Edgefx Technologies Pvt. Ltd, Hyderabad addressed students of final year and pre final year about microcontroller programming for Major Projects.
- Mr. Rabindra Kumar Pattnaik, MD, Vikrant Electronics Pvt. Limited, Bhubaneswar addressed students of final year and pre final year about entrepreneurship development.
- Mr. Nirmalya Choudhury, HR, Head, Intex Technology Ltd, Kolkata addressed students of final year and pre final year about entrepreneurship development.
- A Seminar was organized by MADE EASY on GATE preparation for students of final year and pre final year.
- Faculty Development Program on "Application Development Using Open Source" organized by CRDC.

ESTRELLA -2K14



ESTRELLA - 2K14 - "A Mega Technical Event " was organized by the students of EAST. Around 300 students from different college had participated in the three days event (17th February 2014 to 19th February 2014). The Fest was inaugurated in cordial presence of Dr.Sabyasachi Mohanty Chief Guest and Mr. Manoj Panda, Guest of Honour. The students of ETC department won prizes in Poster Mania, Fresher talent test, T shirt painting, Youth parliament, Group Discussion, Robo Maze

BLOOD DONATION AND EYE CHECKUP CAMP



Blood Donation Camp was organized by the students of EAST on 8th October 2013 with joint collaboration with "THE AMA ODISHA" group. Total number of blood unit collected was 104.

Free Eye Check up Camp was organized by the students of EAST on 20th January 2014 with collaboration with Dr. Agrawals Eye Hospital. Around 300 people of EAST community and near by villages were benefited by this camp

MOUs



BSNL-AICTE have started EETP with the objective of providing competency based employability enhancement with telecom equipment, based operational skills to engineering graduates As per their selection criterion, V. Anushree, Priti Sharmili and Banita Mohto of 3rd year ETC are nominated for BSNL- AICTE Employment Enhancement Training Program for Engineering Students at RTTC, Bhubaneswar.

MEMBERSHIP

ISTE MEMBERSHIP

IAENG MEMBERSHIP