



Student Branch Annual Report 2011-12 Lambda Eta Chapter BVCOE

A-4 Paschim Vihar, New Delhi – 110063



Passion for perfection

This line encompasses the essence of the oldest and most respected organization of BVCOE, our IEEE. We at BVCOE have tried and successfully lived up to the motto of this prestigious scientific endeavor. Our students have zealously aimed at attaining greater accolades and have contributed greatly in the field of upcoming engineering technologies.

IEEE-HKN, is the latest branch of this esteemed society. It was formed in 2011. IEEE-HKN stands for IEEE “eta-kappa-nu”. “Lambda Eta” is the chapter that has been set up in our college. It is the *second international chapter* of IEEE-HKN and is the first one of its kind to be set up in India.

Our college is truly privileged to be an integral part of such an exciting international venture. It is an honor and also a due recognition of the efforts of our staff and students at maintaining a high standard of education.

A. The introductory and induction ceremony of the “Lamda Eta”

- The induction ceremony of the “Lamda Eta” chapter was conducted by **Dr. Stephen M Goodnick(President of the IEEE Eta Kappa Nu)** on 10th February 2012 and other chapter members.
- Dr. Goodnick handed over the command of the ceremony to Akshay Gupta, President IEEE-HKN.
- The building blocks on which the foundation of IEEE- Eta Kappa Nu is based are the ingenious ideas and thoughts of great scientists such as: Charles Wheatstone, William Gilbert, John Bardeen, Grace Hopper, Michael Faraday, Charles Babbage, Nikola Tesla, James Clerk Maxwell, Edith Clarke, and Thomas Edison. The various Executive committee members emphasised in their speeches about the work done by these scientists and how Lamda Eta will include them in their work.
- The oath ceremony was administered by Dr. Goodnick after which the binding pledge was taken by every member of IEEE-Eta Kappa Nu.

**B. Professional Societies / chapters and engineering events organized**

After this grand induction ceremony IEEE-HKN team members started their work in the college with full zeal and enthusiasm. Be it introducing new numbers to the chapter or generating awareness about it. No stone was left unturned. IEEE-HKN is an honor society and the focuses more on the academic side of IEEE through its various seminars and conferences, which it organized in the college every fortnightly.

EVENTS :	
Every fortnight	<p>“Spill the Beans”-a workshop organized after every 15 days which focused on developing and enhancing the soft skills of students. This initiative took by HKN proved to be very beneficial especially for the students taking up their campus selection interview that very year. These workshops were organized by trained intellectuals who had excelled in the field of public speaking and personality development. Student volunteers also got an opportunity to work with these trained professionals to help them hone their public speaking and organizational skills.</p>
	<p>“Mock GRE”- seminars on educating about the benefits of GRE and GMAT were organized by a team of students who have already appeared for the same. Students were guided on how to prepare for these exams, what to focus on and what not, and how to attempt the papers.</p>
	<p>“NASA-radio jove”- NASA radio jove is a project started by IEEE-HKN BVP in collaboration with the IEEE student branch of Maharaja Surajmal Institute of Technology taken up by NASA which involves collaboration from college students who help them in tracking various signals and emissions from the sun Jupiter and other celestial bodies. The event was conducted by then IEEE MSIT president Tushar Sharma and involved the participation of the entire executive committee of BVPIEEE HKN.</p>
Open CV	<p>IEEE HKN also conducted tutorials on Open CV (Intel's Open Computer Vision Library) in which trained students instructed the students on making projects in Computer Vision in C++.</p>
23rd-24th March 2011	<p>BVPIEEE-HKN Student Branch organized its annual festival, FERVOUR in which following were the technical activities:</p> <p>National Student Symposium NSS is organized by the 'Women in Engineering' group of IEEE .It is a National Level event and is also the flagship event of Fervour. In this event students from all over the country were invited to present technical papers on the topic of “Innovative Engineering for Global security”. The entire team of WIE as well as IEEE HKN coordinated for this symposium.</p>

	<p>Brainstorming Brainstorming event was based on the traditional childhood memory game. With the theme of 'SEEING DOES NOT ALWAYS MEAN BE-LIE-VING'. The participants were shown a few clips and slides which had pictures and content. The participants were supposed to remember the contents on the slides and were not allowed to write any useful information regarding the visual aids. Then they were asked analytical questions regarding the data shown to them and the team answering the most questions wins.</p> <p>Bits N Bytes This contest aimed to provide a platform for programmers to showcase their problem-solving and programming skills.</p> <p>Digital fortress The concept and name of this event was very much inspired by Dan Brown's international best seller 'The Digital Fortress'. This was a code breaking event where the participants were provided codes in encrypted form.</p>
Robotics Workshop	<p>IEEE-HKN also conducted regular classes in robotics training students on the technicalities involved in robotics and holds workshops on intra and inter-college level. A very mesmerizing response of students was observed in this workshop on a regular basis and that's why we conducted various contests such as Robo-Race and Robo-Futsal during the fest which saw participation from the entire HKN robotics team as well as entries from around the nation.</p>

**Aspiring
Foundation**

AAF working towards education, health, providing economic opportunities by facilitating access, generating employment and delivering essential services in rural and urban areas of Delhi, Jharkhand and West Bengal. Its mission is to upholding the values of accountability and transparency in every task which is undertaken.

This NGO is associated with IEEE HKN. Not only was it an integral part of it during the complete fest, it continues to undertake joint ventures towards social activities along with the volunteers from BVPIEEE HKN. It also held a donation drive in various colleges and was met with an enthusiastic response from the students.





C. Executive Committee

The IEEE Executive Committee for the Academic Year 2011-2012 have brought many laurels to the institute and received many accolades for their excellent performance. The team included:

IEEE HKN COMMITTEE	
Akshay Gupta	President
Anurag Garg	Vice President
Vaishali Sharma	Corresponding Secretary
Haresh Singh	Head of Publicity & Student Representative
Satyadeep Chatterjee	Head of Infrastructure
Lakshay Grover	Recording Secretary
Ravit Dung	Treasurer
Tanmay Monga	Head of Tutoring
Kumar Sourav	Newsreader
Kunal Jain	Head of Corporate & Media Affairs
Rishabh Khurana	Head of Operations
Anubhav Mahajan	Head of Public Relations



The selection procedure of the new team was completely transparent and merit based. All interested candidates were asked to file in their nominations with requisite documents through e-mail. The students were shortlisted on the basis of a personal interview that tested their technical skills, communication skills, confidence and eligibility for the applied post. The interview panel consisted of at least three members from the core team of BVPIEEE - HKN ExeComm (2011-2012) at a time along with the Branch Counselor-Prof. Rahul Bahl.

IEEE HKN COMMITTEE	
Vishal Madan	President
Haresh Singh	Vice President
Lakshay Grover	Head of Operations
Animesh Kumar Jha	Treasurer
Ravit Dung	Corresponding Secretary
Muskan Gumber	Recording Secretary
Tanmay Monga	News Correspondent
Sudeep Singh	Head Infrastructure
Aashna Jain	Head HR
Ashmeet Bakshi	Head PR
Subhanshi Agarwal	Head Publicity
Rahul Jain	Head Tutoring

The team members have been informed about their posts and are all set to give their best in order to make the branch as well as the institute proud with their untiring enthusiasm and zeal for perfection.

D. Chapter Size:

The credit for starting the chapter goes to Akshay Gupta, the founder of Lambda Eta chapter of IEEE HKN. The HKN team in BVCOE started with a small executive committee of 12 people and about double the number of members. Due to its unique structure and the status of being an honor society, it grew manifold and currently has a full fledged executive committee and attracts the best students in the college.

E. Future Plans & Goals

I hope that this report has shown that since the past 6 months of installation of the chapter in our institute, Lambda Eta Chapter has grown immensely. None of our members have any reservations in showing the pride they hold in the achievements of the chapter in such a short span of time. I look forward to the future team continuing this high level of enthusiasm and zeal in all the activities they undertake.

Our future plans are closely related to the new opportunities made available to the group through this installation in our college. We'd try to increase the membership invites to the students and faculty members. Additionally, we'd also like to bring this honor society to other institutions' notice as well. We'd continue to grow and promise to maintain our **"Passion for Perfection."**