

॥ राष्ट्राय स्वाहा इदम न मम ॥



VVP e-Bulletin

Sept - 11

Department
Name

Electronics &
Communication



Shree Pravinbhai R. Maniar
Chairman

●
Shree Lalitbhai Mehta
Managing Trustee

●
Shree Chandrakantbhai Pavagadhi
Trustee

●
Shree Kaushikbhai Shukla
Trustee

●
Dr. Sachinbhai Parikh
Principal

electrical
electronics & communication
information technology
computer engineering
chemical

Name HOD
Dept.

Prof. N.B.Kalani

Committee
Member

Prof. S.A.Banerjee
A.R.Upadhyaya



From Editor's Desk

Dear Friends, Staff, Students and well wishers,
Warm greetings to you all,

Welcome to the 1st edition of e-bulletin. It gives us immense pleasure to present you the 1st issue of EC Department quarterly e-bulletin.

One can easily guess that we as a team strongly agree to the Shakespearean thought of “What’s there in a name”. But surely the e-bulletin was to be given a name. A lot of brainstorming has gone into naming the e-bulletin. & what better that the name of the department itself. **Vibrations!!** We present to you a delightful sense of movement, vibration.

As the editor, it’s my pleasure to bring you up to date on the happenings at the EC department. The EC Engineering is the largest in the entire institute comprising of more than 500 students, about 27 faculty members and 7 lab assistants. We express our sincere thanks and good wishes to all who have helped the department grow into a mighty banyan. It is you all who have made it possible for serving the society in an excellent manner by giving secular education integrated with our Indian values, for producing high quality citizens out of the students who study here.

In this first issue, we bring the staff and student participation in various conference, seminars and workshops furthering the dissemination of knowledge and event section containing departmental activities and news.

This issue is dedicated to the birth anniversary of Dr. Sarvapalli Radhakrishnan. Our HOD gave a thought about what is a teacher.

The present issue is not a complete picture of what the e-bulletin has been conceptualized to be. We hope that the forthcoming issues shall be a compilation of even more enriching thoughts and ideas. We invite all enthusiasts to be a part of the team. We also invite faculty to actively participate through articles and suggestions.

“If words don’t have *vibration* behind them, & a real feeling behind them, then they are just words.”

Results:

Congratulation on your success!

Toppers of pass out batch

Trivedi Nirav	83.6 %
Parekh Mihir	82.68 %
Lakhani Harsh	79.77 %
Malaviya Nishant	79.77 %
Sheth Dhaval	79.54 %
Varu Meghana	78.62 %
Thaker Bhardwaj	78.45 %
Parekh Viraj	77.31 %
Upadhyay Reena	77.25 %
Pandya Monali	76.68 %

Toppers of VI sem

Banugaria Parth	8.00 SPI
Chauhan Milan	8.00 SPI
Bhuva Chintan	7.80 SPI
Koladia Karishma	7.80 SPI
Pratik Ladani	7.80 SPI
Sorathiya Vishal	7.80 SPI
Vachhani Krupa	7.80 SPI
Vegada Neha	7.80 SPI
Kothari Ridham	7.60 SPI
Mehta Rajkumar	7.60 SPI

Toppers of IV Sem

Patel Neeraj	9.47 SPI
Doshi Shruti	9.17 SPI
Bavishi Pooja	9.10 SPI
Mankodi Nija	9.00 SPI
Mehta Urvi	8.97 SPI
Kotadia Miral	8.90 SPI
Shah Riddhi	8.90 SPI
Kesaria Hemali	8.73 SPI
Makwana Hirenkumar	8.73 SPI
Mehta Kishan	8.70 SPI

Toppers of II Sem

Vekariya Nilisha	9.17 SPI
Tolia Shreya	9.17 SPI
Gadhvi Devina	8.93 SPI
Vora Mohit	8.90 SPI
Patel Suhani	8.79 SPI
Joshi Ankit	8.59 SPI
Katbamna Gayatri	8.59 SPI
Mehta Harshal	8.45 SPI
Dave Ankurkumar	8.38 SPI
Gandhi Deep	8.38 SPI

Success is the progressive realization of a worthy goal or ideal.

-Earl Nightingale

Staff Corner

Congratulations to **Prof. N.S.Ghedia & Prof. B.S. Sedani**, the organizing chair of International conference on Innovative Science and Engineering Technology for successfully organizing the conference.

Staff Participation in conference

Congratulations to the winners of paper presentation competition in the ICISSET-2011 at V.V.P. Engg. College, Rajkot on 8-9 April 2011.

Prof. S.A.Pandya secured 1st position, **Prof. B.S.Sedani** secured 2nd position and **Prof. N.B.Kalani** secured 3rd position in the paper presentation competition in the International Conference on Innovative science & Engineering Technology, ICISSET-2011 at V.V.P. Engg. College, Rajkot on 8-9 April 2011.



- ✍ **Prof. B.S.Sedani** presented a paper in International Conference 2010 IEEE on Computational Intelligence & Computing Research in Coimbatore and published in iee explorer.
- ✍ **Prof. J.H.Joshi** published a paper in International Conference on Intelligent System and Data Processing (ICISD 2011) at GCET, Vallabh Vidyanagar.
- ✍ **Prof. C.R.Patel** presented a paper in International Conference 2010 IEEE on Computational Intelligence & Computing Research in Coimbatore and published in iee explorer. She had also published a paper in the International Conference on Innovative science & Engineering Technology, ICISSET-2011 at V.V.P. Engg. College, Rajkot on 8-9 April 2011.
- ✍ **Prof. S.A.Banerjee** published a paper in the International Conference on Innovative science & Engineering Technology, ICISSET-2011 at V.V.P. Engg. College, Rajkot on 8-9 April 2011.

- ✍ **Prof. R.D.Trivedi & Prof. V.G.Metaliya** published a paper in the International Conference on Innovative science & Engineering Technology, ICISSET-2011 at V.V.P. Engg. College, Rajkot on 8-9 April 2011.
- ✍ **Prof. N.R.Bhalani** published a paper in the International Conference on Innovative science & Engineering Technology, ICISSET-2011 at V.V.P. Engg. College, Rajkot on 8-9 April 2011.
- ✍ **Prof. Sheron H. Christy** published a paper in the International Conference on Innovative science & Engineering Technology, ICISSET-2011 at V.V.P. Engg. College, Rajkot on 8-9 April 2011.
- ✍ **Prof. K.A.Monpara and Prof. D.A.Doshi** presented a paper in the International Conference on Innovative science & Engineering Technology, ICISSET-2011 at V.V.P. Engg. College, Rajkot on 8-9 April 2011.

Staff participation in seminars & workshops

- ✍ **Prof. P.M.Dholakia and Prof.V.D.Nimavat** attended five day workshop on Mission 10X sponsored by Wipro organized by Marwadi Engg. College, Rajkot from 27th June 2011 to 1st July 2011.
- ✍ **Prof. B.S.Sedani and Prof. J.P.Ajmera** attended five day workshop on Recent trends in Image Processing sponsored by ISTE organized by AITS,Rajkot from 5-9th July 2011.
- ✍ **Prof. N.B.Kalani, Prof. N.S.Ghedia, Prof. J.P.Ajmera, Prof. B.S.Sedani** attended 1 day seminar on MATLAB & Simulink for Engg. Education sponsored by Maths Works on 26th July 2011.
- ✍ **Prof. J.H.Joshi, Prof. S.A.Pandya and Prof. D.G.Kamdar** attended 1 day seminar on MATLAB & Simulink for Engg. Education sponsored by Maths Works on 26th July 2011.

- Without continual growth and progress, such words as improvement, achievement and success have no meaning.

-Benjamin Franklin

- The highest education is that which does not merely give us information but makes our life in harmony with all existence.

-Rabindranath Tagore

Student Corner

High Fliers

A big congratulations!

VII sem students **Savaliya Ankit** scored 97.4 percentile, **Savalia Abhishek** scored 95.3 percentile, **Patel Abhijeet** scored 90.5 percentile and **Maradiya Vivek** scored 87 percentile in GATE-2011.

Event Participation

Congratulations to all!

III sem

- ✍ **Joshi Hitesh P.** won 1st prize in National level event 'Vidhyut Adbhutam-11' Roadies at Nirma Engg.College, on 24-25th March 2011.
- ✍ **Bhutt Nirav D.** won 1st prize in state level Robotics event Robo War at Kanakeshvari Tech College of Engg. in 2011.

V Sem

- ✍ **Doshi Shruti** gave online Exam 'Microsoft Office Specialist' and scored 1000/1000 marks in the month of Jan - 2011.
- ✍ **Arjun Khetia** had one month training on cyber crime defence under Gujarat Police in June-July 2011.He had solved problems on cyber crime internet and mobile hacking.
- ✍ **Shah Sweetu, Mankodi Nija, Doshi Ruchi and Thakker Ankit** won 2nd prize in Dominoes an energy conversion project competition Conraption at Nirma Engg. College,in 2011.
- ✍ **Devani Ankur and Anadkat Jay** won 3rd prize in Dominoes an energy conversion project competition Conraption to prick baloons at Nirma College of Engg. in 2011.
- ✍ **Jadeja Riddhi, Bhagat Isha, Ankur Devani and Doshi Shruti** won 3rd prize in Dominoes an energy conversion project competition Conraption to blow candles at Nirma College of Engg. in 2011.
- ✍ **Arjun Khetia and Nisarg Kansagra** participated in a workshop on Study Enhancement Programme organized by Ahmedabad Management Association on 27-28 Aug.2011.
- ✍ **Oza Stuti** participated in state level youth festival- Kal ke Kalakar in 2011.

VII sem

- ✎ **Gosai Diwampuri and Sadikot Mustufa** won 1st prize in state level event of face painting at Atmiya College of Engg., Rajkot in March 2011.
- ✎ **Patel Anand J.** won 1st prize in state level Robo race and Robo war competition 'Immaculate' at B.H.Gardi College of Engg., Rajkot in March 2011.
- ✎ **Karan Shah** secured 1st position in state level trouble shooting competition Immaculate at B.H.Gardi College, Rajkot in March 2011.
- ✎ **Karan Shah** secured 2nd position in paper presentation & 3rd position in poster presentation in state level Tech Utkarsh at Atmiya College of Engg., Rajkot in April 2011.
- ✎ **Patel Jaydeep, Patel Nikunj, Kalariya Ashish and Upadhyay Harshil** won 2nd prize in state level Tech Utkarsh Death race at Atmiya College of Engg., Rajkot in April 2011.
- ✎ **Patel Anand J.** won 2nd prize in state level Robo-race, Robo-war and Robo-Aqua competition at Atmiya College of Engg., Rajkot in April 2011.
- ✎ **Mayatra Dipak** won 1st prize in state level robotics competition Immaculate at B.H.Gardi College, Rajkot in 2011.
- ✎ **Panchasara Udit D.** won 2nd prize in National level Robotics sky walk event 'Mindband' at SVNIT, Surat in 2011.
- ✎ **Khimaniya Bhaya K. and Anand Patel** won 2nd prize in National level Robotics at Atmiya College of Engg., Rajkot in April 2011.
- ✎ **Talreja Shilpa** won 2nd rank in Gizmo (make best out of waste) competition at MSU, Baroda in Feb 2011.
- ✎ **Hindocho Charmi** won 2nd prize in National level paper presentation at R K. University, Rajkot and B.K. Gardi College of Engg., Rajkot in March 2011.
- ✎ **Parmar Hima, Chhatrala Jay and Shah Karan** won 2nd prize in state level Immaculate Mathquest event at Gardi College of Engg, Rajkot in March 2011.
- ✎ **Ankit Shah, Ankit Savaliya, Dizeel Mehta & Karan Chhaniyara** attended a HAPTICS workshop organized by MSU, Baroda in Feb.2011.



Sports

- ✍ **Parekh Vivek** of VII sem won the boys Chess competition in Indoor Sports Festival organized by VVP Engg. College, Rajkot in Aug 2011.
- ✍ **Rawal Namrata** of VII sem won the girls Chess competition in Indoor sports festival organized by V.V.P. Engg. College, Rajkot in Aug 2011.
- ✍ **Mandeep Payal** of III sem won the Badminton and was the runner up in the Chess completion in Indoor Sports Festival organized by VVP Engg. College, Rajkot in Aug 2011.
- ✍ **Kachar Jayraj and Mayank Niranjani** of VII sem are Carrom runners up in Indoor Sports Festival organized by VVP Engg. College, Rajkot in Aug 2011.
- ✍ **Gosai Diwampuri, Nanavati Nihar, Patel Nikunj, Vaishnav Tej, Karan Shah and Banugaria Parth** won 1st prize in state level sports event 'Tug of War' at DAIICT, in Feb.2011.
- ✍ **Banugaria Parth** won 2nd prize in national level swimming organized by FINA in Feb.2011.

- Sport is where an entire life can be compressed into a few hours, where the emotions of a lifetime can be felt on an acre or two of ground, where a person can suffer and die and rise again on six miles of trails through a New York City park. Sport is a theater where sinner can turn saint and a common man become an uncommon hero, where the past and the future can fuse with the present. Sport is singularly able to give us peak experiences where we feel completely one with the world and transcend all conflicts as we finally become our own potential.

~George A. Sheehan

- The key is not the "will to win" - everybody has that. It is the will to prepare to win that is important.

~Bobby Knight

- Talent wins games, but teamwork and intelligence wins championships.

~Michael Jordan

From the Department

- ✎ Final Year students have a 5 day orientation program for shaping their careers from 31st Aug to 4th Sept - 2011 under Sachin Sehgal's Jazz Consultancy to cope up with industry requirements. They have 40 hrs sessions for aptitude, reasoning and technical development.
- ✎ On 5th Sept. 2011 students celebrated "Teacher's day" the birth anniversary of Dr. Sarvapalli Radhakrishnan by conducting lecture session in the lab hours to show respect for their teachers.



"Teacher's Day" Celebration

- A man who was completely innocent, offered himself as a sacrifice for the good of others, including his enemies, and became the ransom of the world. It was a perfect act.

~ Mahatma Gandhi

✍ Blood donation camp was held on 27th Aug. 2011 in VVP Engg. College, Rajkot.

Following students donated blood-

Bhalani Ankit and Harsh Parmar donated blood for 5 times

And Hindocha Mitrasen K., Trivedi Jaydeep and Patel Nikunj J. donated blood for 4 times.

Name of the Participants	Semester	Name of the Participants	Semester
Kareliya Khushbu D.	3rd	Joshi Bhavya S.	5th
Jenish Patel	3rd	Anadkat Jay A.	5 th
Khabhla Raghu D.	3rd	Shah Nikhil	5 th
Vadavia Prithvi B.	3rd	Oza Stuti	5 th
Bhavesh Dankhulu	3rd	Rughani Megha	5 th
Kapadia Yogesh R.	3rd	Sejpal Priyanka	5 th
Patni Ishit S.	3rd	Vora Sunil J.	5 th
Chavda Arjun R.	3rd	Jotaniya Sagar	5 th
Joshi Ankit	3rd	Chavda Jaydeep B.	5 th
Bhimani Jasmin M.	3rd	Darji Kalpesh	5 th
Bhatt Nirav D.	3rd	Pathak Parth T.	5 th
Mohit Vora	3rd	Mehta Kisan	5 th
Padaliya Chintan	3rd	Bhimani Harshil	5 th
Mori Lalabhai	3rd	Gidhavani Vishal K.	5 th
Rothod Bhavik	3rd	Kavar Nilesh B	7 th
Gojiya Jagdish D	3rd	Upadhyaya Harshil N.	7 th
Gandhi Jay	3rd	Karan Shah	7 th
Ankit Soni	3rd	Mehta Raj	7 th
Savaliya Uday	3rd	Vachhani Rutvik	7 th
Shyamm Baldha	3rd	Parekh Vivek	7 th
Odedara Sagar	3rd	Zala Shivrajsinh M.	7 th
Delvadiya Chirag L.	7 th	Patel Anand J.	7 th
Jadeja Vishvarajsinh D.	7 th	Panchasara Udit D.	7 th
Patel Nisarg	7th		



WHAT IS A TEACHER?.....

The dinner guests were sitting around the table discussing life.

One man, a CEO, decided to explain the problem with education. He argued, "What's a kid going to learn from someone who decided his best option in life was to become a teacher?"

To stress his point he said to another guest; "You're a teacher, Bonnie. Be honest. What do you make?"

Teacher Bonnie, who had a reputation for honesty and frankness replied, "You want to know what I make? (She paused for a second, then began...)

"Well, I make kids work harder than they ever thought they could.

I make a C+ feel like the Congressional Medal of Honor winner.

I make kids sit through 40 minutes of class time when their parents can't make them sit for 5 min. without an I Pod, Game Cube or movie rental.

You want to know what I make. (She paused again and looked at each and every person at the table)

I make kids wonder.

I make them question.

I make them apologize and mean it.

I make them have respect and take responsibility for their actions.

I teach them how to write and then I make them write.

Keyboarding isn't everything.

I make them read, read, read.

I make them show all their work in math.

They use their God given brain, not the man-made calculator.

I make my students from other countries learn everything they need to know about English while preserving their unique cultural identity.

I make my classroom a place where all my students feel safe.

Finally, I make them understand that if they use the gifts they were given, work hard, and follow their hearts, they can succeed in life (Bonnie paused one last time and then continued.)

Then, when people try to judge me by what I make, with me knowing money isn't everything, I can hold my head up high and pay no attention because they are ignorant. You want to know that I make?

I MAKE A DIFFERENCE IN ALL YOUR LIVES, EDUCATING KIDS AND PREPARING THEM TO BECOME CEO's, AND DOCTORS AND ENGINEERS... ..

What do you make Mr. CEO?

His jaw dropped; he went silent.

-Prof. N.B.Kalani

TECH BITES

PROGRAMMING SKILL

To get good hand with assembly language programming for the Microprocessor 8085, Microcontroller 8051 first understand its architecture thoroughly and you should know the purpose of each and every instruction and what actually it will do when it is executed.

You should have a chart of instruction set with its meaning briefly written and read regularly when you have time of ten minutes. With your program statement try to write the instruction which you require to use to solve the program, then arrange as the sequence what you require.

To improve programming practice is the only way.....

Though programming is mainly associated with the field of Computer Science, but writing good and optimized code is mainly an art.

Learn the language ‘C’: Learning ‘C’ because of its power in programming. It is very reach in data types.

Develop programs that test your mind skills: Try to develop as many programs as possible in ‘C’, will help you to improve your programming logic.

Locate code and try to understand why it was written that way: Use the internet or college library to locate code written by another developer. Try to understand why it was written that way and understand it completely. The main objective of this exercise is to get brain thinking.

Solve logic puzzles: One section of newspaper will be filled with series of logic puzzles and riddles eg. sudoku. Try solving them. Don’t get disheartened if can’t solve them or take a long time to solve them. Remember that you are in the learning and improving stage. Things will be slow, but you will make progress. Your brain will be trained to think differently with every puzzle that you try to solve. This is because now you know a new method of solving.

It will help you improve your logic, concentration and skills of grouping and organizing.

Help other people build logic

Once you start feeling confident about yourself and your logic capabilities, you should immediately start helping people. The benefit of helping people is that you get to learn new problems that people face. This immensely adds to your knowledge

- **Prof. J.H.Joshi**