

Department of Electrical Engineering

(*Gyan Ganga Institute of Technology & Sciences, Jabalpur*)

(NBA Accredited Program)

Approved by AICTE, New Delhi

Affiliated to RGPV, Bhopal



**Welcomes
All Delegates of
Tata Consultancy Services (TCS)**



Programme: UG in Electrical Engineering

- YEAR OF STARTING OF THE UG PROGRAMME: In 2003 with sanctioned intake of 60 students.

- In addition to U.G Elect. Engg. Course, Department also runs,
 - M.Tech: Full Time Degree Course in ENERGY TECHNOLOGY(2009)

 - M.Tech: Part Time Degree course in PS&A (2013)



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Vision

- To produce Electrical Engineering graduates with sound technical knowledge and with ethical values who could excel in Electrical Systems.
- To apprise students of state of art technology and industrial engineering applications.
- To make Electrical Department as a centre of excellence.
- To encourage industrial activities in department with faculty and student participation.



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Mission

- To Impart intensive and innovative teaching and training through latest technology to provide cutting edge for achieving excellence.
- To award practical projects aiming at solutions to practical industrial problems.
- To motivate faculty and technical assistants for updating / upgrading knowledge through training, seminars, workshops, conferences and higher studies.
- To create accredited / certified centre for testing of transformers and other electrical equipments to cater to the needs of power sector / industries.
- Impart knowledge / solutions of social challenges, ethics, echo / environment etc. to produce worthy citizens.



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Programme Educational Objectives

- Graduates will enter careers in the MNCs, PSUs Private sector companies, etc. in the field of design, application, installation, manufacturing, operation & maintenance of electrical systems.
- Graduates will be undertaking higher studies. Graduate will analyze real life problems, will design techno-commercially feasible solutions to social problems.
- Graduates will be entrepreneurs, and will produce intellectual citizen to constitute an elegant society to meet social challenges with ethical & moral values having concern for the echo and environment.



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Admission / Intake in the Programme

Name of the Programme : UG in Electrical Engineering

Title of the Degree : Bachelor of Engineering in Electrical Engineering

Nature of Programme :Full time

Duration :Four Years

Sanctioned Intake :60+TFW + (20% Lateral Entry in BE II Year)



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Admission / Intake in the Programme

Name of the Programme : PG in ENERGY TECHNOLOGY

Title of the Degree : M.TECH. IN ENERGY TECHNOLOGY

Nature of Programme :Full time

Duration :02 Years

Sanctioned Intake :18



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Admission / Intake in the Programme

Name of the Programme : PG in POWER SYSTEM & AUTOMATION

Title of the Degree : M.TECH. IN POWER SYSTEM & AUTOMATION

Nature of Programme :PART TIME

Duration :03 Years

Sanctioned Intake :18



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FACULTY MEMBERS



Prof. RAJEEV CHAUHAN

Designation : Head of Department

Qualification /Specialization :

M.Tech., Ph.D.

**(Pursuing ,BIT, Mesra -Power System
)**

**Experience : 14 Years (Teaching)
03 Years (Industrial)**



Prof. S. K. BAJPAI

Designation : Professor

Qualification/Specialization :

M.E .(Applied Electronics)

SGSITS, Indore

E. A. BEE (GOI)

**Experience : 36 Years(Industrial)
07 Years (Teaching)**



Prof. VIVEK ANAND

Designation : Prof

Qualification/Specialization :

M.E. (Digital Communication)

**M.Tech (Measurement &
Instrumentation) - IIT Roorkee**

Experience : 15 Years (Teaching)



Prof. NIDHI MISHRA

Designation : Asst. Professor

Qualification/Specialization :

**M.E. (High Voltage & Power
System)**

JEC, Jabalpur

**Experience : 22 Years
(Teaching)**



Prof. SHALINI VAISHYA

**Designation : Asst.
Professor**

**Qualification/Specialization
:**

M.E. (Embedded System)

SGSITS, Indore

**Experience : 16 Years
(Teaching)**



5/10/2018

**ELECTRICAL ENGINEERING
DEPARTMENT**

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FACULTY MEMBERS

Prof. S. K. JAIN

Designation : Asst. Professor

Qualification/Specialization :
M. E. (Communication System)
JEC, Jabalpur

Experience : 10 Years (Teaching)
01 Year (Industrial)



Prof. VIVEK KUSHWAHA

Designation : Asst. Professor

Qualification/Specialization :
M. E. (Control System)
JEC, Jabalpur
(Pursuing PHD,BIT, Mesra- Control System)

Experience : 10 Years (Teaching)



Prof. RAGHUVANSH SINGH

Designation : Asst. Professor

Qualification/Specialization :
M. E. (Control System)
Experience : 2 Years (Teaching)

Prof. POONAM SARAWGI

Designation : Asst. Professor

Qualification/Specialization :
M. Tech (Energy Technology)
GGITS, Jabalpur

Experience : 6 Years (Teaching)



Prof. SHUBHANGI RAJMISTRY

Designation : Asst. Professor

Qualification/Specialization :
M. E. (Control System)
JEC, Jabalpur

Experience : 2.5 Years (Teaching)

Prof. RUMA DEB

Designation : Asst. Professor

Qualification/Specialization :
M. Tech (VLSI)
Satyabhama University,
Chennai

Experience : 02 Years
(Teaching)



Prof. ABHISHEK GUPTA

Designation : Asst. Professor

Qualification/Specialization :
M. Tech (Optoelectronics)
SGSITS, Indore

Experience : 4 Years (Teaching)



5/10/2018

ELECTRICAL ENGINEERING
DEPARTMENT

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ACADEMIC ACHIEVEMENTS

RESULTS -FINAL YEAR

ACADEMIC SESSION	VIII SEMESTER
Batch 2013 -2017	100%
Batch 2012 -2016	96.56%
Batch 2011 -2015	100.00%
Batch 2010 -2014	100.00%



Chancellor's Awards

- ❖ This award is given by The Hon'ble Governor of M.P who is the chancellor of all the state Universities.
- ❖ In this award a cash Prize of 25000/- along with the certificate is given to the best 3 students who are the outstanding performers in the theory subjects of a semester in every programme in entire University.
- ❖ EE Department has excellent track record of this award.



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Chancellor's Awards in University Examination

Year of Passing	Name of the Student	Branch	University Rank in whole M.P.
2009	Mr. Akshay Chouksey	EE	1st Rank (I Sem.)
2010	Ms. Sakshi Vishnoi	EE	2nd Rank (IV Sem.)
	Ms. Sameeksha Baghel	EE	1st Rank (IV Sem.)
2012	Ms. Sweta Yadav	EE	1st Rank (IV Sem.)
2014	Ms. Anushree Saini	EE	1st Rank (III Sem.)
	Ms. Deepti Choubey	EE	1st Rank (I Sem.)
	Ms. Darshika khanna	EE	1st Rank (I Sem.)
	Mr. Chandraditya Jha	EE	1st Rank (I Sem.)



Chancellor's Awards



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UNIVERSITY TOPPERS IN U.G



Ms. Shrasti Jain student of Electrical Engg. Dept. scored 9.7 SGPA, in IV Semester in university examination, highest in M.P. Region.



Ms. Vaishnavi Chouksey of Electrical Engg. Dept. scored 9.77 SGPA, in II Semester in university examination, highest in M.P. Region.

PERFORMANCE IN GATE, MBA/CAT, GRE (HIGHER STUDIES)

Year	Nature of Exam	No. of Student qualified
2015	GATE	05
	GRE	01
	MBA/CAT	06
2016	GATE	05
	GRE	-
	MBA/CAT	05
2017	GATE	04
	GRE	-
	MBA/CAT	04



PERFORMANCE IN GATE, MBA/CAT, GRE (HIGHER STUDIES)



TOPPER'S AND GATE QUALIFIED (BATCH: 2017, 2016)

GRE Score :-324 (2015)
University of Illinois ,
Urbana Champaign USA

(World Ranking Top 21
University-2015)

Specialization Technology
Management



Work at Robert Bosch
LLC - Research and
Technology Center.
•Analyst, Mobile App
Integration - Palo Alto,
California

•Education
•School of Information
Studies at Syracuse
University
•Information
Management - Syracuse,
New York

GRE QUALIFIED



PLACEMENT & HIGHER STUDIES DETAILS OF EE DEPT

Year	PLACEMENT & HIGHER STUDIES	No. of Student
2015	ON CAMPUS	21
	OFF CAMPUS	24
	HIGHER STUDIES	09
2016	ON CAMPUS	33
	OFF CAMPUS	37
	HIGHER STUDIES	06
2017	ON CAMPUS	25
	OFF CAMPUS	15
	HIGHER STUDIES	07



STUDENTS PLACEMENTS IN COMPANIES

SR. NO.	NAME OF THE COMPANIES
1	TCS
2	TECH. MAHINDRA
3	HINDUJA GROPU
4	MPHASIS
5	PRISM CEMENT
6	KEC INTERNATIONAL LTD.
7	EURASIAN MINERALS (P) LTD.
8	SOFCON INDIA (P) LTD.
9	SHRIRAM TRANSPORT FINANCE CO
10	EPIC RESEARCH (P) LTD.
11	J K TECHNO_SOFT
12	ZEBRONICS
13	UNIVARSAL CABLES
14	ORIENT PAPERS MILLS
15	SIEMENS PVT. LTD.
16	VIJAY ELECTRICALS
17	CROMPTON GREAVES
18	SUVIDHA ENGINEERS INDIA PVT., LTD
19	ESSAR POWERS & Many More

STUDENTS PLACEMENTS OF EE DEPT



TCS



TCS



TCS



HINDUJA GROUP



NPTI



TCS



TECH MAHINDRA



START-UP BY STUDENTS OF EE DEPT.



START-UP BY STUDENTS OF EE DEPT.



State of Art Laboratories

SR. NO.	Laboratories
1	BASIC ELECTRICAL & ELECTRONICS ENGG
2	NETWORK LAB
3	ELECTRICAL INSTRUMENTATION & MESUREMENT LAB
4	ANALOG ELECTRONICS LAB
5	JAVA PROG. LAB
6	ELECTRICAL MACHINE-1 LAB
7	CONTROL SYSTEM LAB
8	DIGITAL ELECTRONICS & DESIGN LAB
9	POWER SYSTEM LAB
10	ELECTRONICS INSTRUMENTATION LAB
11	SWITCH GEAR & PROTECTION LAB
12	ELECTRICAL MACHINE -2 LAB
13	POWER ELECTRONICS LAB
14	ELECTRICAL DRIVES LAB
15	MICROPROCESSOR & MICROCONTROLLER



Laboratories Cont.....

SR. NO.	Laboratories
16	HIGH VOLTAGE TRANSFORMER TESTING LAB
17	MODELLING & SIMULATION LAB – BASED ON MI-POWER SOFTWARE
18	MINOR / MAJOR PROJECT LAB
19	
20	



State of Art Laboratories



ELECTRICAL INSTRUMENTATION LAB



CONTROL SYSTEM LAB



POWER SYSTEM PROTECTION LAB



State of Art Laboratories



SOFTWARE LAB 1



HIGH VOLTAGE LAB



ELECTRICAL MACHINE LAB



State of Art Laboratories



POWER ELECTRONICS LAB



POWER SYSTEM PROTECTION LAB



ELECTRICAL DRIVES LAB



MICROPROCESSOR & MICRO CONTROLLER LAB



Accredited
IN THE REGION

Computer Labs of EE Department



- Total availability of the computer systems in the department 60.**
- All Labs are connected through LAN
- The department has a **34 Mbps (BSNL) Leased Line Connectivity for Internet facility.**
- The entire Department is **Wi-Fi enabled.**
- All the systems have **UPS** and supported with a power backup by Generator.

Student PC Ratio	:	1 : 1
Extent of usage	:	100%
Opening Time	:	09: 30 A.M.
Closing Time	:	07: 00 P.M.



ICT Infrastructure in Dept.

EQUIPMENTS	DETAILS	QTY.
Computers Configurations	ACER-INTEL PENTIUM DUAL CORE PROCESSOR @ 3.30 GHZ	60
	RAM-4GB, DDR-3,	
	HARD-DISK 500GB	
	MONITOR 18.5", LCD TFT	
Projectors installed In Class Rooms	Room No. 216, 217 & Software Lab (IBM), CL-3 Lab, Portable Projector	05
Scanners & Printers	HP	03
Computers connected through LAN	The department has a 34 Mbps (BSNL) Leased Line Connectivity for Internet facility.	60



- Books for various competitive examinations like **GATE, UPSC, GRE, TOEFL, CAT, MAT, etc.** are also available for students.

- Books of Personality Development and General Interests are available in addition to the Books of University curriculum.



Special Projects Designed & Fabricated by EE Dept.



SOLAR PANNEL INSTALLED



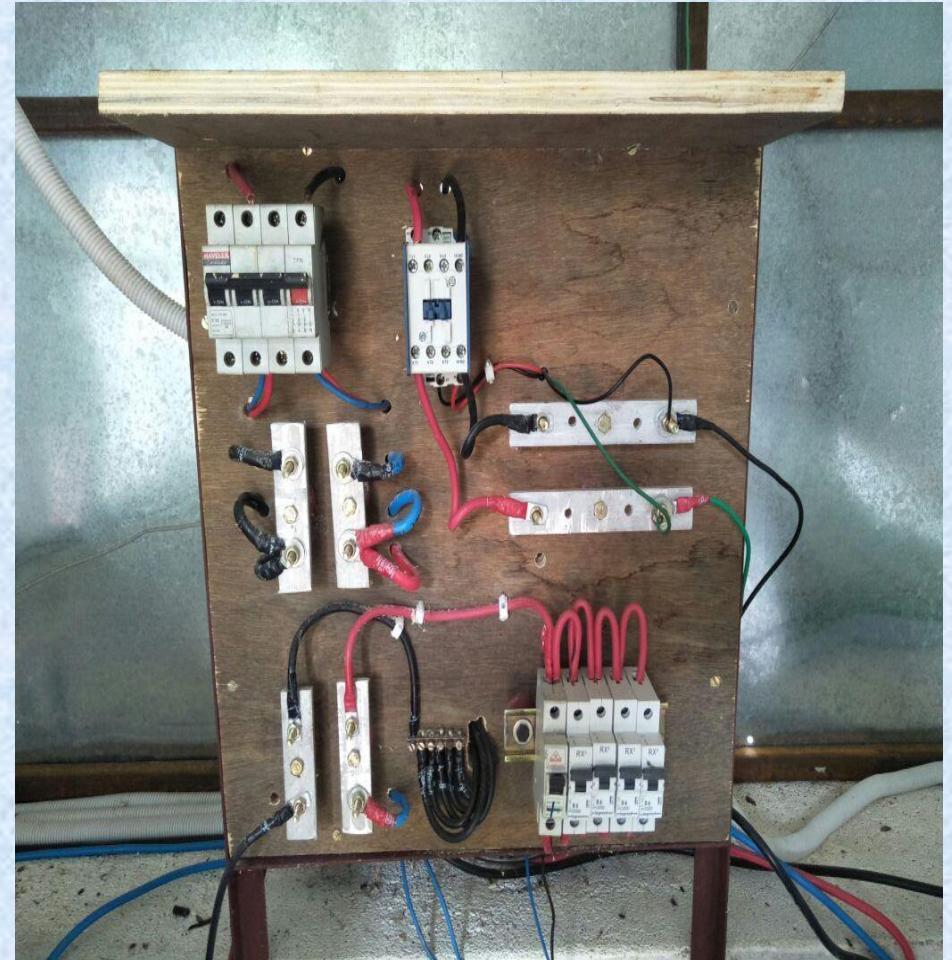
Projects Designed & Fabricated by EE Dept.



SOLAR PANNEL INSTALLED



Projects Designed & Fabricated by EE Dept.



SOLAR PANNEL INSTALLED



THE ONLY
PRIVATE INSTITUTE
NBA
Accredited
IN THE REGION

**(DEVELOPMENT OF
HIGH VOLTAGE LABORATORY)**
For

TESTING OF POWER TRANSFORMERS

**(AS PER BUREAU OF INDIAN STANDARD
IS-2026)**

**(Designed and Fabricated Major Projects by the
Students of Electrical Engg.)**



TRANSFORMER UNDER TEST IN LAB



ELECT. ENGG. DEPTT.

28 KV SEPARATE VOLTAGE SOURCE WITH STANDARD TEST EQUIPMENTS

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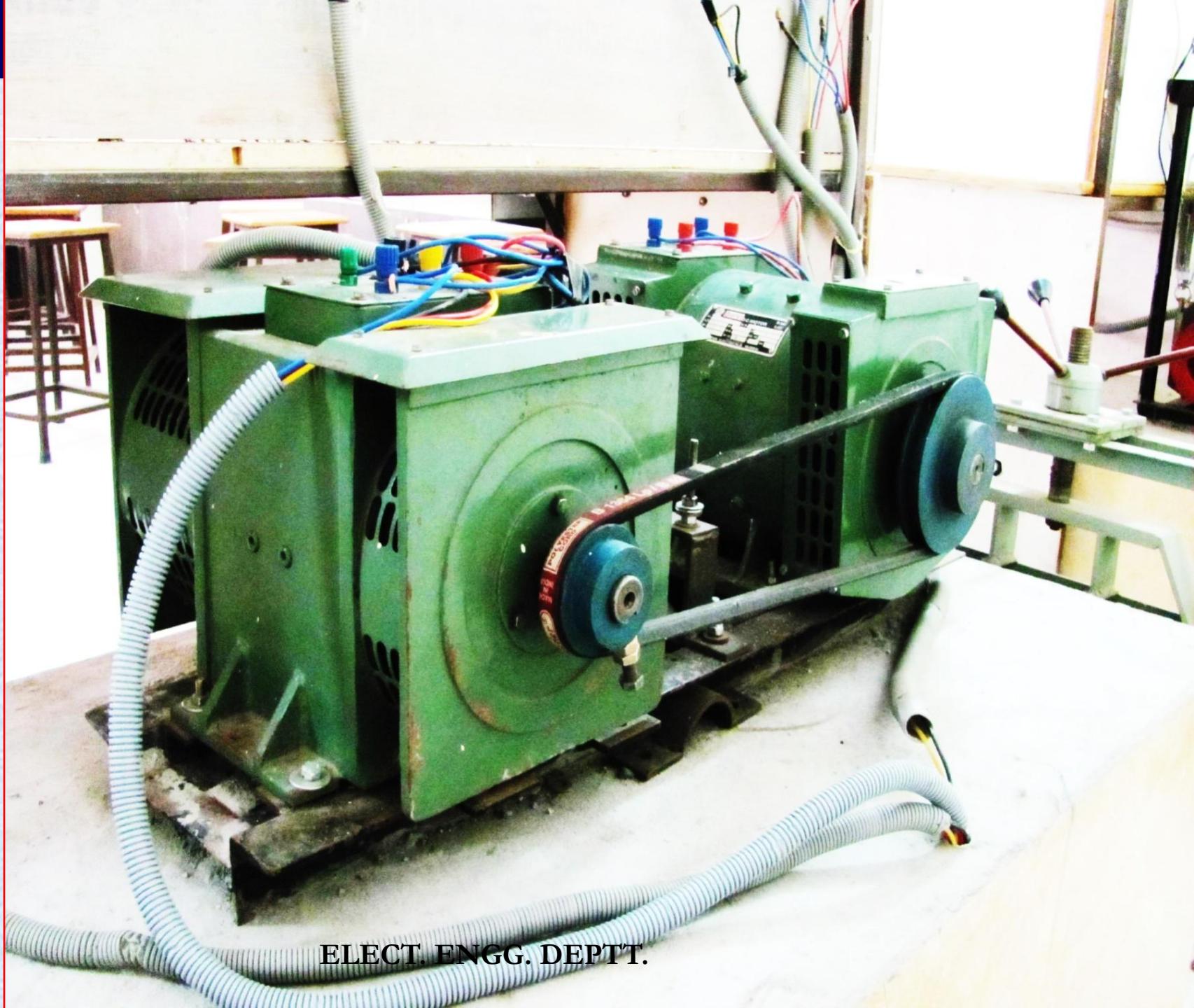
ELECT. ENGG. DEPTT.

**VOLTMETER
TO
MEASURE
HIGH
VOLTAGE**

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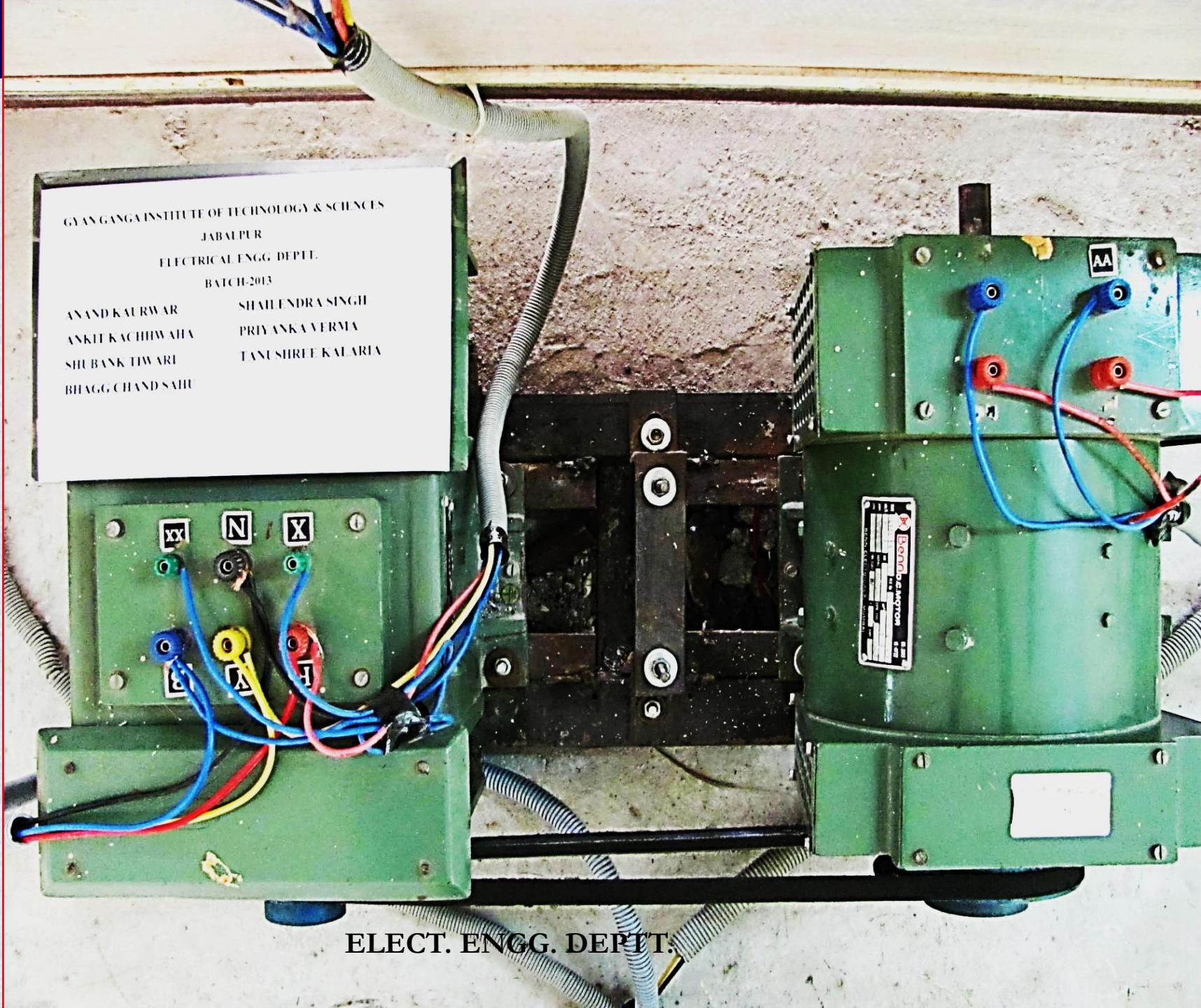


**DOUBLE
VOLTAGE
DOUBLE
FREQUENCY
TEST
SETUP**



ELECT. ENGG. DEPTT.

DOUBLE VOLTAGE DOUBLE FREQUENCY TEST SETUP



TRANSFORMER OIL BREAK DOWN VOLTAGE TEST SETUP



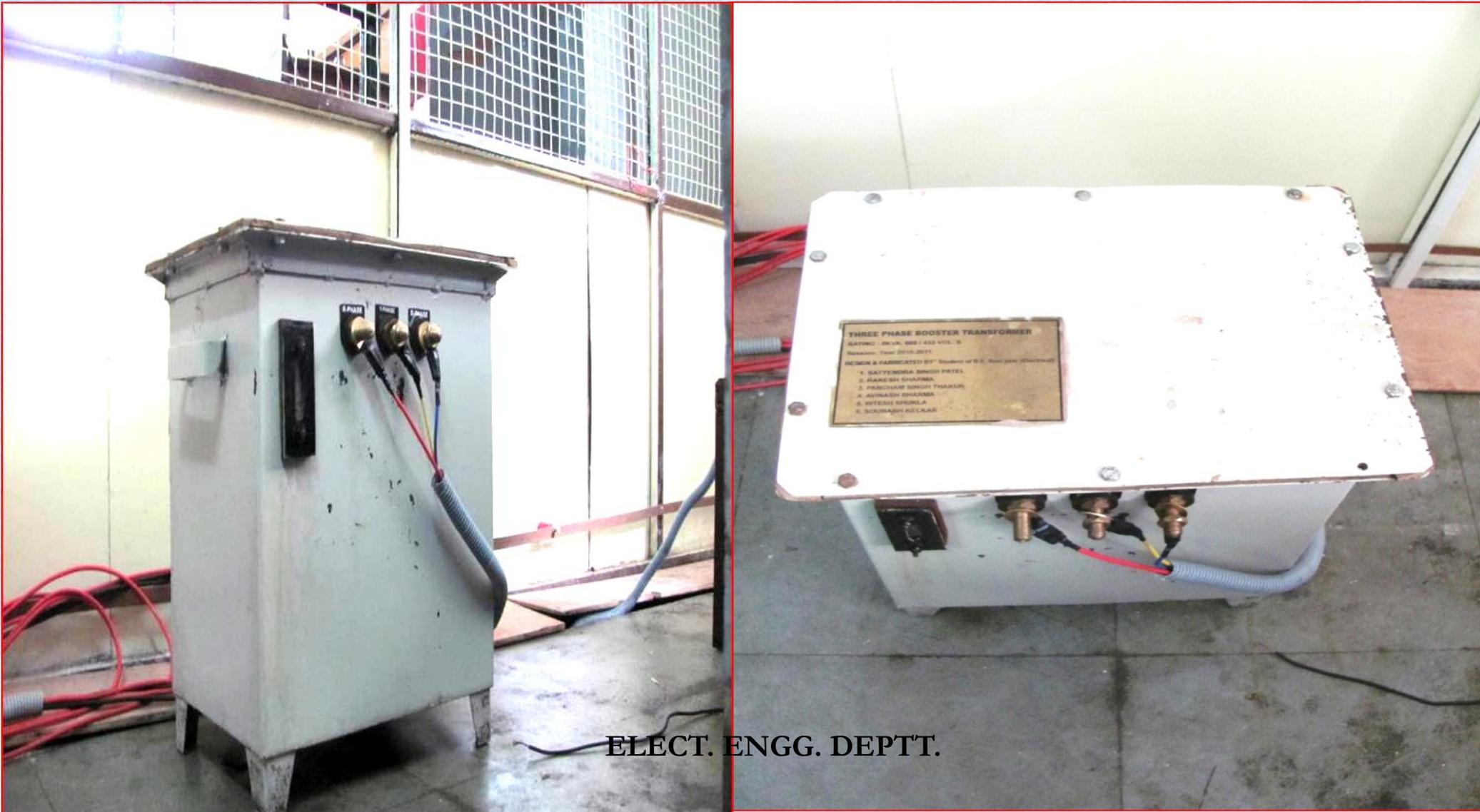
- AMARDEEP BILOHA
- AMIT PATEL
- RAJNARAYANAN.R
- SATYA PRAKASH RAI

ELECT. ENGG. DEPTT.

- SUBHASHISH YADAV
- SHUBHAM KETU
- SHIVAM SHUKLA
- VIVEK JAIN

VOLTAGE BOOSTER FOR LOAD LOSSES TEST AND % IMPEDANCE MEASUREMENT

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**HIGH VOLTAGE LABORATORY
ELECTRICAL ENGG. DEPARTMENT
GYAN GANGA INSTITITUTE OF TECHNOLOGY , JABALPUR**

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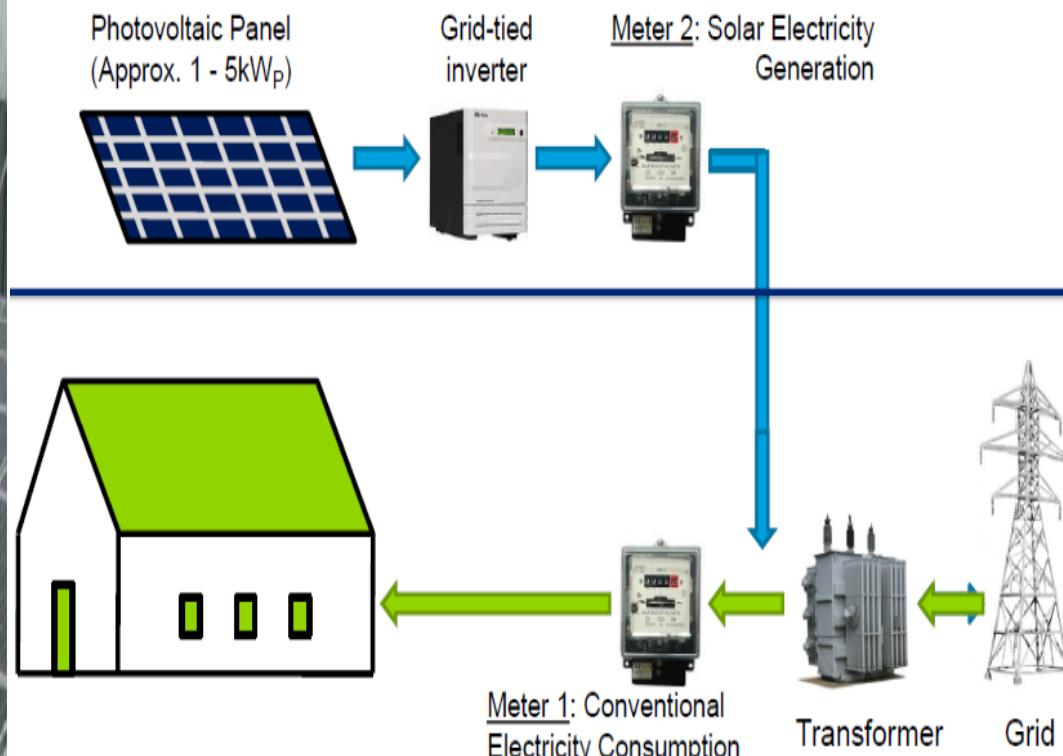
ELECT. ENGG. DEPTT.

Projects undertaken By EE Dept.

250KW GRID CONNECTED SOLAR PV ROOFTOP SYSTEM



Gross Metered Rooftop solar



SOLAR PANNEL INSTALLED



CONSULTANCY DETAILS

SR. NO.	NAME OF THE COMPANIES	NAME OF THE CONSULTANCY PROJECT
1	PRAGYA ENTERPRISES , JABALPUR	DESIGN AND DEVELOPMENT OF 30 KV SEPARATE VOLTAGE SOURCE WITH CONTROL UNIT
2	SYSTEM ELECTRONICS LABORATORY (SEL) JABALPUR	DESIGN AND DEVELOPMENT OVER VOLTAGE AND UNDER VOLTGE PROTECTION
3	UNIVERSAL MAGNO FLUX LTD. INDORE	DESIGN AND DEVELOPMENT OF 11 KV CURRENT TRANSFORMER
4	PRAGYA ENERGY PRIVATE LTD. JABALPUR	EVALUATION OF THE CALORIFIC VALUE OF THE FUEL



CONSULTANCY DETAILS

SR. NO.	NAME OF THE COMPANIES	NAME OF THE CONSULTANCY PROJECT
5	GAYN GANGA INTERNATIONAL SCHOOL, JABALPUR	DESIGN AND DEVELOPMENT OF THE BIO GAS PLANT
6	PRDC, BANGLORE	CONSULTANCY SERVICES FOR POWER SYSTEM ANALYSIS, POWER EVACUATION STUDIES, NETWORK SIMULATION AND DESIGN, MASTER PLAN PREPARATION FOR T&D INFRASTRUCTURE & GRID CONNECTIVITY
7	R M SOLAR GREEN PVT. LTD	RESEARCH AND DEVELOPMENT SOLAR SYSTEM EFFICIENCY IMPROVEMENT, SOLAR WATER PUMP, NIGHT LIGHTING SYSTM



Technical Training for Students

SEMESTER	TRAINING	OBJECTIVES OF THE TRAININGS
3rd Sem.	FUNDAMENTALS PROGRAMMING OF THE C & C++	IN HOUSE TRAINING ON PROGAMMING SKILLS FOR ENHANCEMENTS HELPS IN CAMPUS PLACEMENTS , PROJECTS WORKS
4th Sem.	POWER SYSTEM AND ITS ELEMENTS FOR DISTRIBUTION OF POWER	IN HOUSE TRAINING ON THE BASICS OF THE POWER SYSTEM AND ITS VARIOUS ELEMENTS USED IN DISTRIBUTION SYSTEM
5th Sem.	MATLAB AND ITS APPLICATIONS IN ELECTRICAL ENGG	IN HOUSE TRAINING ON THE MATLAB COMPUTATIONAL SOFTWARE FOR VARIOUS APPLICATION IN POWER SYSTEM , ELECTRICAL MACHINES ETC



Technical Training for Students

Semester	Training	OBJECTIVES OF THE TRAININGS
5th Sem. & 6th Sem.	PLC	OUT SOURCED TRAINING FOR UNDERSTANDING OF PROGRAMABLE LOGIC CONTROLLERS FOR INDUSTRIAL AUTOMATION
6th Sem	SCADA	OUTSOURCED TRAINING FOR UNDERSTANDING OF SUPERVISORY CONTROL AND DATA AQUISITION FOR POWER SYSTEM
7th Sem	HMI	OUTSOURCED TRAING FOR UNDERSTANDING OF HUMAN MACHINE INTERFACE LIKE ROBOTICS APPLICATIONS , MACHINES AUTOMATIONS
7th Sem	MI-POWER	POWER SYSTEM ANALYSIS, POWER EVACUATION STUDIES, NETWORK SIMULATION AND DESIGN, MASTER PLAN PREPARATION FOR T&D INFRASTRUCTURE, GRID CONNECTIVITY STUDIES,INTEGRATION OF HYBRID SYSTEMS ALTERNATE SOURCES



Soft skills Training for Students

Semester	Training
1 st Sem.	Comm. Skills
2 nd Sem.	Comm. Skills & Personality Development
3 rd Sem.	Group Discussions & Personality Development
4 th Sem.	Career Skills Program
5 th Sem.	Enhancing Recruitment Skills of Students
6 th Sem.	Campus Training on Soft skills, Group Discussion & Personal Interview



Qualification and Experience of Faculty Members

Qualification	No. of Faculty Members
Ph.D.	-
Ph.D. (P)	03
M. Tech./PG	15
TOTAL	18

Industry Experience	No. of Faculty Members
More than 30 years	01
05-10 years	01

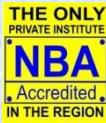
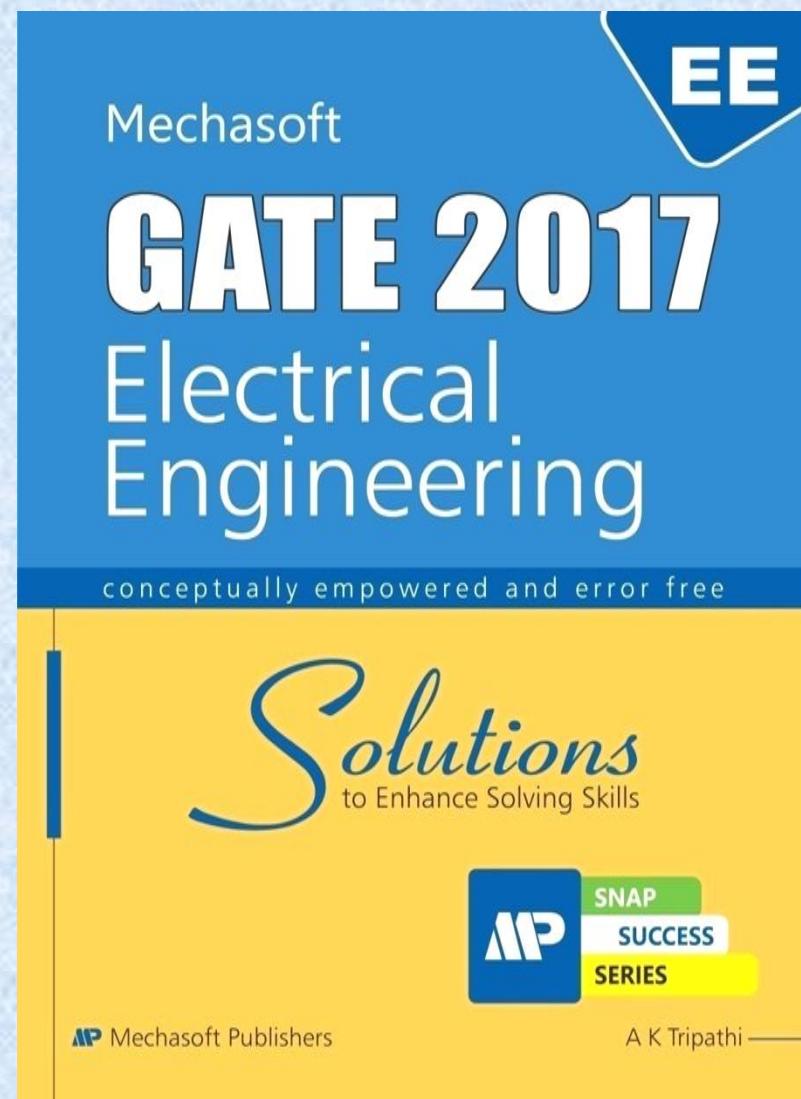
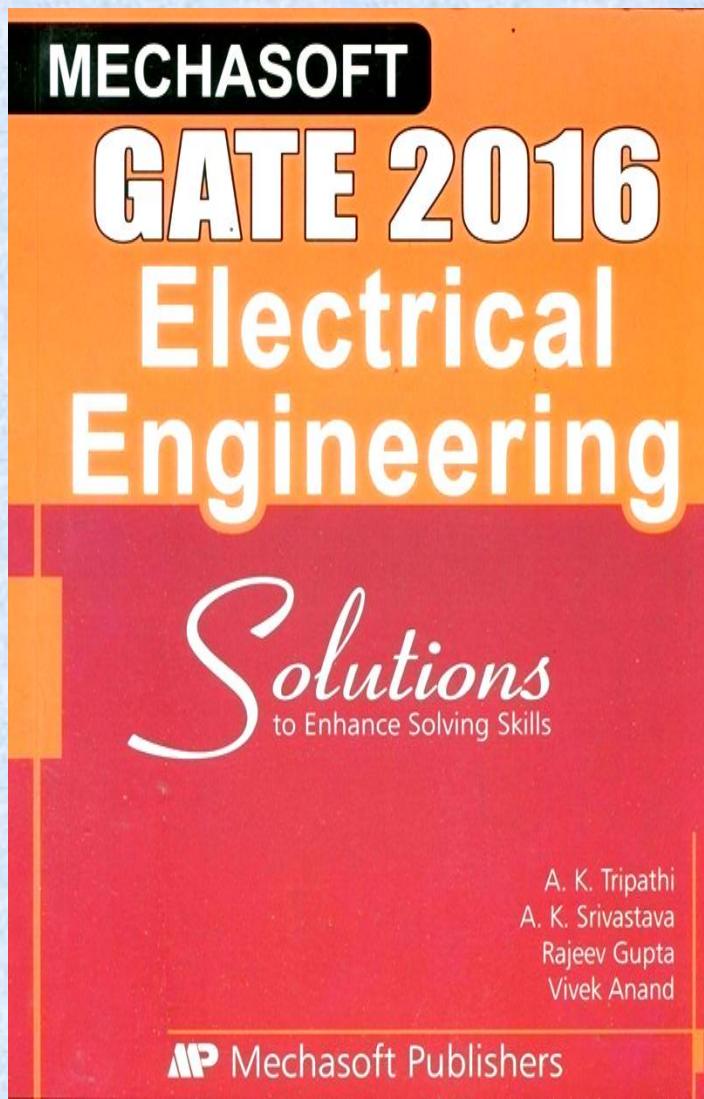
Teaching Experience	No. of Faculty Members
More than 20 years	01
10-20 years	04
5-10 years	13
TOTAL	18



Overall Faculty Student Ratio is 1:14



**BOOKS PUBLISHED BY THE FACULTY OF EE DEPT
FOR GATE EXAMINATION
PROF. VIVEK ANANAD, IN 2016 & 2017**



Teaching Learning Process: Beyond Syllabus

**Centre For Distance Engineering Education Programme,
IIT , BOMBAY**

Objective :

**Engineering and Science students in every part of India
and the world will have access to IIT Bombay's
courseware.**

SIGNALS & SYSTEM

FACULTY MEMEBRS & STUDENTS REGISTERED FORM EE DEPT.: 60 (BE- V SEMESTER, IN 2016V)



Teaching Learning Process: Beyond Syllabus

NPTEL (national programme on technology enhanced learning) is a joint initiative of the iits and iisc. Through this initiative, we offer online courses and certification in various topics.

Prof. Nagendra Krishnapura,
Department of Electrical Engineering

IIT Madras

Course duration :

July 24, 2017 - September 15, 2017

Full Term - 8 weeks course

Course : Basic Electrical Circuit

STUDENTS REGISTERED : 15 (BE- FIRST SEMESTER)



ON LINE EXAMINATION : 24TH SEPTEMBER , 2017



Sponsorship for Higher Studies for Faculty Members

Facilitation done by the college for the teachers to do higher educational program like Ph.D. or PG program : (From last Accreditation)

S. No.	Department	Numbers admitted in Ph.D.	Numbers admitted in M.E.
1.	Electrical Engineering	03	11
	TOTAL	03	11



Sponsorship for Higher Studies Technical Staff

Facilitation done by the college for the Technical Assistant to do higher educational program like DIPLOMA, UG. or PG program :

S. No.	Branch	Numbers admitted in DIPLOMA	Numbers admitted in BE	Numbers admitted in ME
1.	Electrical Engineering	03	01	-
	TOTAL	03	01	-



Sponsorship for Seminars /Conferences/Workshops

No. of Faculty have been sponsored in the Last 3 years for attending National Conference, International Conferences, Workshops etc. :

S. No.	Department	Conferences (Nat./Int. Nat.)	Seminars	Workshops, etc.
1.	Electrical Engineering	20	25	20



Major Software

S. No.	Department	Licensed Software Available in Dept.
1.	Electrical Engineering Dept.	Mi Power MATLAB Design Builder



Faculty Membership

- The International Association of Engineers (IAENG), USA
- IEEE (Institution of Electrical & Electronics Engineers)
- ISTE (The Indian Society for Technical Education)
- IEI (Institution of Engineers India)
- SESI (Solar Energy Society of India)
- SPE (Society of Power Engineers , India)



MOUs With Industries



MOU UNIVERSAL MAGNO FLUX LTD. INDORE

PRAGYA ENTERPRISES

MOU PRAGYA ENTERPRISES , JABALPUR .



MOU WITH SOFCON INDIA (P) LTD., NOIDA FOR TRAINING OF ELECTRICAL ENGG. STUDENTS ON PLC SCADA (UNDER PROCESS).

**SYSTEMS ELECTRONICS
LABORATORY**

**MOU SYSTEM ELECTRONICS LABORATORY (SEL)
JABALPUR**



MOUs With Industries

**PRAGYA ENERGY PRIVATE
LTD. JABALPUR**



**MOU PRAGYA ENERGY PRIVATE LTD.
JABALPUR**



MOU PRDC, BANGLORE



**MOU SYSTEM ELECTRONICS
LABORATORY (SEL)
JABALPUR**



Associations, Training Partners



Training Partnership with CTI, JABALPUR



Training Partnership with MPPTCL, JABALPUR



Training Partnership with SOFCON, NOIDA



Training Partnership with BSNL



Faculty Development Program

S.No.	Programme	TITLE	Remarks
1	Staff Development Programme	MATLAB TRAINING PROGRAM FOR FACULTY ENRICHMENT AND SELF IMPROVEMENT	Organized in collaboration with IIITDM JABALPUR
2	Entrepreneurship Development Programme	TO DEVELOP BUSINESS VENTURE	Organized by Entrepreneurship Development Cell , GGITS
3	Workshop By Wipro (Mission 10X)	CREATIVE TEACHING AND EFFECTIVE CLASS ROOM MANAGEMENT	Organized
4	Staff Development Programme	TRAINING ON MI-POWER SOFTWARE	In house organized
5	National Seminar (AICTE SPONSORED)	POWER SYSTEM EARTING /GROUNDING	Under Process Proposed Date DEC. 2017



Technical staff Development Program

S.No	Programme	Title	Remarks
1.	Technical Staff Development Programmer	Testing of Power Transformer as per IS -2026 Codes	Organized
2.	Training on Maintenance & Installation of Electrical Machines	Maintenance of AC & DC Electrical Machines	Organized
3.	Training on installation of off grid solar panel installation	Installation , Metering & of the Roof Top Solar panel	Organized



**Research & Development Proposals- Submitted to AICTE under
(AICTE Quality Improvement Schemes) (AQIS) in 2017**

S.NO.	PROGRAMME	TITLE	BUDGET	REMARKS
1.	NATIONAL SEMINAR /WORKSHOP	POWER SYSTEM EARTHING / GROUNDING	2.0 LAKHS	UNDER PROCESS PROPOSED DATE DEC. 2017, (SPONSORED BY AICTE) 50% GRANT RECEIVED
2.	FDP	POWER SYSTEM PLANNING AND STUDIES	7.0 LAKHS	SUBMITTED TO AICTE
3.	NATIONAL SEMINAR	ADVANCEMENTS IN ELECTRICAL POWER SYSTEM: QUALITY, RELIABILITY, LOSSES & METERING	2.0 LAKHS	SUBMITTED TO AICTE
4.	MOROBS	MODERNISATION OF POWER SYSTEM LAB	21.5 LAKHS	SUBMITTED TO AICTE



BEST TEACHER AWARDS- 2016, 2017



उत्कृष्ट शिक्षक सम्मान

भारत के भविष्य को संवार रहे
श्रेष्ठ शिल्पी
आपका अभिनंदन कर “सूजन समिति”
गौरवान्वित है।

आयोजक: सिस्टर निवेदिता तकनिकी शिक्षा समिति



**PROF. S K BAJPAI , PROF. NIDHI MISHRA , PROF. SHIRISH JAIN,
PROF, POONAM SARWGI,
PROG. RAGHUVANSH SINGH**



ENTREPRENEUR DEVELOPMENT WORKSHOP



Professional Societies of Students

Solar Energy Society of India (SESI)

CSI Student Chapter

IEEE Student Chapter



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Industrial Training Partners

S G T P S Birsinghpur Pali
C T I Jabalpur
B H E L Bhopal
M P P T C L Jabalpur
W C R Jabalpur
Hydro Power Plant Bargi Jabalpur
S S T P P Khandwa M.P.
G C F Jabalpur
DSPN TPS Korba
Ordnance Factory Katni M.P.
Vehicle Factory Jabalpur
Ordnance Factory Khamariya M.P.
Diesel Loco Shed, Katni
MTRU Jabalpur
Power Grid Jabalpur
NTPC, Birsinghpur
NTPC, Singrauli
Ordnance Factory, Khamaria, Jabalpur



Co-CURRICULAR ACTIVITIES ORGANISIED BY THE DEPARTMENT

REPUBLIC DAY CONTINGENT CAMP





A Workshop on



Energy Materials

On 30th April 2014

Organized By Deptt. of Electrical Engineering



Gyan Ganga
Institute of Technology & Sciences, Jabalpur

INDUSTRIAL VISIT





Extra-curricular Activities

□ The students run many Hobby clubs like :

- Photography club
- Music club
- Technical club
- Language club
- Fine Arts club
- Programming club



Social Activities

- The students participate in the following through Rural Outreach Program/NSS :

- Tree Plantation
- Blood Donation
- Awareness on Education to Rural People



Social Activities

- Awareness on Education to Rural People



Green Energy Based Projects: Off Grid Solar Rooftop Generation



STUDENTS PARTICIPATION IN ACTIVITIES IN REPUTED INSTITUTE

- Sameer Garhawal and Team of fourth semester Electrical Engineering students had participated and secured 6th all INDIA rank in GREENX event organized by IIT –BHU.

- Team of fourth semester Electrical Engineering students had participated and secured first rank in badminton competition during inter college sports meet held at BITS Goa campus.



5/10/2018

ELECTRICAL ENGINEERING
DEPARTMENT

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STUDENTS PARTICIPATION IN ACTIVITIES IN REPUTED INSTITUTE



Indian
Institute of
Technology (BHU), Varanasi



IIT (BHU) VARANASI
THE ANNUAL TECHNO-MANAGEMENT FESTIVAL
TECHNEX'15
27 Feb - 01 Mar 2015

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Shilpa Vishwakarma
of Gyan Ganga Institute of Technology, Jabalpur participated in
Hurdle Mania organized by **Technex'15**, the annual
techno-management festival of IIT (BHU) Varanasi.

Prof. A. K. Mukherjee
Chief Councillor
IIT (BHU) Gymkhana

Dr. M. Z. Khan Yusufzai
Councillor, SnTC
IIT (BHU) Gymkhana

Prateek Hundekar
Convenor
Technex'15

inspired by excellence



5/10/2018

ELECTRICAL ENGINEERING
DEPARTMENT

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THE ONLY
PRIVATE INSTITUTE
NBA
Accredited
IN THE REGION

Participation of the Students in Sports



Cultural Facilities

Interpersonal Skills and Team Work is important and is best achieved by practicing and performing together

- An Auditorium named as “**SPANDAN**” with a sitting capacity of approx. **600**.
- Institute also has an “**Open Air Theater**” for Annual Cultural events and Fests. We can entertain a crowd of more than approx. 5000 people.





Gyan Ganga Institute of
Technology & Management

GYAN GANJA
GROUP OF INSTITUTIONS



Gyan Ganga
Educational Academy
UGC Approved
AICTE Approved
ISO 9001:2008 Certified



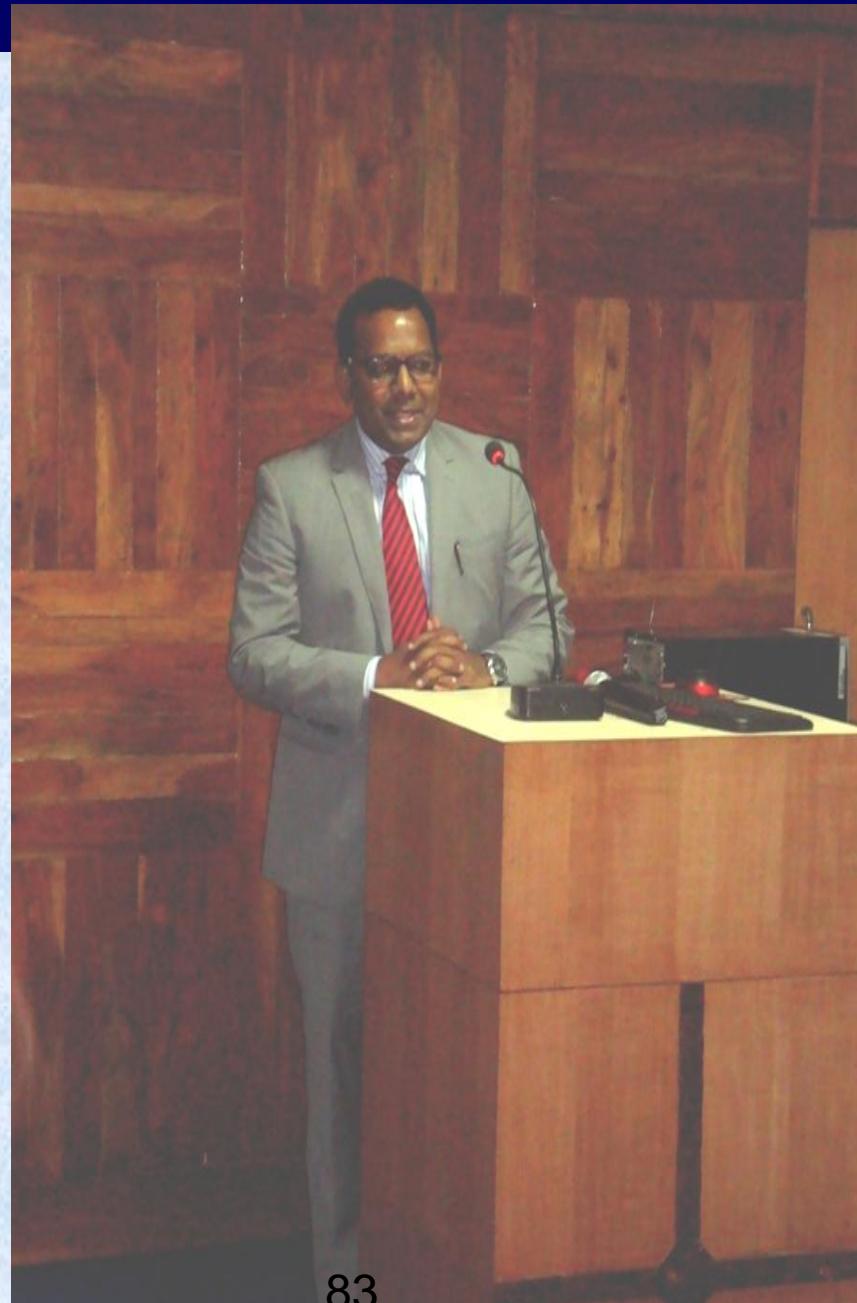
GYAN GANGA
INTERNATIONAL
SCHOOL
Approved by CBSE





- Expert Lectures:

MR. ANSHUL OJHA, Senior Consultant, Accenture Australia has delivered an expert lecture on **“Scope of Higher Education in abroad and Opportunities in the IT world”**. For sixth semester students of Electrical engineering department.



**(DEVELOPMENT OF
HIGH VOLTAGE LABORATORY)**
For

TESTING OF POWER TRANSFORMERS

**(AS PER BUREAU OF INDIAN STANDARD
IS-2026)**

**(Designed and Fabricated Major Projects by the
Students of Electrical Engg.)**



TRANSFORMER UNDER TEST IN LAB



28 KV SEPARATE VOLTAGE SOURCE WITH STANDARD TEST EQUIPMENTS

86

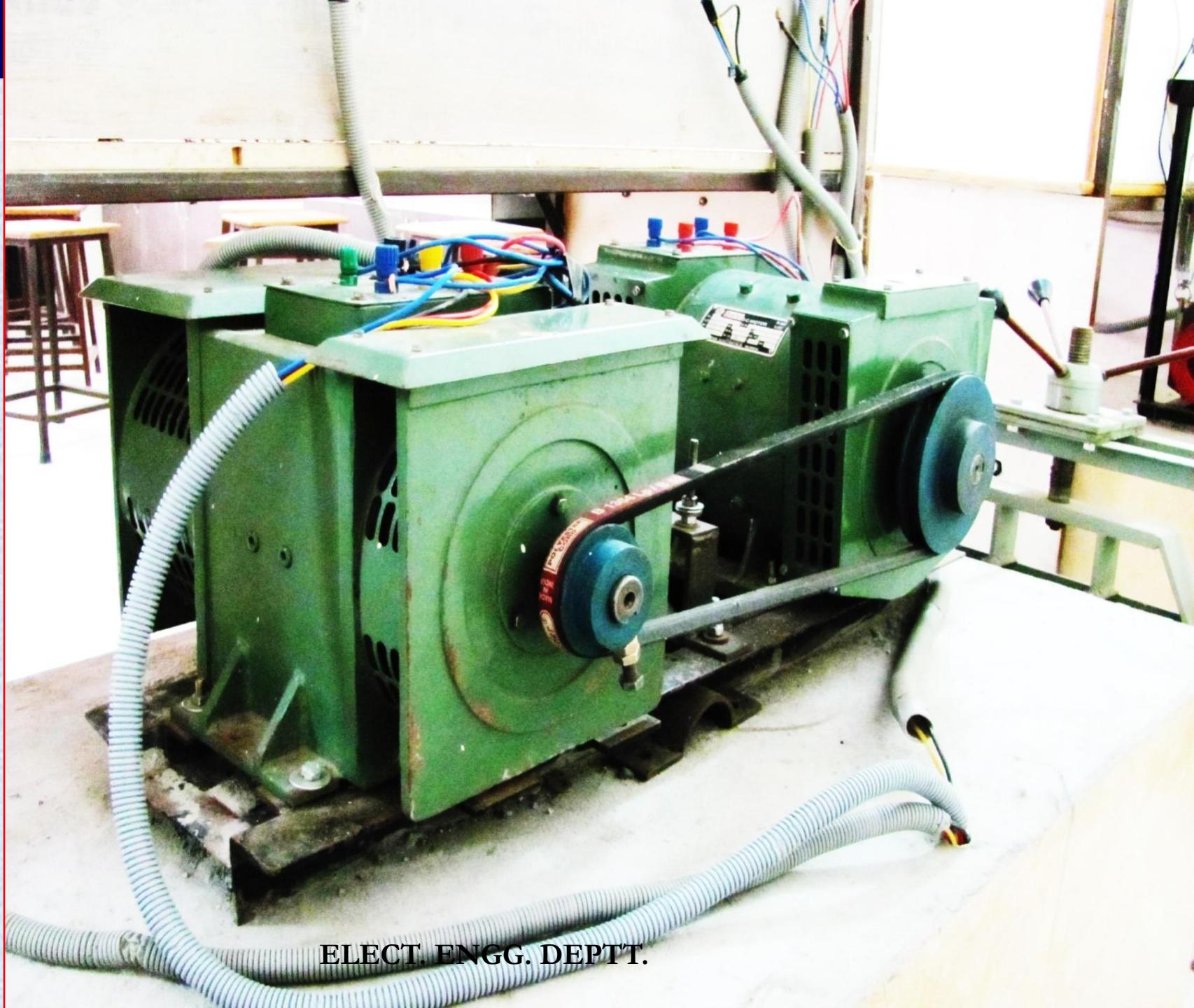


**VOLTMETER
TO
MEASURE
HIGH
VOLTAGE**

87

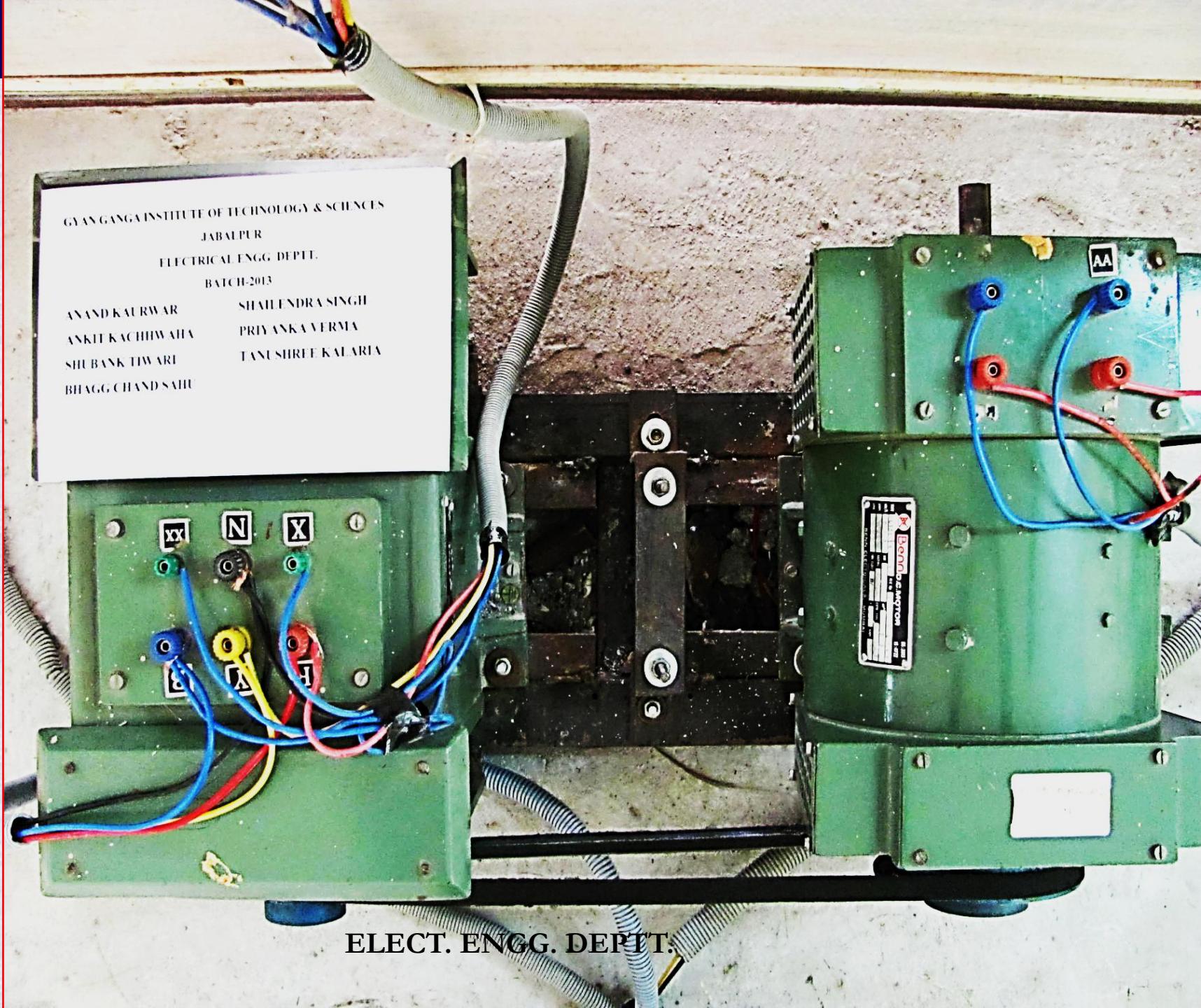


**DOUBLE
VOLTAGE
DOUBLE
FREQUENCY
TEST
SETUP**



ELECT. ENGG. DEPTT.

DOUBLE VOLTAGE DOUBLE FREQUENCY TEST SETUP



TRANSFORMER OIL BREAK DOWN VOLTAGE TEST SETUP



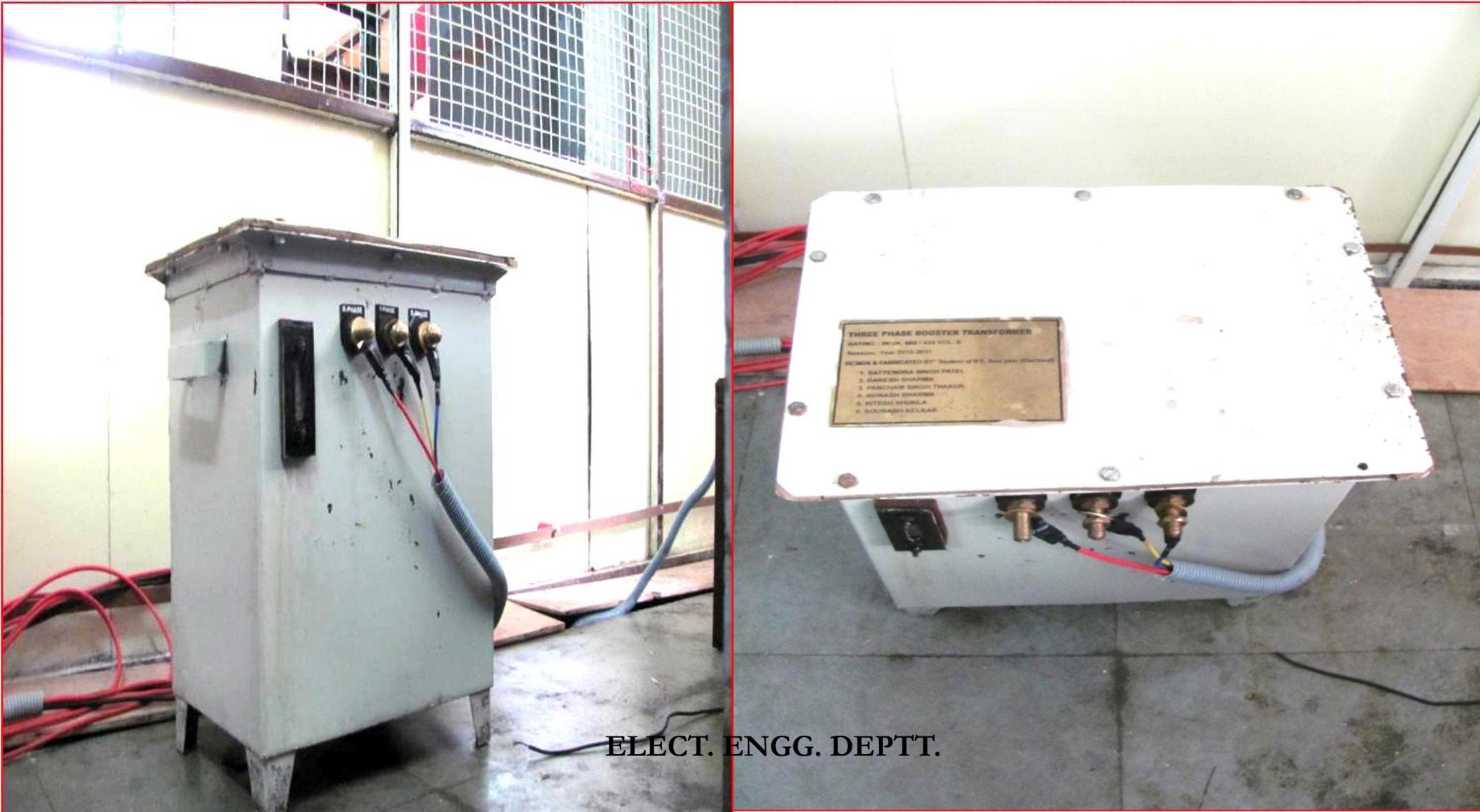
- AMARDEEP BILOHA
- AMIT PATEL
- RAJNARAYANAN.R
- SATYA PRAKASH RAI

ELECT. ENGG. DEPTT.

- SUBHASHISH YADAV
- SHUBHAM KETU
- SHIVAM SHUKLA
- VIVEK JAIN

VOLTAGE BOOSTER FOR LOAD LOSSES TEST AND % IMPEDANCE MEASUREMENT

91



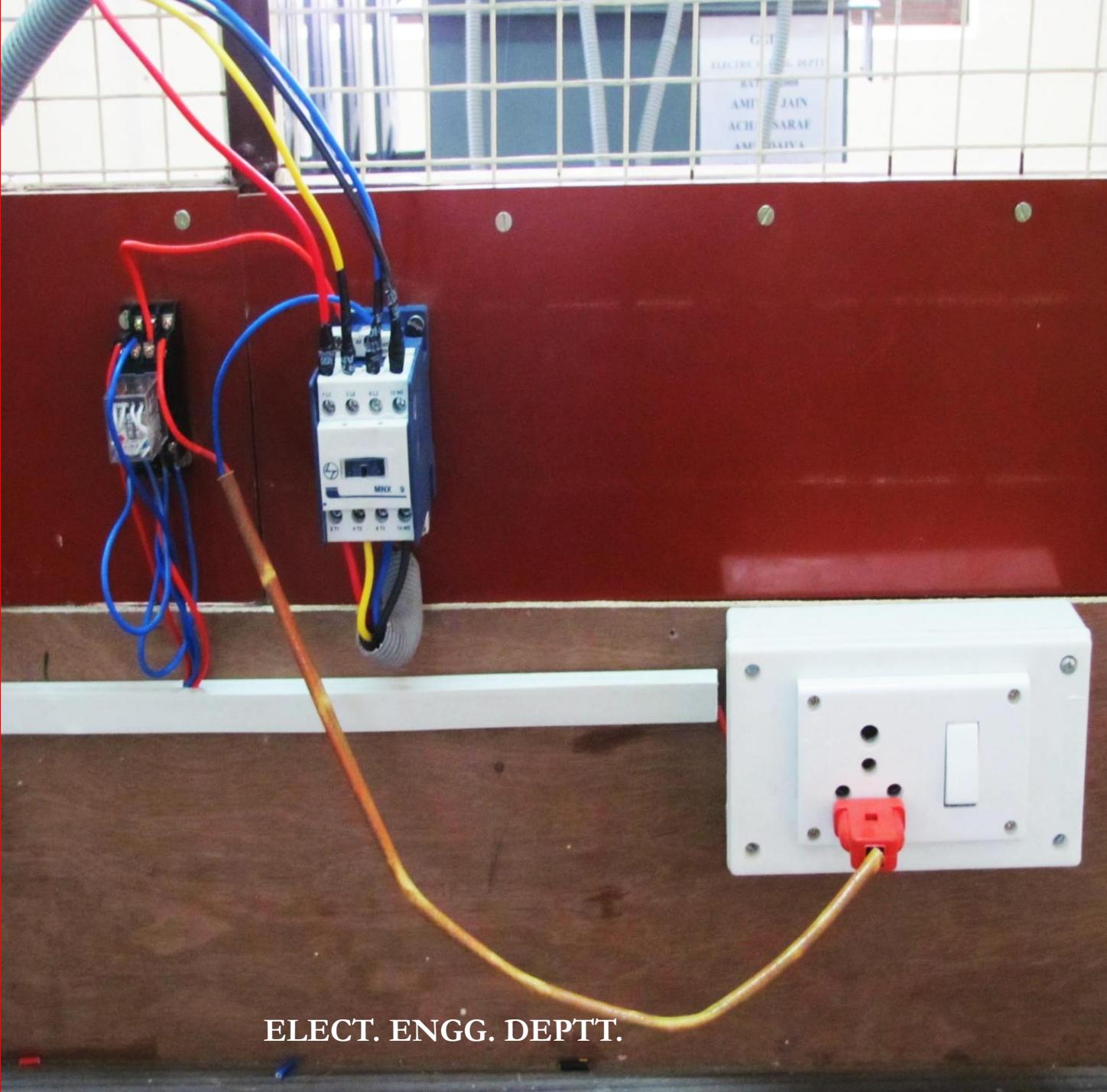
ELECT. ENGG. DEPTT.

**HIGH VOLTAGE LABORATORY
ELECTRICAL ENGG. DEPARTMENT
GYAN GANGA INSTITITUTE OF TECHNOLOGY , JABALPUR**

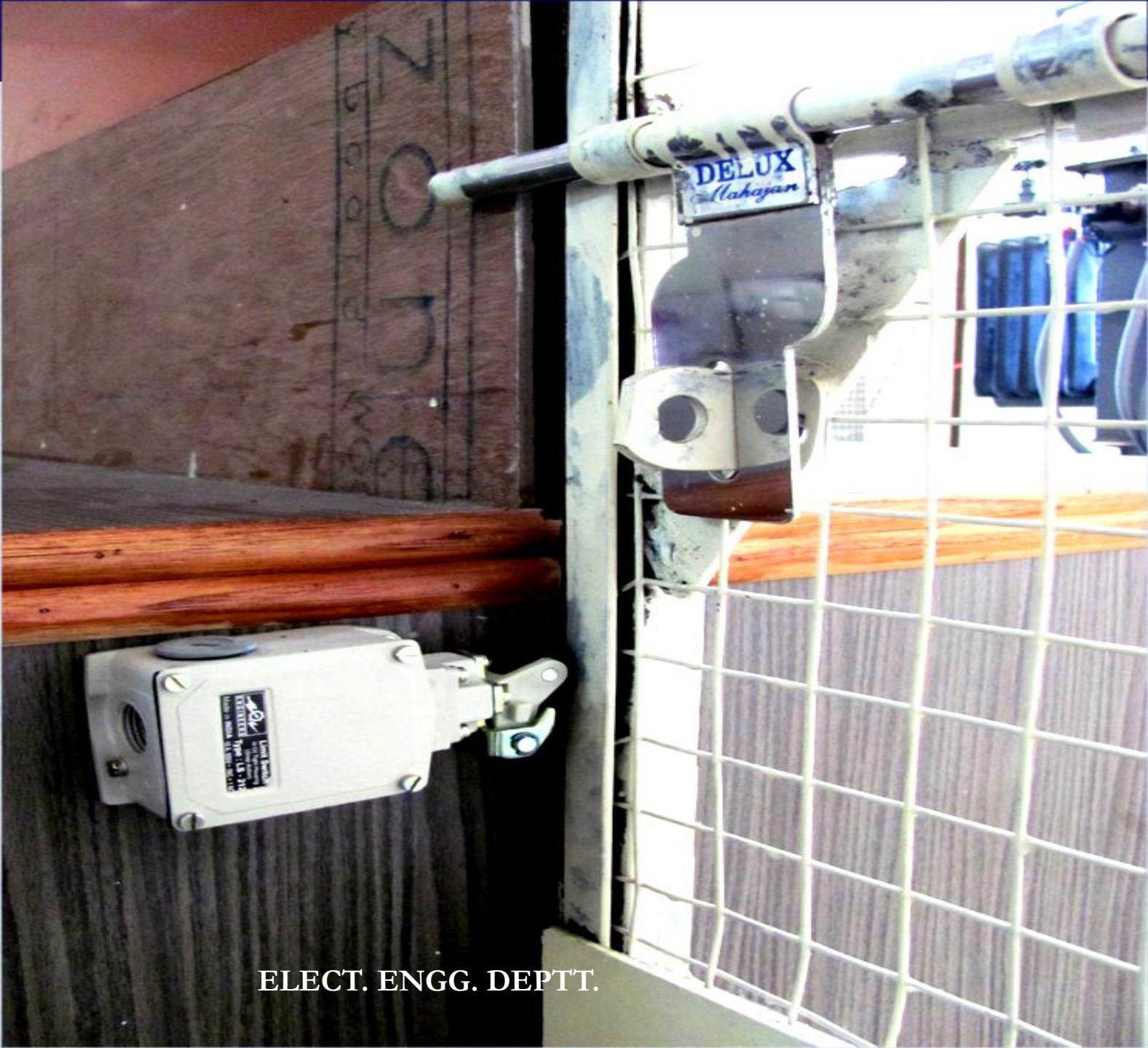
92



**TIMER & RELAY
BASED CONTROL
CIRCUIT FOR THE
DIFFERENT
SETUPS
TO CONDUCT
THE
SUITABLE
HIGH VOLTAGE
TESTING
ON
TRANSFORMERS**



**PROTECTION
SETUP
FOR ANY
HARZADS
DURING THE
HIGH VOLTAGE
TESTING**



ELECT. ENGG. DEPTT.

Alumni
of
Electrical Engg. Dept. GGITS



Parul Sardana (Batch-2007)

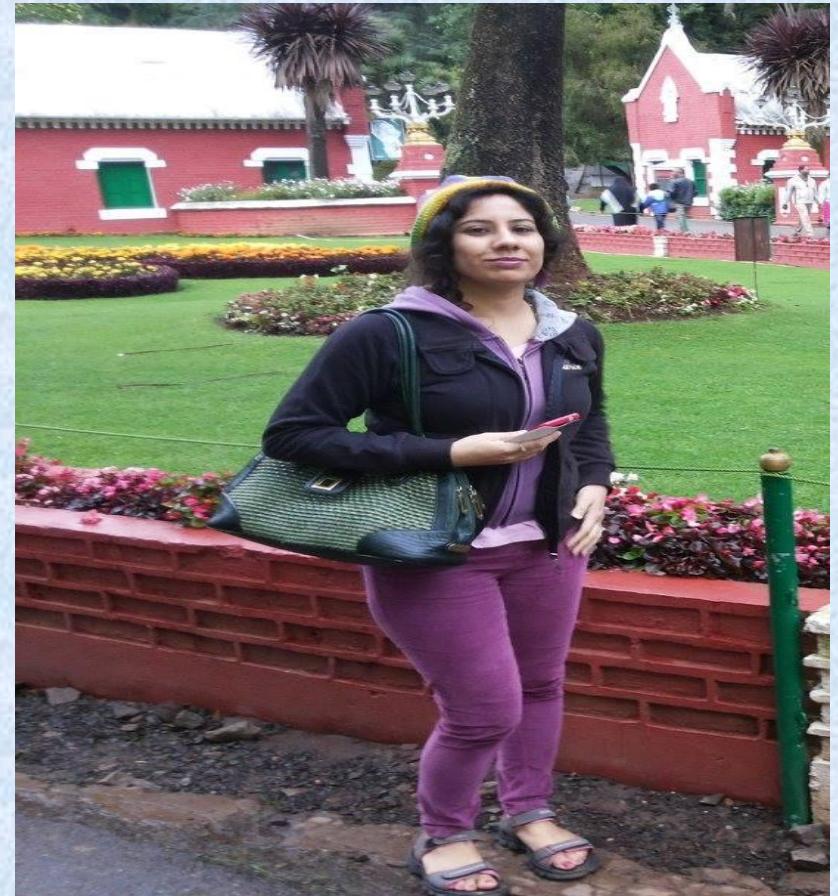
- **PROFILE**

Cognizant

- Senior Associate :-2014 to present, Pune, India

E-Clerx

- Senior Financial Analyst :- 2010 to 2014, Pune, India



Sheetal Pandey (2007)

- **PROFILE**
- **Reliance Industries Limited**
- **Manager : October 27, 2007 to present**



Kanchan Bose (2008)

•PROFILE

- **Korea Electric Power Corporation**
- Sr. Engineer – Projects (2012 – till present)
- **Collabera Inc**
Saint Louis, Missouri
Bank of America



Amit Dahiya (2008)

- Senior Engineer,
- MPPTCL, Jabalpur
- 2010 – till present)



Swantantra Kasera (2008)

- **Work**
- **Nepa Limited**
 - Assitant Mananger
Electrical · September
1, 2015 to
present · Nepanagar
- **Monnet Ispat &
Energy Ltd.**
Engineer · October 19,
2009 to May 1, 2010



Hitesh Daryani (2009)

- Works
- Software Engineer at
- Mphasis (A Sister Concern HP Company
- Lives in Bangalore, India



Kriti Verma (2010)

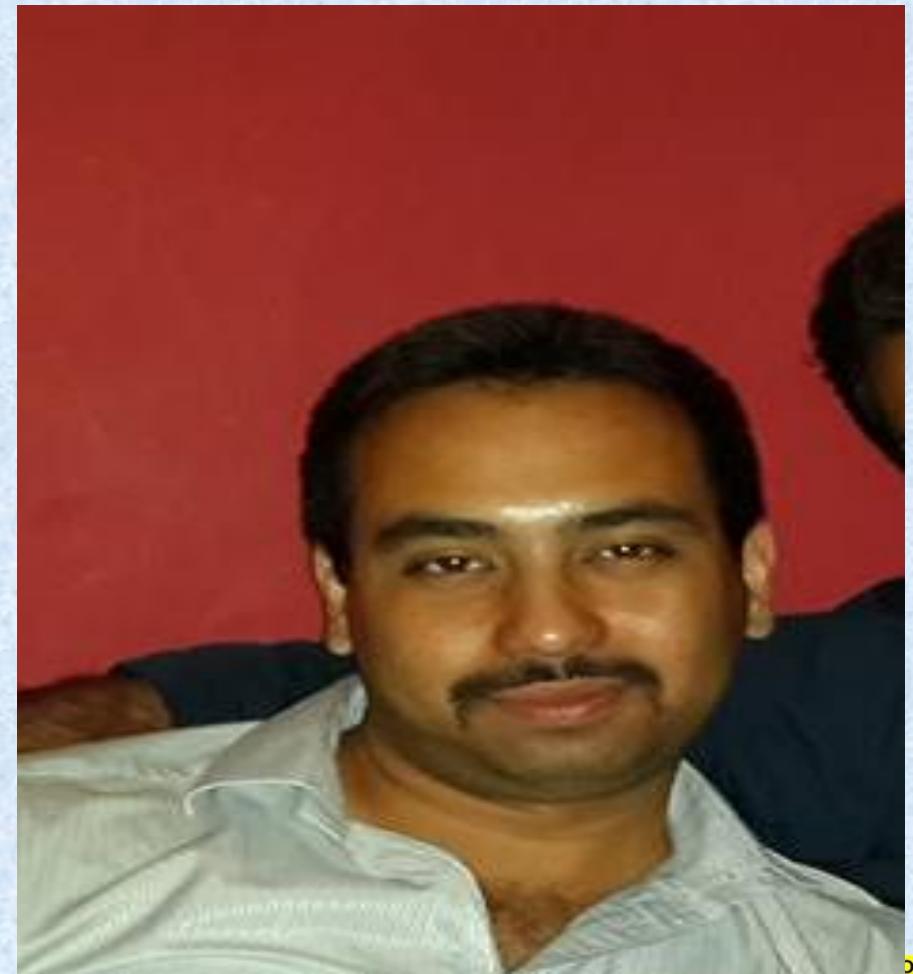
PROFILE

- **Wipro**
- Project Engineer · March 2011 to present · Bangalore, India
- **SUVIDHA ENGG. INDIA PVT LTD (MUMBAI)**
- GET · July 2010 to January 2011 · Mumbai, India



Aditya Banerjee (2011)

- **Essar Group**
- Deputy Manager :July 2011 to present ,Jamnagar



Akshay Dubey (2011)

- **Work**
- **Cognizant Technology Solutions**
- July 2014 to present · Pune, India
- Senior Systems Executive
- **Tata Consultancy Services**
- Asst.System Engineer · March 2012 to 2014



Suvit Rathore (2011)

- PROFILE
- Tata Consultancy Services
- Gurgaon, Haryana



Palak Prabhakar (2012)

- **Work Profile**
- **Tata Consultancy Services**
- System Engineer -
- March 18, 2013 to present • Hyderabad, India



Raj Bhatia (2012)

- Works at Deloitte Consulting US-India Pvt. Ltd.
 - Past: Tata Consultancy Services
- Studied at ggits
- Lives in Mumbai, India



Akshay Chouksey (2013)

- **Work**
- **Robert Bosch LLC - Research and Technology Center.**
- Analyst, Mobile App Integration · Palo Alto, California

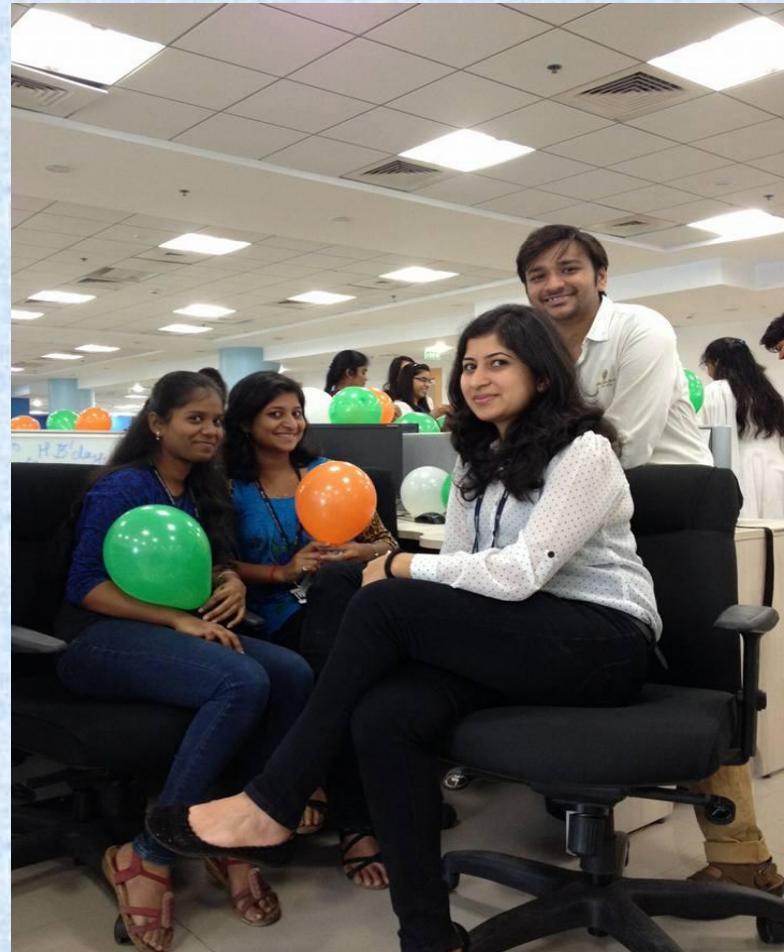
- **Education**
- **School of Information Studies at Syracuse University**
- Information Management · Syracuse, New York



Shalu Chanwani (2014)

TCS Neptune

- June 2015 to present
- Tata Consultancy Services
- Assistant System Engineer-
T · Trivandrum, India



Siddharth Ahuja (2015)

- GRE Score :-324 (2015)
- **University of Illinois ,
Urbana Champaign
USA**
- **(World Ranking Top
21 University-2015)**
- Specialization
Technology
Management



Thank You

