

**REPORT**  
**Value Added Course (VAC) Programme on**  
**“ELECTRONIC COMMUNICATION AND DIGITAL COMMUNICATION SCHEMES”**  
**Organized by Electronics Dept**  
**St Edmund’s College**

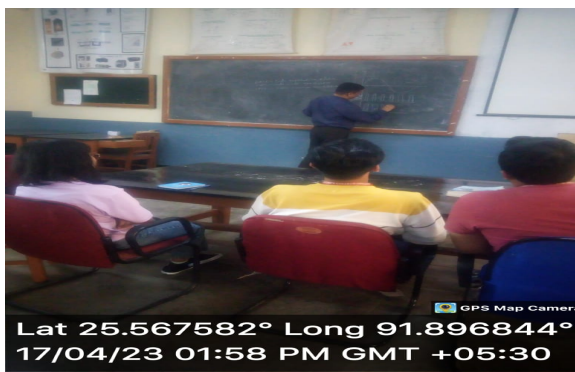
The Electronics Dept, St. Edmund’s College, conducted the 5-days Value Added Course (VAC) programme from the 11<sup>th</sup> April till 19<sup>th</sup> April, 2023 (with break in between due to holidays) on “**Electronic Communication and Digital Communication Schemes**”. The Programme had as its venue the Electronics Dept and was attended by total 22 students from BSc Electronics, Physics and Computer science honours from 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> semesters. It was a departmental programme with active participation of all the teachers of the department with Prof Kishore Chakraborty as the Co-ordinator. The programme was in a blended mode of both lectures along with hands-on wherein students designed circuits by themselves. The programme was conducted in a “Do and learn” manner to give students ideas of working of communication circuits in electronics in a practical way. It was organized and conducted in a successful manner with active participation of the students and teachers, along with the support of college management.

**Programme outcome**

Students will develop understanding and knowledge of key concepts of electronic communication and underlying theories involved in it. They will develop abilities to design projects and develop solutions to problems related to field of digital electronic communication. Also, they will be equipped with relating various fields of studies related to the electronic communication in much easier way and in-depth manner.

Following are a few Photographs taken during the programme along with the programme schedule

**Pictures**



**Programme schedule**

**PROGRAMME: Value added course**

**VENUE: DEPARTMENT OF ELECTRONICS  
ST. EDMUND'S COLLEGE**

<b>DAY 1 : (11th OF April)</b> <b>TIMING:2 to 5pm</b>	
<b>NAME OF THE SPEAKER</b>	<b>TOPIC</b>
PROF. D.R CHOUDHURY	LAPLACE TRANSFORM THEORY AND APPLICATIONS IN COMMUNICATIONS

<b>DAY 2: (12<sup>TH</sup> OF April)</b> <b>TIMING:2 to 5pm</b>	
<b>NAME OF THE SPEAKER</b>	<b>TOPIC</b>
PROF. S. CHAKRABORTY	FOURIER TRANSFORM THEORY AND APPLICATIONS IN COMMUNICATIONS

<b>DAY 3 : (17<sup>TH</sup> OF April)</b> <b>TIMING:2 to 5pm</b>	
<b>NAME OF THE SPEAKER</b>	<b>TOPIC</b>
PROF. H MEDHI	OVERVIEW OF VARIOUS COMMUNICATION SCHEMES(with Hands on session))

<b>DAY 4: (18<sup>th</sup> of April)</b> <b>TIMING:2 to 5pm</b>	
<b>NAME OF THE SPEAKER</b>	<b>TOPIC</b>
PROF. B. P. THANGKHIEW	ANALOG COMMUNICATION

<b>DAY 5 : (19<sup>TH</sup> OF April)</b> <b>TIMING:2 to 5pm</b>	
<b>NAME OF THE SPEAKER</b>	<b>TOPIC</b>
PROF. K CHAKRABORTY	DIGITAL COMMUNICATION AND VARIOUS SCHEMES(with Hands on Session)