



IEEE



IEEE-HKN LAMBDA ETA CHAPTER



On **Friday, 10 February 2012**, IEEE-Eta Kappa Nu (**IEEE-HKN**) installed its **second chapter outside the U.S.** since the merger between IEEE and Eta Kappa Nu Association took place in **September 2010**. IEEE-HKN President Dr. Stephen M. Goodnick, presided over the installation of the IEEE-HKN Lambda Eta Chapter at The **Bharati Vidyapeeth's College of Engineering**. A total of eighteen students, faculty and professionals were inducted at the ceremony.

Prof. Rahul Bahl, appointed as the IEEE-HKN Faculty Advisor for IEEE-HKN Lambda Eta Chapter, assisted with the installation and induction activities and the College Principal, **Dr. K. C. Tiwari**, was also on hand.

Almost **200 individuals** attended the installation and induction.

[Contents](#)

[Outstanding Award Ceremony](#)

[About IEEE-HKN](#)

[History of IEEE-HKN](#)

[What makes IEEE-HKN unique](#)

[Benefits of Joining](#)

[Forming a New Chapter](#)

[Sample Request Form](#)

[Contact Us](#)



It is not only a matter of Pride but also a moment of celebration; The Lambda Eta chapter, IEEE-HKN in Bharati Vidyapeeth's College of Engineering has procured The Outstanding Chapter Award in its very first year of initiation. The Outstanding Chapter Award is given by IEEE-HKN to acknowledge excellence in colleges for its activities. To mark this event of honour, an award ceremony was held on 15 May 2013, Wednesday in the conference hall, BVCOE. Principal Sir, Prof. M. S. Bhattacharya graced the event with his humble presence. Prof. Rahul Bahl, Branch counsellor, BVPIEEE along with various HODs and teachers also dignified the ceremony with their distinguished presence. Further, all outgoing team members of BVPIEEE and IEEE-HKN along with the newly elected team were also present.

Prof. M.S. Bhattacharya put forth The Outstanding Chapter Award Plaque to Prof. Rahul Bahl, The Branch Counsellor, BVPIEEE following which he addressed the audience and congratulated the team for the success and enthusiasm they have shown till now. Rahul Bahl Sir also reiterated the fact that initiating IEEE-HKN in the college was not only the best foot forward but a golden foot forward. He hopes to get The Outstanding Chapter Award for IEEE-HKN for many years to come.

To aggrandize the event, Mr Akshay Gupta, Former President, The Lambda Eta chapter IEEE-HKN, also attended the ceremony. He has been awarded with a gold medal for the best student award. He has also been awarded The Outstanding Student award with special mention from IEEE-HKN. Apart from this, he is currently pursuing his masters in computer science at Georgia Tech. Moreover, he has published several papers in International Journals. Prof. Rahul Bahl presented Akshay Gupta with a bouquet to honour him for his achievements. Moreover, he shared his experience being IEEE-HKN President and wished best luck to the team to continue the good work.

ABOUT IEEE-HKN (Eta Kappa Nu) - The Electrical and Computer Engineering Honour Society

IEEE-Eta Kappa Nu is the student honour society of IEEE and is dedicated to encouraging and recognizing excellence in the IEEE-designated fields of interest. Members consist of students, alumni, and other professionals who have demonstrated exceptional academic and professional accomplishments. Student members are selected on the basis of scholastic standing, character, and leadership. Through a variety of service programs and leadership training, student members develop lifelong skills that earmark them for prominent positions in industry and academia. Members are much better prepared for the post-college world and are especially valuable and attractive to employers. They are recognized as extremely capable, both technically and professionally.

After graduation, members continue their involvement through their university chapters, volunteering for IEEE-HKN committees and receiving information on IEEE-HKN activities.

To further recognize excellence, IEEE-HKN conducts award programs to recognize professional leaders, exceptional educators, outstanding students, young engineering professionals, outstanding chapters, and effective faculty advisors.

For more than 100 years, Eta Kappa Nu has embraced excellence. In the years ahead, IEEE-HKN will continue to reinvent itself to meet the needs of its members, the institutions they serve, and our overall society.

HKN and IEEE-HKN History

Eta Kappa Nu (HKN) is the result of the vision of Maurice L. Carr, an electrical engineering student at the University of Illinois. He shared that vision with nine other students who together founded the organization on 28 October 1904. The original perspective regarding qualifications for membership was that scholarship was important but that the selection of students with the character and attitude that would make them probable leaders in the profession was even more important.

This whole matter of required qualifications for membership was debated in the early years, with the conclusion that HKN would be an Electrical Engineering Honor Society and that scholarship should be the primary requirement, with character and other personal attributes secondary.

In the late 1930s, the national officers recommended that all colleges set the scholastic qualifications for membership to be the upper one-fourth of the junior EE class and the upper one-third of the senior EE class. In 1947, that qualification was made mandatory for all chapters by its incorporation in the national Constitution.

Maurice Carr later acknowledged that one of the reasons for the founding of Eta Kappa Nu was to garner jobs for its members, but he also saw the organization as an incentive and inspiration for the individual — not just members, but all engineering students. He recognized that the prestige and reputation of the society rested on the character of its members after graduation. Significantly, in 1939, Carr wrote that "Eta Kappa Nu grew because there has always been many members who have been willing and eager to serve it loyally and unselfishly." This is as true today as it was in 1939.



The Wheatstone Bridge symbol was selected as the emblem of HKN by the founding group, even though Maurice Carr preferred the Caduceus. In later years, Carr acknowledged that he had not realized that the medical profession had already selected his preferred symbol. The HKN Coat of Arms or Shield, as it is often called, (discussed in the Induction Ritual) was initiated in 1927.

The Induction Ceremony was secret from the start of HKN until the 1959 Convention, where the chapters voted to make secrecy optional for each chapter. This gave chapters the opportunity to conduct induction ceremonies with parents and friends in attendance. Secrecy is no longer an option, and Eta Kappa Nu is not a secret society in any respect.

Similarly, in the early years of its existence, HKN members were almost exclusively male, as there were no female EE students. It was natural that the governing documents, the Induction Ceremony, and other materials would make reference to members as being of male gender. However, HKN has no membership limitations with regards to gender, race, religion, or nationality.

Eta Kappa Nu's first publication was a small four-page leaflet titled "The Electrical Field," issued in the spring of 1906. It was devoted almost entirely to the subject of employment. It contained commentary about four companies that employed electrical engineers, and it included the list of names of the members graduating from both the University of Illinois and the Purdue University chapters. This leaflet was published annually until 1909, when it

began to be published semi-annually. In 1913, "The Electrical Field" was renamed "The Bridge" and was published annually. Today, "The Bridge" is published twice a year.

As an industry and a profession, electrical engineering grew relatively slowly as the electrical power and telecommunications infrastructure was accepted and developed in the early decades of the 20th century. Substantial change occurred during World War II and proved to be a substantial growth period for electrical engineering.

Huge demand existed for power systems to support the massive manufacturing infrastructure created by the War. Overwhelming innovation occurred in electrical, electronic, and communications equipment and systems for war-time applications on ground, sea, and in the air. After World War II, the GI Bill offered college education opportunities to millions of returning young service men and women, with many entering the field of electrical engineering.

The world suddenly realized and appreciated the wonderful benefits of electricity and electronics. Since the War, the electronics/electrical industry has become a driving economic force, and Eta Kappa Nu has fostered many of the leaders that have established this industry.

In the last decade, both academia and HKN have acknowledged the important role of the computer. Many academic departments have changed their name from Electrical Engineering to Electrical and Computer Engineering. HKN has also changed its focus to include computer engineering. Both academia and industry value HKN and the many accomplishments of its 200,000 members.

In 2006, discussions between the Eta Kappa Nu Association (HKN), the Institute of Electrical and Electronics Engineers, Inc. (IEEE), and the IEEE Foundation (IEEE Foundation) began. In 2007, a Memorandum of Understanding (MOU) was signed which was a non-binding expression of the Parties' intent to merge HKN with and into IEEE, and for the IEEE Foundation to administer the funds to support continued HKN activities within IEEE following the merger.

On 14 February 2009, the merger agreement was made and entered into by and among the three Parties. On 1 September 2010, the merger became effective and what was once known as Eta Kappa Nu (HKN) is now known as IEEE-Eta Kappa Nu (IEEE-HKN).



IEEE-Eta Kappa Nu



The honor society of IEEE

What Makes IEEE-Eta Kappa Nu Unique?

1 Traditions

Established in 1904 HKN has been recognizing excellence, over 200,000 deserving individuals have been inducted Eta Kappa Nu.

2 Alumni

Famous alumni include: Steve Wozniak, founder of Apple; Larry Page, founder of Google; Eric Schmidt, CEO Google; Amar Bose, inventor of the Bose Speakers; Sabeer Bhatia, founder of Hotmail; David Filo, founder of Yahoo!; Henry Samueli, founder of Broadcom; Paul and Irwin Jacobs, founders of Qualcomm; IEEE-HKN members are on the Board of Directors at many top tech companies including Google, IBM, Yahoo!, Motorola

3 Awards

The outstanding student award is presented to a student who has proven outstanding scholastic excellence, high moral character, and exemplary service to classmates, university, community and country.

4 Eminent Members

The highest membership classification conferred upon a select few whose contributions and attainments have resulted in significant benefits to mankind. Since 1950, only 130 have been selected to receive this honor.

5 Scholarship

Scholarship includes outstanding traditional academic abilities. However, these abilities must be complemented by a good supply of common sense to make the acquired knowledge, information, and ideas more useful.

6 Character

Initiates must possess unimpeachable Character. Initiates must cultivate their character, capacity and willingness for hard work.

7 Attitude

Initiates must possess unimpeachable Character. They must exhibit sound judgment, including honesty, ethical behavior. They are congenial, modest, and dependable; and they are good listeners and skillful communicators.

8 Wheatstone bridge

This is what we strive for as members of Eta Kappa Nu: to lead a balanced life, a life in which SCHOLARSHIP, CHARACTER, and ATTITUDE are jointly developed. When these three are properly balanced in the Wheatstone bridge, then the unknown, SUCCESS, is determined.

9 Service

The members of IEEE-Eta Kappa Nu believe it is your responsibility to society to aid and assist whenever the need for something exists that is within your power to give.

10 The complete Technical Professional

What employers are seeking today is the well rounded complete technical professional. The leadership programs and scope of HKN provide these opportunities.

Benefits of Joining / Why Join?

1

Academic Accomplishment

Ensure that your exceptional academic accomplishment and strong character is publicly recognized by the entire engineering industry.

2

Networking Opportunities

Gain numerous networking opportunities by joining an organization that has members in leading roles with corporations, government and universities.

3

Access to Key Positions

Possess greater access to key positions and rapid career advancement as all of these organizations actively seek IEEE-HKN members.

4

Long-term Relationships

Build a network of long-term relationships that will aid your career with IEEE-HKN students who will become your friends and professional colleagues.

5

Receive Advice

Know most of your department's faculty members on a personal level and interact with them on IEEE-HKN projects as well as receive advice on your future.

6

Resumé Enhancer

Use your IEEE-HKN membership as a resumé enhancer when seeking a position or applying for graduate school. Employers prefer to hire IEEE-HKN members with their leadership, interpersonal and teamwork skills.

7

Helping

Receive opportunities to help the Department(s) in the IEEE-designated fields of interest, fellow students, and the community in chapter activities.

8

IEEE-HKN Activities

Participate in IEEE-HKN activities, which enable development of vital professional skills such as leadership, communications, and teamwork through practical hands-on experience.

9

Leadership Skills

Develop leadership skills to prepare for high track professional careers.

FORMING A NEW CHAPTER

We are pleased that you are interested in forming an IEEE-Eta Kappa Nu chapter on your campus and are willing to help you with the process leading to the installation of the new chapter. The following requirements have been established for new IEEE-HKN chapters:

- The school must offer undergraduate or graduate degree programs in any of the IEEE-designated fields of interest. This includes: Engineering, Computer Sciences and Information Technology, Physical Sciences, Biological and Medical Sciences, Mathematics, Technical Communications, Education, Management, Law and Policy.
- Programs in the IEEE-designated fields of interest in U.S. institutions must be accredited by the Accreditation Board for Engineering and Technology (ABET). For institutions in other parts of the world, programs must meet the requirements of a recognized regional or professional accrediting agency.
- The Department Chair, Dean of Engineering, School Chancellor, and other appropriate university administrators must support the formation of an IEEE-HKN chapter on your campus.
- A minimum of eight eligible students must be identified to establish the chapter and prepare the required submission materials. These students will become the charter members of the new chapter.
- All graduate students are encouraged to become members of IEEE-HKN. They have the right to hold office, serve on committees, and actively participate in chapter activities.
- The approval of the Head of the Department(s) in the IEEE-designated fields of interest, and the faculty advisor, are needed to induct graduate students. It is not necessary to obtain the approval of the chapter where a graduate student did their undergraduate work. Having graduate students as members of your chapter will extend your support and improve your chapter.
- A Faculty Advisor for the prospective chapter must be appointed by the Department Chair.
- The exact list of charter members should be identified. This list must contain a minimum of eight eligible students, and as a practical matter, should be limited to a maximum of 15 to 20 students who will most actively take part in the establishment of the new chapter. In many cases, there will be a much larger number of students who are eligible at the time of the new chapter's installation. Many new chapters will hold their first regular new member induction when the new chapter is being installed in order to induct all of the eligible members into the chapter.
- The charter members may elect interim chapter officers if they desire for the purpose of running the prospective chapter until the chapter is officially installed.
- A letter requesting to form the new chapter should be generated and signed by the charter members should be sent to the parent body chapter that is to Lambda Eta chapter for India region.

After the aforementioned steps have been completed, the following materials should be submitted to IEEE-HKN Lambda Eta chapter, New Delhi INDIA:

- Letter requesting establishment for the new chapter
- Statement of degree programs and accreditation status
- Letter of support from university officials (not required at this stage)

The installation of a new IEEE-HKN chapter is a very significant event for the entire IEEE-Eta Kappa Nu organization. A representative from the IEEE-HKN organization will visit your campus to officially install the new chapter and present the chapter charter. You are encouraged to invite all faculty, the Department Chair, the Dean of Engineering, other university officials, and even special guests from neighbouring IEEE-HKN chapters to attend. The date of the chapter installation will be agreed upon with IEEE-HKN Headquarters.

The official name of the new chapter will be assigned. Chapter names are assigned in chronological order of installation.

At installation day, your prospective chapter should arrange for all facilities and invited guests. The IEEE-HKN representatives will meet your Faculty Advisor, chapter officers, Department Chair, Dean of Engineering, and other officials prior to the ceremony, and if time allows, a guided tour of the various facilities by the student members is encouraged.

IEEE-HKN Headquarters will assist you in preparing the speaking agenda for the installation ceremony. Following the official installation ceremony and the induction of the charter members, you are encouraged to host a reception or a banquet, offering the opportunity for the new members to interact with the guests and IEEE-HKN representatives.

IEEE-HKN Lambda Eta chapter Team is enthusiastic to assist you in establishing a new IEEE-HKN chapter on your campus. The IEEE-HKN Lambda Eta chapter Team will make the application process relatively easy. Your chapter will generate on-going benefits for your students, your Department, and the profession for many years to come.

If you have any questions or wish to discuss forming a new chapter, please send an email to hkn.lambdaeta@gmail.com

SAMPLE LETTER

Date: DD/MM/YYYY

The Branch Councillor
IEEE-HKN Lambda Eta chapter
Bharati Vidyapeeth's College of Engineering
A-4 Paschim Vihar, New Delhi-110063
India

REQUEST TO FORM NEW CHAPTER AT _____

Dear Sir/Mam,

This is to inform you that our institution/college are interested in forming a new IEEE-HKN chapter. We have read all the details and we have formed a team of eight (or more) executive committee members whose details are provided here-with. Also, We would like to request you to begin the process of induction

The details of student branch, branch councillor and student members are also provided.

In the anticipation of positive response.

Thanking You

Name
Designation

Enclosed: 1) Details of Student branch and college.

2) Branch Councillor details and consent form stating that he/she is ready to form new IEEE-HKN chapter.

3) Details of Eight (or More) selected members.

IEEE-HKN LAMBDA ETA CHAPTER



LAMBDA ETA

CONTACT US

IEEE-HKN LAMBDA ETA CHAPTER

Bharati Vidyapeeth's College Of Engineering

A-4 Paschim Vihar, New Delhi-110063

India

www.hkn.bvpieee.org

hkn@bvpieee.org

<https://www.facebook.com/pages/IEEE-HKN-Bvcoe/275757819137835>

