Department of Electrical Engineering
(NBA Accredited)
Technique Polytechnic Institute
Approved by : AICTE, Govt. of India & Affiliated to WBSCT&VE&SD
(A Three years Diploma Engineering Institute)
Campus: Panchrokhi, P.O. – Sugandhya, Dist. – Hooghly, W.B., PIN - 712102

2015 – 2016

2016 Pass out batch

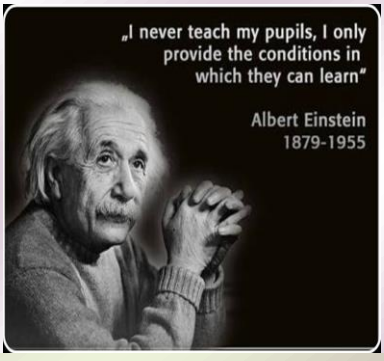
This newsletter enlightens the activities, achievements & advancements of the department of Electrical Engineering for the academic year 2015 – 2016

From the In – Charge's Desk

With a view of positivity and approach towards quality education, Electrical Engineering Department has always strived towards excellence. The students as always came out with flying colors; be it academically, co-curricular & extra-curricular activities. We were successful in conducting seminars & industrial visits. This year we are once again going to apply for NBA & we are hopeful of a full time accreditation.

VISION

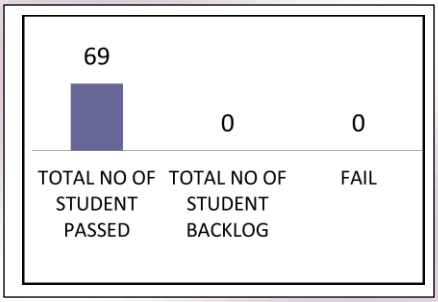
Our vision is to promote active learning, critical thinking & Engineering judgment coupled with business & Entrepreneurial skills & to be a centre of excellence in the field of Electrical Engineering



MISSION

- To provide students with skill, knowledge & attitude to succeed as engineers & leaders
- To develop problem solving capability in electrical engineering field
- To prepare students with the knowledge to meet ever growing socio – economic demand of industry as well as society
- To motivate students to pursue higher studies

RESULT ANALYSIS



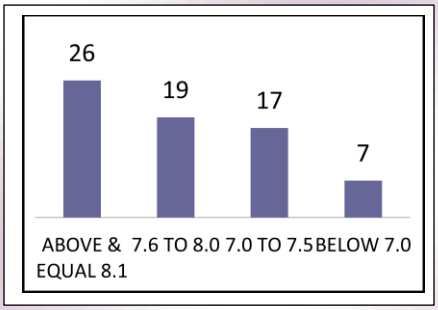


Table 1 . Result Analysis of 4th Sem

OVERALL ANALYSIS	
TOTAL MARKS	875
TOTAL NO OF STUDENT APPEARD	69
TOTAL NO OF STUDENT PASSED	69
ABOVE & EQUAL 8.1	26
7.6 TO 8.0	19
7.0 TO 7.5	17
BELOW 7.0	7
TOTAL NO OF STUDENT BACKLOG	0
FAIL	0

TOPPERS OF DEE 4TH SEMESTER			
1	DEBAJYOTI SAMANTA	9.2	**1st**
2	SHUSMITA PAUL, ARUN KARMAKAR	9.1	**2nd**
3	AYAN DEBNATH , SUBHABRATA MANNA	9.0	**3rd**

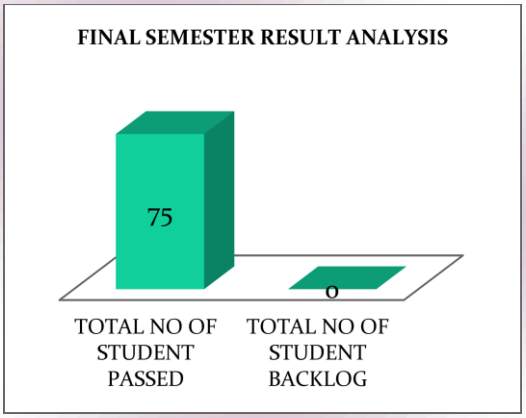
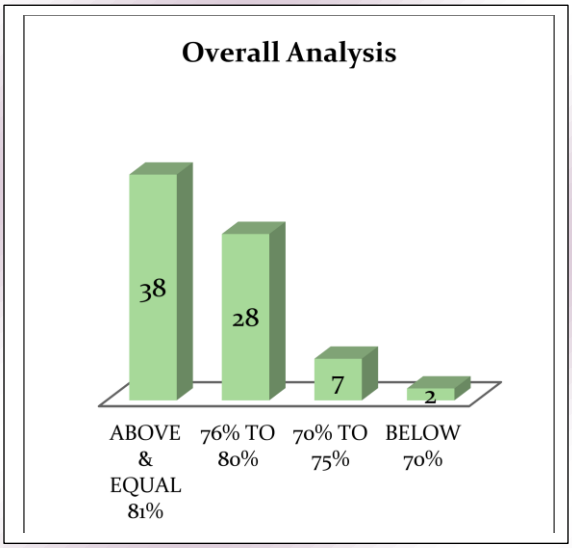


Table 2 . Result Analysis of 6th Sem

OVERALL ANALYSIS	
TOTAL MARKS	1100
TOTAL NO OF STUDENT APPEARD	75
TOTAL NO OF STUDENT PASSED	75
ABOVE & EQUAL 81%	38
76% TO 80%	28
70% TO 75%	7
BELOW 70%	2
TOTAL NO OF STUDENT BACKLOG	0

TOPPERS OF DEE 6TH SEMESTER	% marks	Rank
SUVABRATO GHOSH	**89.2**	**1st**
SUDIP KARMAKAR	**89.1**	**2nd**
CHANDRANATH BAGUI	**88.9**	**3rd**



Avijit Karmakar
(Project Supervisor)

- **Ayan Ghosh (Project Guide)**
  - Design and Estimation of electrification of a modern multistoried building along with the required sub-station complying I.E. Rules
  - Electric braking systems of D.C. motors
  - Fabrication of a solar power charger
  - Economic comparison of LED & T5 fluorescent lamps with existing T12 fluorescent lamps of college building
- **Shamik Chattaraj (Project Guide)**
  - Green building lighting system
  - I-Φ transformer rewinding design
  - Conduct load survey to ascertain the total load requirements of a polytechnic
  - Fabrication of solar air cooler
- **Kaustav Mallick (Project Guide)**
  - Smart switch
  - H-type substation model (scaled
  - Fabrication of a domestic inverter
  - Lighting design of an auditorium

"Formal education will make you a living; self-education will make you a fortune"
-Jim Rohn

SEMINAR, VISITS, TRAININGS & PLACEMENTS

For training, we collaborated with

EMT Megatherm
W.B.S.E.T.C.L
West Bengal Renewable Energy Development Agency
Haldia Petrochemicals Limited
ITC Limited
Himadri Chemicals & Industries Limited
Durgapur Projects Limited
D.V.C. Raghunathpur Thermal Power Station
D.V.C. Panchet
IOCL Haldia Refineries

Companies visited in our college

SEMINAR

*A seminar was conducted on "**Industrial Automation using PLC, SCADA & Drives**"*

VISITS

- *A petrol pump visit was done as per Professional Practices syllabus*
- *A visit to a Transformer manufacturing & repair workshop was conducted again as per Professional Practices syllabus*
- *Students went to visit to a multistoried building under construction to study wiring system design, load calculation & electric connection scheme from a pole mounted sub-station*

...& more to come...

"It is never too late to be what you might have been"

-George Eliot