



THE BPPIMT - NEWSLETTER

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of

B.P. Poddar Institute of Management and Technology

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Issue - VII, April 2010 Chief Advisor: Prof (Dr) Sutapa Mukherjee, Editor in Chief: Prof Emeritus (Dr) S.C. Chakravarty,



BRAINS BEHIND OUR STUDENTS



Above are some of our faculty members with Dr. Sutapa Mukherjee, the Principal (seated on chair at the Right) and Dr. B.N. Chatterji, the Dean at the Left) of BPPIMT engaged in imparting knowledge to our students and build them with all care to make them successful in their careers and thus become an important contribution for the socio-economic upliftment of our society.

Message for our Students:

Almost Everybody wants to be successful in life, but while dreaming of success one should not forget the battle that has to be won to achieve the Victory. So remember: -

“LIFE IS AN ART BUT A MOUNTAIN OF TROUBLES. IN YOUR TROUBLES
DON'T CRY, BUT TRY AND TRY, STRUGGLE HARD, AND CONQUER
THE SKY WITH YOUR SKILL AND POWER OF WILL”

- Russell

Facing Interview: Though knowledge is very important, what matters most at the interview are your attitude and outlook and your inner stamina to keep cool and calm and confident come what may. Knowledge is vital, but it is best used when the receiver of the knowledge benefits from it.

Faculty Achievements

Prof (Dr) N. K Dutta of the Department of Electrical Engineering got the following textbooks published for B. Tech Course

1. Power System & Protection. Publisher: S.K. Kataria. Published: In Feb 2010
2. Digital Electronics & Microprocessors – published by New Central, London & Calcutta In March 2010

Ms Sagarika Das, Assistant Professor of the Department of Electronics and Communication Engineering got her paper titled: “Electronically Tunable Dual Input Integrator Employing a Single CDBA and a multiplier: Voltage Controlled Quadrature oscillator Design”, published in the Journal: Active and Passive Electronic Components, Vol 2009.

Dr. Sabnam Sengupta, Assistant Professor of the Department of Information Technology joins as Editor of the International Journal of Computers and Applications, the International Journal of Advancements in Computing Technology, and the International Journal in Advancements in Information Sciences and Service Sciences

Dr. Ananya Kanjilal, Assistant Professor of the Department of Computer Science and Engineering joins as the Reviewer and Editor of the Academy Publishers Journal of Software.

Ms Inadyuti Dutt, Lecturer and Prof. Soumya Paul, Assistant Professor and Head of the Department of Computer Applications presented their paper titled: “A Heuristic for Wavelength Assignment in SingleFibre WDM Optical Networks” in the National Conference on Computing and Systems – 2010 Organized by the Department of Computer Science, University of Burdwan on 29th Jan, 2010

Ms Inadyuti Dutt and Prof. Soumya Paul of the Department of Computer Applications presented their paper titled: “A Heuristic for Wavelength Assignment in MultiFibre WDM Optical Networks” in the International Conference on Recent Trends in Soft Computing and Information Technology sponsored by AICTE and technically supported by IEEE (MP Subsection) and IEEE Computer Society (Mumbai Section) at Corporate Institute of Science and Technology, Bhopal MP (India) on 9th and 10th January, 2010

Prof. Soumya Paul, Assistant Professor and Head of the Department and Ms Inadyuti Dutt, Lecturer of the Department of Computer Applications got a paper published in the International Journal on Computer and Information Technology. This Journal is published by SERC, USA, Vol. 12, No. 17, 2010

Placement Activities at the Institute

The Placement Department of the Institute has been successful in providing ample assistance for placement to the Final Year Students. The Companies that have been Recruiting the students of the Institute including:

1. Cognizant
2. Tata Consultancy Services
3. NEC-HCL
4. PeoBrics
5. NEC HCL
6. NIVL
7. RAVE Technologies
8. Mahindra Satyam

The Companies have been recruiting a good number of students in their concerns offering a handsome salary and attractive perks as well.

With an aim to further develop the placement drives, the Institute has constituted a Placement Advisory Committee. This committee constitutes of the Heads of the Major Departments of the Institute along with the Principal, Registrar and the Head of the Training and Placement Division. This Committee is expected to give valuable advices and stay abreast with all the major and minor developments in the Training and Placement activities of the Institute.

Extra Curricular Activities by the Students of the Institute

The Institute Congratulates the students for their spectacular performance in extra-curricular activities may be enlisted as follows. The following list shows the names of the students along with the event in which he/she has performed.

Name	Event
Debanjan DasDeb and Avigyan Chakraborty	Amphibian Quest, Sumundamanthan IIT- Kharagpur
	Hydrofoil in Phoenix 2010 Future Institute of Engg. & Mgmt.
Jayanta Dutta	ADDICT Srijan, Papyrus, Srijan Jadavpur University
Sunamta Dutta	ADDICT Srijan Jadavpur University
Ashhaul Islam Arpan Sen	Autonomous Fire Preventer CEMK, Kolaghat
	Autonomous Line Maze Solver Heritage Instt of Tech.
	LABYRINTH, in Daksh 2010 Heritage Instt of Tech.
Arnab Das	HALO (Autonomous) AVENIR 2010 Netaji Subhas Engg. College
	PRAGATI' 10 MCKVIE
Sangram Laha	Techfest MCKVIE
	Techfest Netaji Subhas Engg. College
	Techfest Heritage Instt of Tech.
Abhigyan Chakraborty	ASME in KSHITIJ' 10 IIT- Kharagpur
Ashhaul Islam Arpan Sen	EMBED Autonomous Line Follower and Obstacle Avider IEM, SaltLake, Kalyani Govt. Engg College

Students Achievements(Semester Exam)

The Institute Congratulates the Students for making a spectacular performance in the Odd Semester Examination 2009. The students of all the years of all the Streams have made a remarkable performance in the said examination.

Students Achievements(CAMPUS INTERVIEW)

More than 60% of the fourth Yr students of 2010 from all the streams in the institute got offers from TCS, Cognizant, Peobrics, Venus Control, Connectiva, Global ID, NecHCL Ltd
The following students also got their jobs by participating drives outside campus.

- Apurba Kumar Sarkar – WBSEB
- Saondip Bhattacharya – CESC
- Abhirup Pal - DLF

Other Academic Achievements of the Students

- Isha Das secured 99.4 in CAT and 99.9 percentile in GATE
- Devapriya Chowdhury secured 92 Percentile Marks in GATE 2010
- Saumik Bhattacharya secured 96.8 Percentile Marks in GATE 2010
- Shatadal Ghosh secured 96.8 Percentile Marks in GATE 2010
- Madhu secured 315 Marks in CAT 2010
- Yagnaseni Gupta secured 315 Marks in CAT 2010
- Devraj Mandal secured 449 Marks in CAT 2010
- Jaideep Mitra secured 364 Marks in CAT 2010
- Ujjal Mondal secured 404 Marks in CAT 2010
- Ankit Kundu secured 718 Marks in CAT 2010
- Saumyabrata Mitra secured 297 Marks in CAT 2010
- Saumya Manna secured a Rank of 8302 in CAT 2010
- Mainak Moitra secured a Rank of 7483 in CAT 2010
- Shounak Roy secured a Rank of 5476 in CAT 2010
- Diptanjan Saha secured a Rank of 2006 in CAT 2010
- Somrita Ghosh scored 364 Marks in CAT 2010
- Akash Srivastava scored 463 Marks in CAT 2010
- Rohan Dutta scored 98.27 Percentile Marks with a Rank of 1801 in GATE 2010
- Abhinav Kumar scored 90 Percentile Marks with a Rank of 1801 in GATE 2010
- Mukash Kumar scored 94.5 Percentile Marks with a Rank of 5800 in GATE 2010 and also obtained a score of 83.37 in CAT 2010
- Kushan Chakrabarty secured a Rank of 254 in GATE 2010
- Anupam Kishore obtained a score of 90 in XAT 2010
- Rohit Gupta obtained a score of 88.01 in CAT, 97 in NMAT, and 113 in SNAP.
- Oli Chakraborty obtained a score of 95.4 percentile marks with a score of 4778 in GATE 2010
- Pallabi Som obtained a score of 94.74 percentile marks with a score of 5476 in GATE 2010
- Sabyasachi Ghosh obtained a score of 92.07 in CAT 2010
- Isha Das obtained a score of 99.9 in GATE 2010 and 99.4 in CAT 2010
- Prateek Chawda obtained a score of 93.38 in GATE 2010 and 85.6 in JEST 2010
- Sayak Chakraborty obtained a score of 85 percentile in GATE 2010
- Parijat Saha obtained a score of 93.35 in JEST 2010 and a score of 93.49 in GATE 2010
- Subhabrata Dey obtained a score of 79.82 percentile in GATE 2010
- Atanu Ghosh obtained a score of 92.07 in CAT 2010
- Sayan Pal obtained a score of 96.3 with a Rank of 3829 in GATE 2010
- Abhishek Dey obtained a score of 90 with a Rank of 10000 in GATE 2010
- Sourav Sinha obtained a score of 95.6 with a Rank of 4608 in GATE 2010
- Ahitagni Saha obtained a score of 91.3 with a Rank of 9216 in GATE 2010
- Samrat Ghosh obtained a score of 90.6 in CAT 2010 and 76 percentile in GATE 2010.

- Kumar Paritosh obtained a score of 85.54 in CAT 2010
- Rishmanta Basu scored 87.5 in XAT 2010
- Snehasish Laha scored 86.6 Percentile Marks in GATE 2010
- Gautam Kumar scored 89.0 Percentile Marks in GATE 2010
- Saondip Bhattacharya scored 92.0 Percentile Marks in GATE 2010
- Saurav Sur scored 94.0 Percentile Marks in GATE 2010
- Manu Kr Misra scored 97.5 Percentile Marks in GATE 2010
- Apurba Kumar Sarkar scored 98.5 percentile Marks in GATE 2010

Industry Institute Interaction Microsoft IT Academy

The Microsoft IT academy is an Initiative of the Institute to deliver knowledge on Microsoft Technologies. The Institute has entered into a joint collaboration with Microsoft Corporation on the basis of which the Institute shall organize courses on Microsoft Technologies and Products.

The Faculty Members from all the Departments of the Institute along with the Registrar Dr. Sandip Ghosh and the Head, Training and Placement Mr. Sandeep Dutta has formed the Microsoft IT Academy Committee in order to organize the program at the Institute.

The first of such program is expected to be organized during 2nd Week of July, 2010

Wipro Mission 10X

The Wipro Technologies conducted a program at the Institute from 12th March – 17th March 2010 under the Name: Wipro Mission 10x. The nominated faculty members, two from each Department along with the faculty members from other Engineering Institutes participated in the program. In a Nutshell, the program was on Dale Carnegie Teaching Skills, Blooms Taxonomy and Gardner's Methodologies.

IBM DB2

The IBM conducted Training on DB2 at the Institute during April – May 2010. Students from the Department of Computer Science & Engineering and Information Technology attended the program.

Infosys Campus Connect

The Principal Prof. (Dr) Sutapa Mukherjee and the Head of the Placement Department Mr. Sandeep Dutta attended the Principal and SPOC's meet at Infosys, Bhubaneswar DC on 11th March 2010. The meet was regarding the updations of selected Institutes on the organization of the Campus Connect Program and the Soft Skills Program at the Institute according to the latest specifications.

Tarit Industries (manufacturer of High Voltage CT & PT Used in Power System). Fourth Year Electrical Engineering students carried out Project work on development of CT and PTs. Some Faculties also sometime help as and when required in design development to meet the requirement of the complex characteristics of Power System in Electricity Boards

~ CONTRIBUTORY ~ CRYOGENIC AVIATION

Prof. Pramathes Das

The World's first Airlines using Cryogenic Fuel took off from Moscow in April 1998. The Aircraft used Liquid Hydrogen and Condensed Natural Gas as fuel. A special compartment for liquid fuel tanks has been fitted into the aircraft tail.

Hydrogen may be produced and condensed at any part of the world; only water and energy are needed. The Ecological quantities of Hydrogen are the best of all available types of fuel.

The replacement of gasoline as aviation fuel by the cryogenic fuel, a mixture of liquid hydrogen and condensed natural gas, which will reduce the harmful influence of aircraft on the atmosphere.

Intensive design work is now underway to develop aircraft models using cryogenic fuel. It has to be assumed that the cryogenic fuel is efficiently used and explosion safety is provided.

PROJECTS

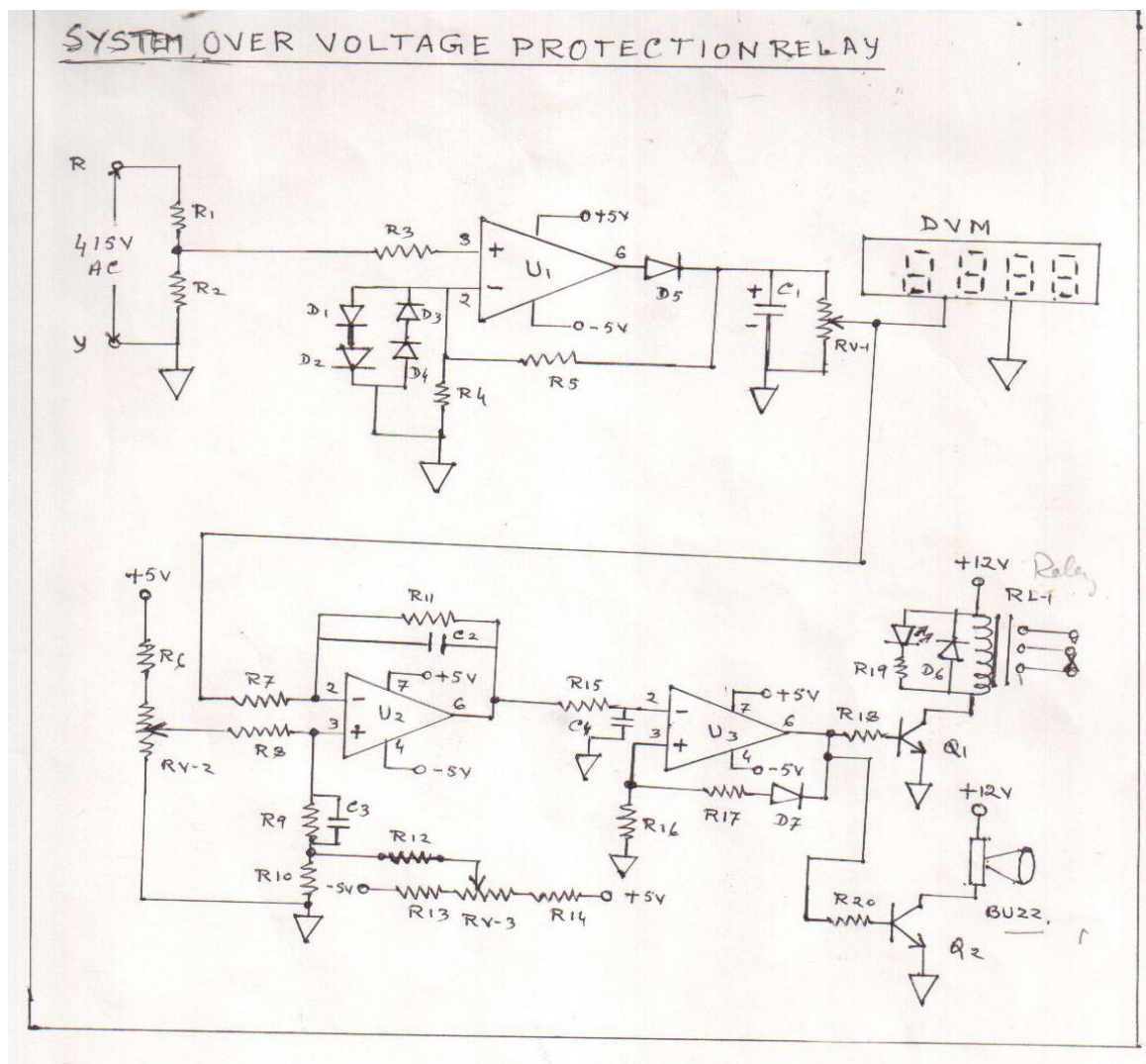
SYSTEM OVER-VOLTAGE PROTECTION RELAY

Objective: To trip the Power System Main-Current due to Over-voltage: 20% more than Line-Voltage

Brief Description: Line Voltage, fed to Terminals R and Y, with the help of a Voltage Divider Circuit and with Half Wave Precision rectifier, converted to DC Voltage, which is connected to a Digital Voltmeter to read the line voltage.

Then getting input from Set Voltage at 20% of the Line Voltage, and by using Differential Amplifier, a difference of Voltage is noted when voltage increases to more than the set voltage, a difference of voltage is developed, which fed to an inverter with hysteresis band will activate the Relay and thus tripping the main circuit along with the buzzer.

The Project was undertaken by Prof. Pramathes Das HoD, and Mr. Ranjit Paul of the Dept of Electrical Engineering.



- **Editorial Committee:** The Editorial Committee consists of a team of Faculty Members headed by Prof (Dr.) N.K. Datta with Prof Emeritus S.C. Chakravarty as Editor In Chief, Prof (Dr.) Sutapa Mukherjee, Principal the Chief Advisor and Mr. Dipankar Majumdar Assistant Professor as Dy. Chief Editor of the Newsletter.
- **Call for Contribution:** Contribution for the Newsletter is solicited from all the members of the BPPIMT Family. The prospective contributors are requested to send their writings in about 200 words electronically to the address: newsletter.bppimt@gmail.com.